



STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /

(If "Gas", Production X / Underground storage     / Deep     / Shallow X /

LOCATION: Elevation: 1040 Watershed: Grass Run  
District: Murphy County: Ritchie Quadrangle: Burnt House 7.5'

WELL OPERATOR Murvin Oil ~~Company~~ Corporation  
Address Box 297  
Olney, Illinois 62450

DESIGNATED AGENT Larry Dawson  
Address Five Forks, W.Va. 26145  
304-354-6029

OIL AND GAS ROYALTY OWNER "See Attached"  
Address    

COAL OPERATOR None  
Address    

Acreage 338

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER William Taylor  
Address Box 143  
Burnt House, W.Va.

NAME "Same as Royalty Owner"  
Address    

Acreage 338

NAME      
Address    

FIELD SALE (IF MADE) TO:  
NAME Consolidated Gas Supply Corp.  
Address 445 West Main Street  
Clarksburg, W.Va. 26301

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME      
Address    

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Samuel Hersman  
Address P.O. Box 66  
Smithville, W.Va. 26178  
Telephone 304-477-3597

**RECEIVED**

SEP 13 1982

**OIL & GAS DIVISION  
DEPT. OF MINES**

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed     / lease     / other contract X / dated 4/3, 1982, to the undersigned well operator from Gene Stalnaker.

(If said deed, lease, or other contract has been recorded:)

Recorded on 4/9, 1974, in the office of the Clerk of County Commission of Ritchie County, West Virginia, in 117 Book at page 728. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper     / Redrill     / Fracture or stimulate     / Plug off old formation     / Perforate new formation     / Other physical change in well (specify)    

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

05/03/2024

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

Murvin Oil Company  
Well Operator

By: Gary L. Hill  
Its: Vice-President

**BLANKET BOND**

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Unknown

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Shale  
Estimated depth of completed well 4000 feet. Rotary  / Cable tools  /  
Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.  
Approximate coal seam depths: None  
Is coal being mined in this area: Yes  / No  /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor									Kinds
Fresh water	8 5/8	J/K	20	X		250		100 sacks	Sizes
Coal									
Intermed.									
Production	4 1/2	J/K	10.5	X		4000		225 sacks	Depths/set
Tubing									
Liners									Perforations: Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE PLACED AT THE WELL SITE.  
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,  
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY  
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE  
IF OPERATIONS HAVE NOT COMMENCED BY 5-28-83.  
BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator      / owner      / lessee      / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_

Its: \_\_\_\_\_

05/03/2024

BLANKET BOND



Date September 9, 1982  
 Well No. R. Allen #4  
 API No. 47 - 085 - 5905  
 State W.Va.

STATE OF WEST VIRGINIA  
 OFFICE OF OIL AND GAS

Company Name Murvin Oil Corporation Designated Agent Larry Dawson  
 Address Box 297, Olney, Illinois Address Five Forks, W.Va.  
 Telephone 618-383-2124 Telephone 304-354-6029  
 Landowner William Taylor Soil Cons. District Little Kanawha

Revegetation to be carried out by \_\_\_\_\_ (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan. 9-14-82 Jarrett Newton  
 (Date) (SCD Agent)

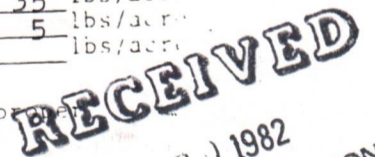
Access Road	Location
Structure <u>Culvert</u> (A)	Structure <u>Diversion Ditched</u> (1)
Spacing <u>Min Size 10"</u>	Material <u>Earthen</u>
Page Ref. <u>Manual I-7</u>	Page Ref. <u>Manual I-11</u>
Structure <u>Damage Ditch</u> (B)	Structure _____ (2)
Spacing _____	Material <u>Rock</u>
Page Ref. <u>Manual I-11</u>	Page Ref. <u>Manual N/A-2-10</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. <u>Manual _____</u>	Page Ref. <u>Manual _____</u>

All structures should be inspected regularly and repaired if necessary.  
 All commercial timber is to be cut and stacked. All brush and small timber to be cut and removed from site before dirt work begins.

Revegetation

Treatment Area I	Treatment Area II
Lime <u>2</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>2</u> Tons/Acre or correct to pH _____
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2</u> Tons/Acre	Mulch <u>Hay</u> <u>2</u> Tons/Acre
Seed* <u>K-31</u> <u>35</u> lbs/acre	Seed* <u>K-31</u> <u>35</u> lbs/acre
<u>Ladino Clover</u> <u>5</u> lbs/acre	<u>Ladino Clover</u> <u>5</u> lbs/acre

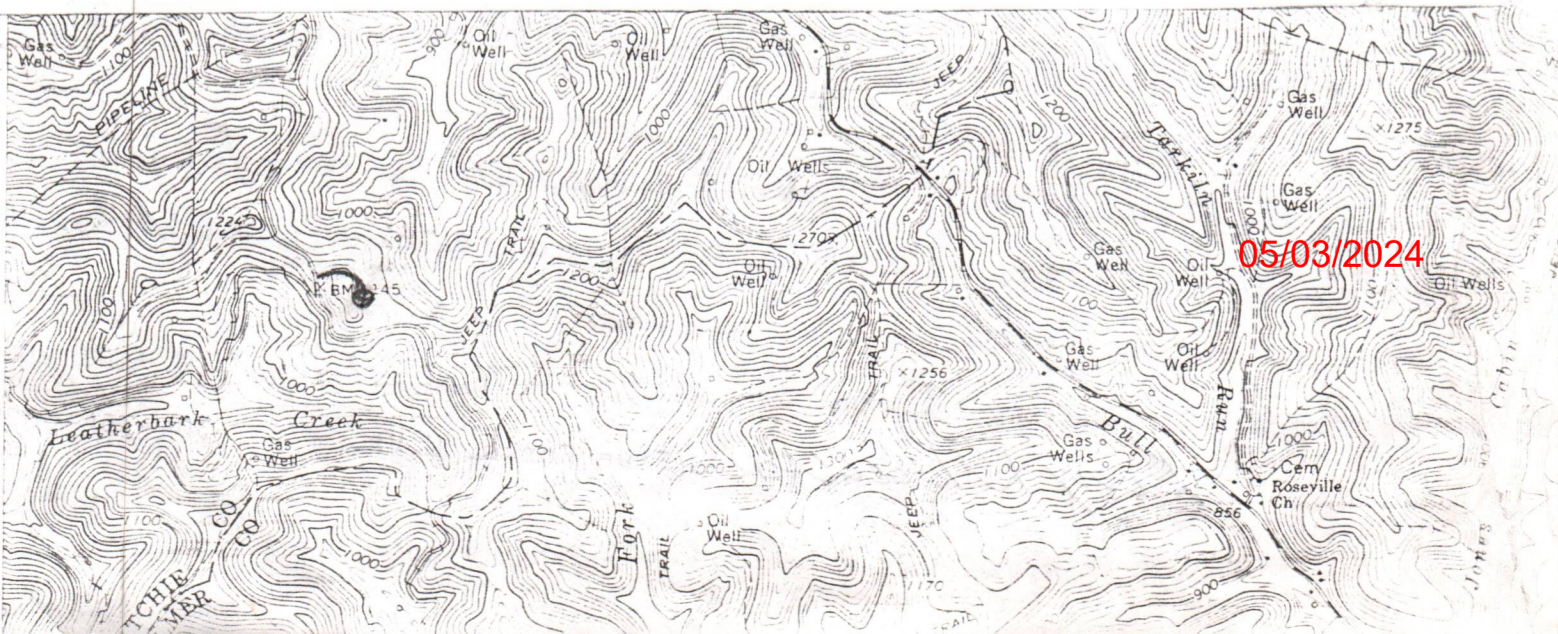
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.



SEP 20 1982  
 OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

Attach or photocopy section of involved Topographic map. Quadrangle Burnt House 7.5'

Legend: Well Site  
 Access Road



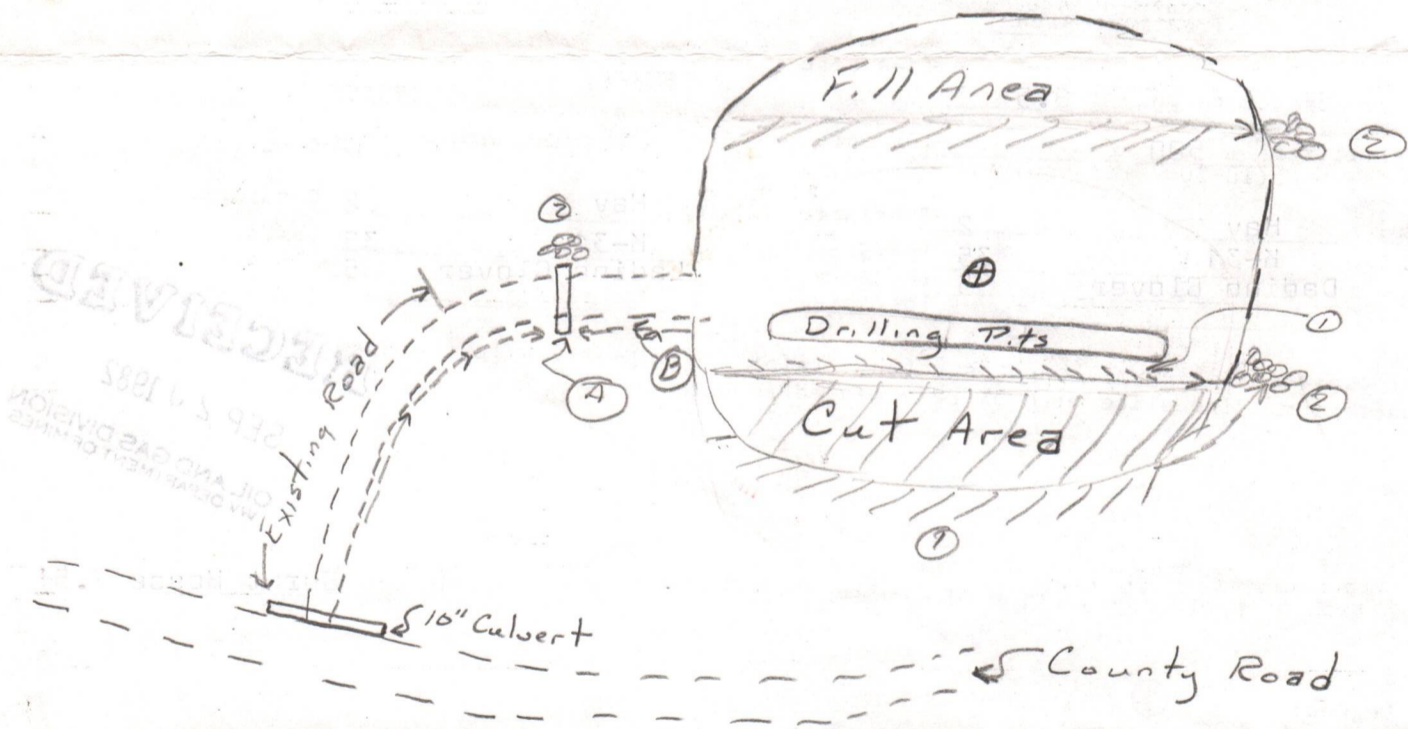
Well Site Plan

Legend:

- Property Boundry
- Road
- Existing Fence
- Planned Fence
- Stream
- Open Ditch

- Diversion
- Spring
- Wet Spot
- Building
- Drain Pipe
- Waterway

Sketch to include well location, existing access road, roads to be constructed wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



- Comments:
- 1) Condition of land is idle land with briars and weeds currently over location
  - 2) Existing culvert at county road will be maintained
  - 3) Access road to location is an old farming road that will be widened
  - 4) Seed mixture II will be used on all cuts, fill areas, and slopes
- Signature: Larry H. Clausen Five Forks, W. Va. Address
- 304-354-6029 Phone Number

05/03/2024

... farmers cooperation to protect new seeding for one growing season



1) Date: May 10, 19 83  
 2) Operator's Well No. R. Allen #4  
 3) API Well No. 47 085 5905 -REN  
 State County Permit

DRILLING CONTRACTOR:

Unknown

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil      / Gas X /  
 B (If "Gas", Production      / Underground storage      / Deep      / Shallow X /)
- 5) LOCATION: Elevation: 1040 Watershed: Grass Run  
 District: Murphy County: Ritchie Quadrangle: Burnt House 7.5'
- 6) WELL OPERATOR Murvin Oil Corporation 11) DESIGNATED AGENT Larry Dawson  
 Address Box 297 Address Five Forks, W.Va. 26145  
Olney, Illinois 62450 304-354-6029
- 7) OIL & GAS ROYALTY OWNER "See Attached" 12) COAL OPERATOR None  
 Address      Address
- 8) SURFACE OWNER William Taylor 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Box 143 Name "Same as Royalty Owner"  
Burnt House, W.Va. Address       
 Acreage 338 Name       
 Address
- 9) FIELD SALE (IF MADE) TO:  
 Address Consolidated Gas Supply Corp.  
445 W. Main St. Clarksburg, W.Va.
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Samuel Hersman Address       
 Address Box 66 Address       
Smithville, W.Va. 26178
- 15) PROPOSED WORK: Drill X / Drill deeper      / Redrill      / Fracture or stimulate       
 Plug off old formation      / Perforate new formation       
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 17) Estimated depth of completed well, 4000 feet
- 18) Approximate water strata depths: Fresh,      feet; salt,      feet.
- 19) Approximate coal seam depths: none Is coal being mined in the area? Yes      / No X /

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MAY 11 1983  
OIL & GAS DIVISION  
DEPT. OF MINES

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor	10 3/4	H	42	X		250	250	100 sacks	Kinds	NEAT
Fresh water										
Coal									Sizes	
Intermediate										
Production Tubing	4 1/2	J/K	10.5	X		4000	4000	225 sacks	Depths set	
Liners									Perforations:	
									Top	Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No   
 If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Rena Nuck (Drews)  
 My Commission Expires February 19, 1987

Signed: Gary L. Hill  
 Its: Vice-President

OFFICE USE ONLY

Permit number 47-085-5905-REN. DRILLING PERMIT Date May 26 1983  
05/03/2024

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires January 26, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>3088</u>
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Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

05/03/2024

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_

Mineral owner:

1. Robert Allen (¼)  
6704 Danford Drive  
Clinton, Maryland 20735
2. Marie Osbourn (¼)  
432 Maryland Avenue  
Harrisville, W.Va. 26362
3. Tracy Fling (¼)  
201 N. Bradford Avenue  
Apt. C-8  
West Chester, Pennsylvania 19380
4. James Ratcliff (¼)  
Route #1 Box 101  
Strasburg, Virginia 22657

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SEP 13 1982

OIL & GAS DIVISION  
DEPT. OF MINES

**RECEIVED**  
SEP 20 1982

OIL & GAS DIVISION  
DEPT. OF MINES

05/03/2024

AFFIDAVIT

No 4576

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MAY 11 1983

OIL & GAS DIVISION  
DEPT. OF MINES

LESSORS: ROBERT B. ALLEN and wife and  
 JAMES J. RATCLIFFE and wife

LESSEE: GENE STALNAKER

ASSIGNOR: GENE STALNAKER

ASSIGNEE: MURVIN OIL CORPORATION

DATE OF LEASE: May 5, 1973

LANDS LEASED: 338 acres situate partly in Murphy District,  
 Ritchie County and partly in DeKalb District,  
 Gilmer County, West Virginia.

STATE OF ILLINOIS,  
 COUNTY OF RICHLAND, To-Wit:

The undersigned PETER A. MORSE, SR., being first duly sworn upon his oath does depose and say as follows:

- (1) He is Vice President of Murvin Oil Company, a corporation, and as such he has the authority to make this affidavit.
- (2) That by lease, <sup>a copy of which is</sup> attached hereto as Exhibit A, dated May 5, 1973, Robert B. Allen and Ella Sue Allen, his wife, and James Ratcliffe and Geraldine Ratcliffe, his wife, did lease, for oil and gas purposes, unto Gene Stalnaker, a tract of land described in said lease as being situate in Murphy District of Ritchie County, West Virginia, and containing 338 acres, less 5 acres subject to a then-existing lease.

05/03/2024

...erving from this lease is an existing well belonging to G.W. Miller  
 ...ch holds 5 acres. Also a well will be drilled by the 1st of Oct. 1973.



(3) That by assignment dated April 4, 1974, attached hereto as Exhibit B, the said Gene Stalnaker did set over and assign to Murvin Oil Corporation, the working interest in said lease from Robert B. Allen, et al., to Gene Stalnaker, dated May 5, 1973.

(4) That said 338 acre tract actually lies partly in Ritchie County and partly in Gilmer County, 29-1/2 acres, more or less, lying in Dekalb District of Gilmer County, West Virginia.


(5) That said 338 acre tract is the same tract of land designated and described in that certain deed from Lillie B. Fling, widow, et al., grantors, to George Parks, grantee, dated December 10, 1946, of record in Gilmer County, West Virginia, in Deed Book 157, page 445, and subsequently conveyed and described by deed from George Parks and wife to Ira Mason dated October 10, 1947, of record in Gilmer County in Deed Book 166, page 5; deed from Ira Mason and wife to Robert B. Allen, et al., dated January 16, 1970, of record in Gilmer County in Deed Book 256, page 672; and deed from Robert B. Allen, et al., to William E. Taylor, et al., dated July 15, 1975, of record in Gilmer County in Deed Book 277, page 255. The surface of the 29-1/2 acre portion of the 338 acre tract which lies in Gilmer County was included in a conveyance from William E. Taylor, et al., to Paul Erich, et al., dated September 1, 1981, of record in Gilmer County in Deed Book 319, page 370.

(6) That the said lease from Robert B. Allen, et al., to Gene Stalnaker dated May 5, 1973, currently is in full force and effect by virtue of the said Murvin Oil Company having drilled a producing oil or gas well on the

Observing from this lease is an existing well belonging to G.W. Miller  
which holds 5 acres. Also a well will be drilled by the 1st of Oct. 1973.

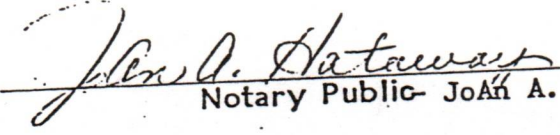
leasehold premises, which well is still producing and for which production royalties are being paid in accordance with the terms of said lease.

Further, this affiant sayeth not.

  
PETER A. MORSE, SR.  
Vice President  
Murvin Oil Company

Sworn to and subscribed before me, a notary public for said

County and State, this 18th day of October, 1982.

  
Notary Public - Joan A. Hataway

My commission expires December 4, 1984



05/03/2024

Reserving from this lease is an existing well belonging to G.W. Miller which holds 5 acres. Also a well will be drilled by the 1st of Oct. 1973.

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AUG 12 1983



IV-35  
(Rev 8-81)

OIL & GAS DIVISION  
DEPT. OF MINES  
State of West Virginia  
Department of Mines  
Oil and Gas Division

Date August 8, 1983  
Operator's  
Well No. #4  
Farm R. Allen  
API No. 47 - 085 - 5905-Ren.

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection    / Waste Disposal    /  
(If "Gas," Production    / Underground Storage    / Deep    / Shallow X /)

LOCATION: Elevation: 1040 Watershed Grass Run  
District: Murphy County Ritchie Quadrangle Burnt House - 7.5'

COMPANY Murvin Oil Corporation  
ADDRESS Box 297 Olney, Illinois 62450  
DESIGNATED AGENT Larry Dawson  
ADDRESS Five Forks, W.Va. 26145  
SURFACE OWNER William Taylor  
ADDRESS Box 143 Burnt House, W.Va.  
MINERAL RIGHTS OWNER "See Attached"  
ADDRESS   

OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman  
ADDRESS Box 66 Smithville, W.V.  
PERMIT ISSUED May 26, 1983  
DRILLING COMMENCED June 17, 1983  
DRILLING COMPLETED June 20, 1983

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON   

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
<del>3</del> -10"		387	188.8
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2		3976	476.0
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Shale Depth 4000 feet  
Depth of completed well 4032 feet Rotary X / Cable Tools     
Water strata depth: Fresh 145 feet; Salt    feet  
Coal seam depths: 1480 - 1828 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Shale Pay zone depth 2556-3341 feet  
Gas: Initial open flow 15 Mcf/d Oil: Initial open flow    Bbl/d  
Final open flow 377 Mcf/d Oil: Final open flow    Bbl/d  
Time of open flow between initial and final tests 35 ~~hours~~ days  
Static rock pressure 550 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)

Second producing formation N/A Pay zone depth    feet  
Gas: Initial open flow    Mcf/d Oil: Initial open flow    Bbl/d  
Final open flow    Mcf/d Oil: Final open flow    Bbl/d  
Time of open flow between initial and final tests    hours  
Static rock pressure    psig (surface measurement) after    hours shut in

(Continue on reverse side)

KIT. 5905 - KEM.

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location				
PLUGS USED AND DEPTH PLACED						BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST		

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

DATE \_\_\_\_\_ I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR

Murvin Oil Corporation  
Well Operator

By: Cary L. Hill

05/03/2024

Date: August 8, 1983

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED

AUG 29, 1983

INSPECTOR'S WELL REPORT OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 85-5905-REN

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Murvin Oil Corp.  
 Address \_\_\_\_\_  
 Farm William Taylor  
 Well No. Robert Alan #4  
 District Murphy County Petchie  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: Status Report  
Location Reclaimed Seeded Mulched  
NO I.D. # at well site yet  
Needs cross ditches cut in entrance road  
Can not release

8-23-83  
DATE

Samuel N. Fisman 05/03/2024  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

05/03/2024

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

**RECEIVED**  
 OCT 10 1983

OIL & GAS DIVISION  
**DEPT. OF MINES**

FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

Permit No. 085-5905-REN

County Ritchie/Murphy

Company Murvin Oil Corp.

Farm William Taylor

Inspector SAMUEL N. HERSMAN

Well No. #4

Date August 22, 1983

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	<u>X</u>	_____
25.01	Necessary Equipment to prevent Waste	<u>X</u>	_____
23.03	Reclaimed Drilling Site	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS: OK. TO RELEASE

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

*Mike Underwood*  
 05/03/2024 - 84



State of West Virginia  
 Department of Mines  
 Oil and Gas Division  
 Charleston 25305

WALTER N. MILLER  
 DIRECTOR

THEODORE M. STREIT  
 ADMINISTRATOR

January 3, 1985

Murvin Oil Corp.  
 P. O. Box 297  
 Olney, Illinois 62450

In Re: PERMIT NO: 47-085-5905-REN  
 FARM: William Taylor  
 WELL NO: 4  
 DISTRICT: Murphy  
 COUNTY: Ritchie  
 ISSUED: 5-26-83

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

       The well designated by the above permit number has been released under your Blanket Bond.

       Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

XX Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator  
 Office of Oil & Gas - Dept. Mines

TMS/chm

05/03/2024



APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

**RECEIVED**  
OCT 11 1983

OIL & GAS DIVISION  
DEPT. OF MINES

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 085 - 5905 - Ren.			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	NA Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4032 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Murvin Oil Company Name P. O. Box 297 Street Olney, IL 62450 City State Zip Code Seller Code			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Grass Run Field Name Ritchie WV County State			
(b) For OCS wells:	NA Area Name Block Number Date of Lease: NA Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	R. Allen #4			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Shale			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Supply Corp. 004228 Name Buyer Code			
(b) Date of the contract:	5 10 13 17 14 Mo. Day Yr.			
(c) Estimated total annual production from the well:	50 Million Cubic Feet			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	2.814		(d) Total of (a), (b) and (c)
9.0 Person responsible for this application:	Murvin Oil Company Executive Vice-President Name Title Signature Peter A. Morse, Sr. Date Application is Completed 9/19/83 Phone Number 393-2124			

Agency Use Only  
Date Received by Juris. Agency  
OCT 11 1983  
Date Received by FERC

ERC-121 (8-82)  
83

05/03/2024

PARTICIPANTS:

DATE: JAN 6 1984

BUYER-SELLER CODE

WELL OPERATOR: Murvin Oil Company

FIRST PURCHASER: Consolidated Gas Supply Corp.

OTHER: \_\_\_\_\_

-  
004228

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
831011-103-085-5905  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*1500' Radius*  
~~\*085-6153 → 934' - Commenced 1-17-83 prod. Shale~~  
~~085-4923 → 1736'~~  
*Withdrawn per letter dated 2/6/84*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. 7.0 + 8.0 b/c
- 2. IV-1 Agent  Larry D. Dawson
- 3. IV-2 Well Permit
- 4. IV-6 Well Plat
- 5. IV-35 Well Record  Drilling  Deepening
- 6. IV-36 Gas-Oil Test: Gas Only  Was Oil Produced?  Ratio
- 7. IV-39 Annual Production  years
- 8. IV-40 90 day Production  Days off line:
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - (54) - 55 - 56 - 57 - 58 Complete?  Affidavit Signed
- 18-28. Other: Survey  Logs  Geological Charts   
 Structure Map  1: 4000 Map  Well Tabulations   
 Gas Analyses
- (5) Date commenced: 6-17-83 Date completed 6-20-83 Deepened
- (5) Production Depth: 2556-3341
- (5) Production Formation: Shale
- (5) Final Open Flow: 377 MCF
- (5) After Frac. R. P. 550# 24 hrs.
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
- (8) Line Pressure: \_\_\_\_\_ PSIG from Daily Rep
- (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

05/03/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date September 19, 1983

Operator's Well No. R. Allen #4

API Well No. 47 - 085 - 5905  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. \_\_\_\_\_  
(If Applicable)

WELL OPERATOR Murvin Oil Company  
ADDRESS P. O. Box 297  
Olney, Illinois 62450

DESIGNATED AGENT Larry D. Dawson  
ADDRESS Five Forks,  
W. Va 26145

Gas Purchase Contract No. 3721 and Date 5 3 74  
(Month, day and year)

Meter Chart Code NA

Name of First Purchaser Consolidated Gas Supply Corp.  
415 West Main Street  
(Street or P. O. Box)  
Clarksburg, West Virginia 26301  
(City) (State) (Zip Code)

FERC Seller Code NA FERC Buyer Code 004228

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA NA Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Murvin Oil Company Executive Vice-President  
Name (Print) Title  
Peter A. Morse, Sr.  
Signature  
P. O. Box 297  
Street or P. O. Box  
Olney, IL 62450  
City State (Zip Code)  
(618) 393-2124  
Area Code Phone Number



(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978 (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_

Initial review of information submitted indicates the well  is.  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

OCT 11 1983

Date received by  
Jurisdictional Agency

By [Signature]  
Title \_\_\_\_\_

05/03/2024



05/03/2024

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. R. Allen #4  
API Well No. 47 - 085 - 5905  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

DESIGNATED AGENT Larry D. Dawson  
ADDRESS Five Forks  
West Virginia 26145  
WELL OPERATOR Murvin Oil Company LOCATION: Elevation 1040  
ADDRESS P. O. Box 297 Watershed Grass Run  
Olney, IL 62450 Dist. Murphy County Ritchie Quad. Burnt House  
GAS PURCHASER Consolidated Gas Supply Gas Purchase Contract No. 3721  
ADDRESS 415 West Main Street Meter Chart Code NA  
Clarksburg, WVA 26301 Date of Contract 5/3/74

\* \* \* \* \*

Date surface drilling was begun: June 17, 1983

X Indicate the bottom hole pressure of the well and explain how this was calculated: 595.21

$$\begin{aligned} BHP &= P_1 + P_1 (e^x - 1) \\ &= 550 + 550 (e^{.07984} - 1) \\ &= 550 + 550 (1.0822 - 1) \\ &= 550 + 550 (.0822) \\ &= 550 + 45.21 \\ BHP &= 595.21 \end{aligned}$$

where  $P_1 =$  Surface Pressure (550)  
 $X = GL \div 53.34 \times T_A$   
 $G =$  Gas Gravity (.068)  
 $L = 3341$  bottom permeability  
 $T_A = T_f + 460$   
 $T_f = (.022 \times L)$   
 $e^x$  determined from exponential tables

I, Peter A. Morse Sr., having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Illinois  
STATE OF ~~WEST VIRGINIA~~

COUNTY OF Richland, TO WIT:

I, Donna L. Judge, a Notary Public in and for the state and county aforesaid, do certify that Peter A. Morse, Sr. whose name is signed to the writing above, bearing date

the 19th day of Sept., 1983, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 19th day of April, 1983.

My term of office expires on the 22 day of November, 1986.

[NOTARIAL SEAL]

05/03/2024

05/03/2024

FERC-121

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 085 - 5905 -				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA	NA Category Code			
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4032 feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Murvin Oil Company Name			Seller Code	
	P. O. Box 297 Street				
	Olney, City	IL State	62450 Zip Code		
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Grass Run Field Name		WV State		
(b) For OCS wells:	NA Area Name		NA Block Number		
	Date of Lease: NA Mo. Day Yr.		NA OCS Lease Number		
(c) Name and identification number of this well: (35 letters and digits maximum.)	R. Allen #4				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Shale				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Supply Name			004228 Buyer Code	
(b) Date of the contract:	15 10 13 17 14 Mo. Day Yr.				
(c) Estimated total annual production from the well:	Million Cubic Feet				
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	4 . 0 9 2	- . - - -	- . - - -	4 0 9 2
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	4 . 0 9 2	- . - - -	- . - - -	4 0 9 2
9.0 Person responsible for this application:	Murvin Oil Company Name				
Agency Use Only	Executive Vice-President Title				
Date Received by Juris. Agency	Signature Peter A. Morse, Sr.				
MAY 23 1985	Date Application is Completed				
Date Received by FERC	618-393-2124 Phone Number		05/03/2024		

U.S. DEPARTMENT OF ENERGY  
Federal Energy Regulatory Commission  
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**  
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
NA	NA	NA
_____	_____	_____
_____	_____	_____

Remarks:



JUN 14 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: May 17, 1985

34050

AGENCY USE ONLY

Applicant's Name: Murvin Oil Corporation

Address: P. O. Box 297  
Olney, Illinois 62450

Gas Purchaser Contract No. 3721

Date of Contract May 3, 1974  
(Month, day and year)

First Purchaser: Consolidated Gas Transmission

Address: 445 West Main Street  
(Street or P.O. Box)  
Clarksburg, WVA 26302  
(City) (State) (Zip Code)

FERC Seller Code NA

WELL DETERMINATION FILE NUMBER

850523 1080 085 5905  
47 - 085 - 5905 0000

Use Above File Number on all  
Communications Relating to This Well

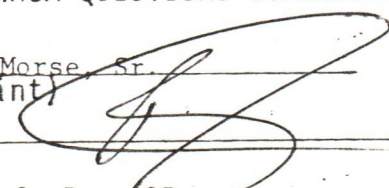
Designated Agent: Larry Dawson

Address: Five Forks  
West Virginia 26145

FERC Buyer Code 004228

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

Name: Peter A. Morse Sr. (Print) Executive Vice-President (Title)

Signature: 

Address: P. O. Box 297  
(Street or P.O. Box)  
Olney, Illinois 62450  
(City) (State) (Zip Code)

Telephone: (618) 393-2124  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 02 New Natural Gas
- 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
  - 108-1 Seasonally Affected
  - 108-2 Enhanced Recovery
  - 108-3 Temporary Pressure Buildup

- 03 New Onshore Production Well
- 103 New Onshore Production Well

- 07 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - 107-3 Devonian Shale
  - 107-5 Production enhancement
  - 107-6 New Tight Formation
  - 107-7 Recompensation Tight Formation

AGENCY USE ONLY

**QUALIFIED**

05/03/2024

**RECEIVED**

MAY 23 1985

**OIL & GAS DIV.  
DEPT. OF MINES**

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION  
WELL CLASSIFICATION FORM



STRIPPER GAS WELL

Date: May 17, 1985

NGPA Section 108

Operator's Well No. R. Allen #4

API Well No. 47 - 085 - 5905  
State County Permit

Well Operator: Murvin Oil Corporation

Address: P.O. Box 297  
Olney, IL 62450

Gas Purchaser: Consolidated Gas Transmission

Address: 445 West Main St.  
Clarksburg, WV 26302

Designated Agent: Larry D. Dawson

Address: Five Forks  
West Virginia 26145

Location: Elevation 1040

Watershed Grass Run

Dist. Murphy County Ritchie Quad. Burnt Hs

Gas Purchase Contract No. 3721

Meter Chart Code H249

Date of Contract 5-3-74

\*\*\*\*\*

All applicants must complete FERC Form 121, including question No. 2.0 which should state Section 108 of NGPA.

QUALIFICATIONS

1. Rate of Production

a.) What date did the well have first production? 5-1, 1984

b.) What are the beginning and ending dates of the 90-day production period?

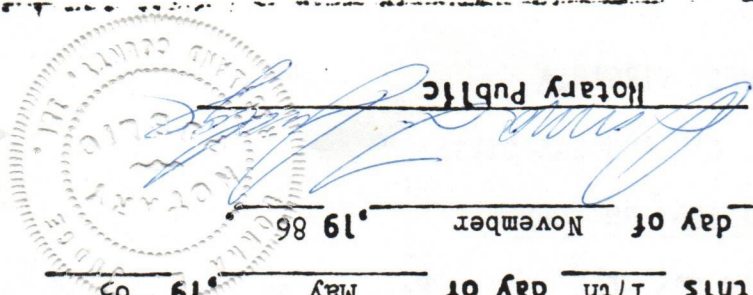
From 11-8, 1984 to 2-10, 1985. During this 90-day production period, what was the total and average per-day production? The well produced a total of 56 MCF or average 1 MCF per day.

2. Maxium Efficient Rate of Flow

The operator must establish that the well produced at its maxium efficient rate of flow by use of one of the following procedures (Check one):

[ ] a.) If the filing date is more than one year from the date of first production, provide production on IV-39 for twelve months prior to the last day of the 90-day production period (2-1 in item 1). This twelve month period is 05/03/2024 through (month-day-year) and produced a total of \_\_\_\_\_ MCF or average \_\_\_\_\_ per day.

[x] b.) If the well does not have a 12-month history of production; but has recently



Given under my hand and official seal this 17th day of May, 19 85. My term of office expires on the 22nd day of November, 19 86.

the same before me, in my county aforesaid. writing above, bearing date the 17th day of May, 19 85, has acknowledged aforesaid, do certify that Peter A. Morse, Sr., whose name is signed to the

I, Donna L. Judge, a Notary Public in and for the state and county of Illinois, COUNTY OF Richland, TO-WIT:

Peter A. Morse, Sr.

I, Peter A. Morse, Sr., having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

AFFIDAVIT

Describe the search made of any records listed above:

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax records and royalty payment records) and indicate the location of such records.

How much oil per day? How much oil did the well produce during the 90-day production period? (total bbls)

4. Crude Oil

b.) Why was no gas produced on these dates? Broken valve

a.) List the dates during the production period (including the 90-day production period) which gas was not produced. 2-10-85 - 3-5-85

3. Dates

c.) Will the maximum efficient rate of flow be established by other evidence?

on Form 1020/50 05/05/2024

(item 1). All available months of production preceding the filing date are shown produced an average of 60 Mcf or less per production day for the 90-day period

IV-39-WC

STATE OF WEST VIRGINIA  
DEPARTMENT - MINES  
DIVISION - OIL AND GAS

OPERATOR

*May 1985 filing date*  
Marvin Oil Corporation

REPORT OF MONTHLY PRODUCTION  
GAS VOLUMES IN MCF @ 14.73  
OIL IN BARRELS @ 60 DEGREES

REPORT DATE  
5-17-85

05/03/2024

YEAR 19 84-85 (May, 1984 thru March, 1985)

API 47-085-5905

FARM R. Allen #4

COUNTY

Ritchie

AVG. FLOW PRESSURE: 1984

SHUT-IN PRESSURE

TOTALS

GAS MCF 1985 20

8 -0-

322

564

158

139

30

110

84

40

28

GAS

~~1181~~

OIL BRL. J- 33

F- 28

M- 23

A- 4

M- 33

J- 29

J- 29

A- 23

S- 39

O- 30

N- 29

D- 33

OIL

YEAR 19 84

$\frac{40}{55} = 0.72$

API FARM

COUNTY

AVG. FLOW PRESSURE

SHUT-IN PRESSURE

TOTALS

GAS MCF

GAS

OIL BRL. J- F- M- A- M- J- J- A- S- O- N- D-

OIL

DAYS ON LINE

SUMMARIZATION SCHEDULE  
Section 271. 804 (b)

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

422  
AGREEMENT

made and entered into the fifth day of May 1973 by and

Robert Allen and his wife

James Ratcliff and his wife

County of \_\_\_\_\_ and state of W. V. \_\_\_\_\_ part \_\_\_\_\_ of the first part

heretofore called Lessors, whether one or more, and \_\_\_\_\_ party of the second part, hereinafter called Lessee.

WITNESSETH, that the said Lessee for and in consideration of the sum of \_\_\_\_\_ Dollars to them in hand well and truly paid by said Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the said Lessee, to be paid, kept and performed, have granted, demised, leased and let and by these presents do grant, demise, lease and let with covenants of quiet possession, and that they have the sole right so to grant and demise, unto the said Lessee, its successors and assigns, for the purpose of mining and operating for oil and gas, and of building tanks, stations, power plants, water stations and structures thereon to take care of the said products, and of laying pipe lines on, over and across the leased premises and other lands of Lessors, for the purpose of conveying oil, gas, steam or water therein from and to wells and pipe lines on the premises and on adjoining and adjacent farms, and rights of way for road ways over this and other land of Lessors.

all that certain tract of land situate in \_\_\_\_\_ County and State of \_\_\_\_\_

West Virginia, on the waters of \_\_\_\_\_ bounded as follows:

On the North by lands of \_\_\_\_\_

On the East by lands of \_\_\_\_\_

On the South by lands of \_\_\_\_\_

On the West by lands of \_\_\_\_\_

Containing \_\_\_\_\_ acres, more or less, reserving, however, therefrom all lands within two hundred feet of the resident buildings now on the premises on which no well shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for the term of ten years from this date and as long thereafter as oil or gas, or either of them, is produced from the said lands by the said Lessee, its successors and assigns.

In consideration of the premises the said party of the second part, covenants and agrees: 1st—to deliver to the credit of the Lessors, their heirs or assigns, free of cost, in the pipe line to which the Lessee may connect with its wells \_\_\_\_\_ the equal one-eighth (1/8) part of all oil produced and saved from the leased premises; and second, to pay \_\_\_\_\_ one-eighth (1/8) of the value at the well of the gas from each and every gas well drilled on said premises, the product from which is marketed and used off the premises, said gas to be measured at a meter set on the farm.

The Lessee shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by Lessors or their predecessors in title or otherwise. And any such outstanding royalty or interest shall first be deducted from the royalties and rentals above provided to be paid or delivered.

It is agreed by the parties hereto that the Lessee, its successors and assigns, shall have the right to use off the farm for such purposes as it may desire, "Casing Head Gas," (being gas produced from wells on the premises), but if said "casing head gas" or any part thereof should be manufactured into gasoline or other by-products by said company, said Lessors shall receive \_\_\_\_\_ one-eighth of the net value at the factory of the gasoline and other by-products so manufactured.

The Lessors may lay a line to any gas well drilled on said land and take gas therefrom free for their own use for heat and light in one dwelling house on said land, out of any surplus gas over and above what Lessee, its successors and assigns, may require to operate the lease, and subject to the use, operation, pumping and right of abandonment of the well by Lessee, its successors and assigns; Lessors are to provide and use economical appliances and to use said gas at their own risk, subject to the reasonable rules and regulations of said Lessee, its successors and assigns, published at such time relating to such use of gas.

Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion of the farm. And it is agreed that the leased premises may be fully and freely used by the Lessors for farming purposes, excepting such parts as are used by the Lessee in operating hereunder, and further, that the said Lessee may drill or not drill on said land, as it may elect, and that the consideration and rentals paid and to be paid constitute adequate compensation for such privileges.

The said Lessee covenants and agrees to pay a rental at the rate of \_\_\_\_\_ one dollar \_\_\_\_\_

(\$ \_\_\_\_\_ 84.50) Dollars quarterly in advance, beginning in \_\_\_\_\_ months from this date, until, but not after, a well yielding royalty to the Lessors is drilled on the leased premises, and any rental paid for time beyond the date of completion of a gas well shall be credited upon the first royalty due upon the same and all rentals shall cease after the surrender of the lease as hereinafter provided for. All payments for delay, for gas produced and marketed, for gasoline and other by-products may be made direct to the Lessors or be deposited to their credit, or to the credit of their heirs

and assigns in the \_\_\_\_\_ Bank of \_\_\_\_\_ or by check mailed to \_\_\_\_\_ Robert Allen \_\_\_\_\_ at \_\_\_\_\_

6704 Danford Drive \_\_\_\_\_ P. O. Clinton, Md. 20735 \_\_\_\_\_ County, \_\_\_\_\_

State of \_\_\_\_\_; such payments may also be made in the same manner to \_\_\_\_\_ who is hereby appointed agent for the lessors to receive the same.

It is agreed that the Lessee is to have the privilege of using free sufficient water and gas from the said premises to run all machinery necessary for drilling and operating thereon and at any time to remove all machinery and fixtures placed on said premises; and further, upon the payment of (\$1.00) One Dollar at any time, by the party of the second part, or by its successors and assigns it or they shall have the right to surrender this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and determine, and this lease becomes absolutely null and void.

Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the postoffice of a check, payable as above provided, for said last mentioned sum and all amounts then due hereunder, shall be a full surrender and termination of this lease.

All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

In Witness Whereof, the parties of this agreement have hereunto set their hands and seals the day and year first above written.  
Witness:  
Dorothy G. Moorefield \_\_\_\_\_  
Mary H. Solomon \_\_\_\_\_  
Nancy L. Jordan \_\_\_\_\_  
X Robert B. Allen \_\_\_\_\_ (Seal)  
X Ella Sue Allen \_\_\_\_\_ (Seal)  
James J. Ratcliff \_\_\_\_\_ (Seal)  
Geraldine Ratcliff \_\_\_\_\_ (Seal)

05/03/2024

Reserving from this lease is an existing well belonging to G.W. Miller which holds 5 acres. Also a well will be drilled by the 1st of Oct. 1973.

his wife, whose name LS signed to the writing above bearing date the \_\_\_\_\_ day of \_\_\_\_\_  
October A. D. 19 73 has this day acknowledged the same before me  
 in my said county.  
 Given under my hand this 13th day of DECEMBER A. D. 19 73  
 Notary Public Ritchie County, W. Va.  
 My Commission expires Feb. 6, 1982

State of Pennsylvania County of Chester to-wit:  
 I, M. R. McDonald  
 a Notary Public of said County of Chester do certify that  
J. B. Fling, Single and \_\_\_\_\_

his wife, whose name is signed to the writing above bearing date the 18th day of  
December A. D. 19 73 has this day acknowledged the same before me  
 in my said county.  
 Given under my hand this 18th day of December A. D. 19 73  
 Notary Public Chester County, Pennsylvania  
 My Commission expires June 17, 1974.

State of \_\_\_\_\_ County of \_\_\_\_\_ to-wit:  
 I, \_\_\_\_\_  
 a \_\_\_\_\_ of said County of \_\_\_\_\_ do certify that  
 \_\_\_\_\_ and \_\_\_\_\_

his wife, whose name \_\_\_\_\_ signed to the writing above bearing date the \_\_\_\_\_ day of \_\_\_\_\_  
 A. D. 19 \_\_\_\_\_ has this day acknowledged the same before me  
 in my said county.  
 Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19 \_\_\_\_\_  
 Notary Public \_\_\_\_\_ County, \_\_\_\_\_  
 My Commission expires \_\_\_\_\_

For and in consideration of the sum of One Dollar, cash in hand paid, receipt of which is hereby acknowledged, \_\_\_\_\_  
 hereby assigned, transfer, set over and convey all \_\_\_\_\_ right, title to and interest in the within described oil and gas  
 lease to \_\_\_\_\_ to have and to hold according to all the terms contained therein.  
 \_\_\_\_\_ (SEAL)  
 \_\_\_\_\_ (SEAL)

Taken, subscribed and sworn to before me, \_\_\_\_\_  
 a Notary Public of \_\_\_\_\_ County \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19 \_\_\_\_\_  
 My commission expires \_\_\_\_\_ Notary Public

Globe Form 25 Rev.

OIL AND GAS LEASE  
FROM

RECEIVED  
OIL & GAS DIVISION  
DEPT. OF MINES  
SEP 13 1982

Date \_\_\_\_\_ 19\_\_\_\_  
 Term, \_\_\_\_\_ Years.  
 Number of Acres \_\_\_\_\_  
 LOCATION

District \_\_\_\_\_  
 County \_\_\_\_\_  
 Received for Record \_\_\_\_\_ 19\_\_\_\_  
 Recorded \_\_\_\_\_ 19\_\_\_\_  
 In Book \_\_\_\_\_ Page \_\_\_\_\_

Filed and admitted to record in the office  
 of the Clerk of the County of Ritchie  
 County, W. Va. DEC 21 1973

Recorded in \_\_\_\_\_  
 Recorded in \_\_\_\_\_  
 Book No. 117 Page 543  
 Entered by Stanley B. Magee  
Christie

State of West Virginia County of Ritchie to-wit:  
I, D. G. Rowe  
Notary Public of said County of Ritchie do certify that  
Marie Osbourn, Widow and \_\_\_\_\_

his wife, whose name is signed to the writing above bearing date the 1st day of  
October A. D. 19 73 ha S this day acknowledged the same before me  
in my said county.

Given under my hand this 13th day of December A. D. 19 73  
[Signature]  
Notary Public Ritchie County, W. Va.  
My Commission expires Feb. 6, 1982

State of Pennsylvania County of Chester to-wit:  
I, M. R. McDonald  
Notary Public of said County of Chester do certify that  
J. B. Fling, Single and \_\_\_\_\_

his wife, whose name is signed to the writing above bearing date the 18th day of  
December A. D. 19 73 ha S this day acknowledged the same before me  
in my said county.

Given under my hand this 18th day of December A. D. 19 73  
[Signature]  
Notary Public Chester County, Pennsylvania  
My Commission expires June 17, 1974

State of \_\_\_\_\_ County of \_\_\_\_\_ to-wit:  
I, \_\_\_\_\_  
\_\_\_\_\_ of said County of \_\_\_\_\_ do certify that  
\_\_\_\_\_ and \_\_\_\_\_

his wife, whose name \_\_\_\_\_ signed to the writing above bearing date the \_\_\_\_\_ day of  
\_\_\_\_\_ A. D. 19 \_\_\_\_\_ ha \_\_\_\_\_ this day acknowledged the same before me  
in my said county.

Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19 \_\_\_\_\_  
\_\_\_\_\_  
Notary Public \_\_\_\_\_ County, \_\_\_\_\_  
My Commission expires \_\_\_\_\_

For and in consideration of the sum of One Dollar, cash in hand paid, receipt of which is hereby acknowledged,  
hereby assigned, transfer, set over and convey all \_\_\_\_\_ right, title to and interest in the within described oil and gas  
lease to \_\_\_\_\_ to have and to hold according to all the terms contained therein.

Taken, subscribed and sworn to before me \_\_\_\_\_  
a Notary Public of \_\_\_\_\_ County \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_ A. D. 19 \_\_\_\_\_  
\_\_\_\_\_  
My commission expires \_\_\_\_\_ Notary Public

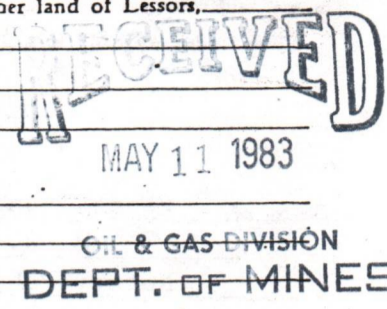
Recorded in \_\_\_\_\_  
Book No. 117 Page 543  
County W. Va. Date DEC 21 1973  
District \_\_\_\_\_ LOCATION \_\_\_\_\_  
Number of Acres \_\_\_\_\_  
Term, Ten Years \_\_\_\_\_  
Date \_\_\_\_\_ 19 \_\_\_\_\_  
Received for Record \_\_\_\_\_ 19 \_\_\_\_\_  
Recorded \_\_\_\_\_ 19 \_\_\_\_\_  
In Book \_\_\_\_\_ Page \_\_\_\_\_  
Filed and admitted to record in the office  
of the Clerk of the County Court of Ritchie  
County, W. Va. DEC 21 1973  
Recorded in \_\_\_\_\_  
Book No. 117 Page 543  
County W. Va. Date DEC 21 1973  
District \_\_\_\_\_ LOCATION \_\_\_\_\_  
Number of Acres \_\_\_\_\_  
Term, Ten Years \_\_\_\_\_  
Date \_\_\_\_\_ 19 \_\_\_\_\_  
Received for Record \_\_\_\_\_ 19 \_\_\_\_\_  
Recorded \_\_\_\_\_ 19 \_\_\_\_\_  
In Book \_\_\_\_\_ Page \_\_\_\_\_  
Filed and admitted to record in the office  
of the Clerk of the County Court of Ritchie  
County, W. Va. DEC 21 1973

No. \_\_\_\_\_  
Globe Form 26 Rev.  
OIL AND GAS LEASE  
FROM \_\_\_\_\_  
TO \_\_\_\_\_  
05/03/2024

AGREEMENT. made and entered into 1st day of October 1973 by and between Marie Osbourn, Dow, 432 Maryland Avenue, Harrisville, W. Va. 26362 J. B. Fling, 201 North Bradford Avenue, Apt. C-8, West Chester, Pennsylvania 19380

County of Ritchie and state of W. Va. parties of the first part, hereinafter called Lessors, whether one or more, and Murvin Oil Corporation, P.O. Box 297, Olney, Illinois 26450 party of the second part, hereinafter called Lessee.

WITNESSETH, that the said Lessors for and in consideration of the sum of One Dollars in hand well and truly paid by said Lessee, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the said Lessee, to be paid, kept and performed, have granted, demised, leased and let and by these presents do grant, demise, lease and let with covenants of quiet possession, and that they have the sole right so to grant and demise, unto the said Lessee, its successors and assigns, for the purpose of mining and operating for oil and gas, and of building tanks, stations, power plants, water stations and structures thereon to take care of the said products, and of laying pipe lines on, over and across the leased premises and other lands of Lessors, for the purpose of conveying oil, gas, steam or water therein from and to wells and pipe lines on the premises and on adjoining and adjacent farms, and rights of way for road ways over this and other land of Lessors.



All that certain tract of land situate in Murphy District Ritchie County and State of West Virginia on the waters of Grass Run bounded as follows:

On the North by lands of Dean Mason
On the East by lands of D. Sinnett
On the South by lands of G. W. Cunningham
On the West by lands of C. M. Bailey

Containing Three Hundred Thirty Eight (338) acres, more or less, being land purchased from by deed dated recorded Deed Book page reserving, however, therefrom all lands within two hundred feet of the resident buildings now on the premises on which no well shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for the term of ten years from this date and as long thereafter as oil or gas, or either of them, is produced from the said lands by the said Lessee, its successors and assigns. In Consideration of the Premises the said party of the second part, covenants and agrees: 1st—to deliver to the credit of the Lessors, their heirs or assigns, free of cost, in the pipe line to which Lessee may connect its wells, One Half (1/2) the equal one-eighth (1/8) part of all oil produced and saved from the leased premises; and second, to pay One Half (1/2) the equal one-eighth (1/8) part of all oil produced

one-eighth (1/8) of the value at the well of the gas from each and every gas well drilled on said premises, the product from which is marketed and used off the premises, said gas to be measured at a meter set on the farm.

The Lessee shall not be required in any event to increase the rate of said gas well payments or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by Lessors or their predecessor in title or otherwise. And any such outstanding royalty or interest shall first be deducted from the royalties and rentals above provided to be paid or delivered.

It is agreed by the parties hereto that the Lessee, its successors or assigns, shall have the right to use off the farm for such purposes as it may desire, "Casing Head Gas," (being gas produced from wells on the premises), but if said "casing head gas" or any part thereof should be manufactured into gasoline or other by-products by said company, said Lessors shall receive one-eighth of the net value at the factory of the gasoline and other by-products so manufactured.

Lessor may lay a line to any well producing gas only on said land or to second party's pipe line leading from said well to market, to take gas produced from said well for own use for heat and light in one dwelling house on said land at Lessor's own risk, subject to the use, operation, pumping and right of abandonment of the well and pipe line by the Lessee; the first two hundred thousand cubic feet of gas so taken in each year shall be free, but all gas in excess of two hundred thousand cubic feet taken in each year shall be paid for by the Lessor at the current published local rates of the Lessee, and measurement and regulation shall be by meter and regulators set at the tap on the well or line. This privilege is upon condition that the Lessor shall use said gas with economy, in safe and proper pipes and appliances, and shall subscribe to and be bound by reasonable rules and regulations of the Lessee published at such time relating to such use of gas.

Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion of the farm. And it is agreed that the leased premises may be fully and freely used by the Lessors for farming purposes, excepting such parts as are used by the Lessee in operating hereunder, and; further, that the said Lessee may drill or not drill on said land, as it may elect, and that the consideration and rentals paid and to be paid constitute adequate compensation for such privilege.

The said Lessee covenant and agrees to pay rental at the rate of NO RENTAL - Well to be drilled within Ninety (90) days (\$) Dollars, quarterly in advance, beginning in months from this date, until, but not after, a well yielding royalty to the Lessors in drilled on the leased premises, and any rental paid for time beyond the date of completion of a gas well shall be credited upon the first royalty due upon the same and all rentals shall cease after the surrender of this lease as hereinafter provided for. All payments for delay, for gas produced and marketed, for gasoline and other by-products may be made direct to the lessors or be deposited to their credit, or to the credit of their heirs or assigns in the

Bank of or by check mailed to at P. O., County State of ; such payments may be also made in the same manner to who is hereby appointed agent for the lessors to receive the same.

1/4 th To: Marie Osbourn, 432 Maryland Avenue, Harrisville, W. Va. 26362
1/4 th To: J. B. Fling, 201 North Bradford Avenue, Apartment C-8, West Chester, Pa. 19380

It is agreed that the Lessee is to have the privilege of using free, sufficient water and gas from the said premises to run all machinery necessary for drilling and operating thereon at any time to remove all machinery and fixtures placed on said premises; and further, upon the payment of one (\$1.00) Dollar at any time, by the party of the second part, or by its successors and assigns it or they shall have the right to surrender this lease for cancellation, after which all payments and liabilities thereafter to accrue under and by virtue of its terms shall cease and determine, and this lease becomes absolutely null and void.

Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the postoffice of a copy of the above provided, for said last mentioned sum and all amounts then due hereunder, shall be a full surrender and termination of this lease. All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto. In Witness Whereof, the parties of this agreement have hereunto set their hands and seals the day and year first, above written.

Witness: Marie Osbourn (Seal), J. B. Fling (Seal)

Reserved from this lease is an existing well belonging to G. W. Mille which hold 5 acres. This instrument prepared by D. G. Rowe, Notary Public, Smithville

05/03/2024



ASSIGNMENT, Made the 3rd day of April, 1974, by and between GENE STALNAKER as Party of the First part. hereinafter designated "ASSIGNOR," unless otherwise identified, and MURVIN OIL CORPORATION, OLNEY, ILLINOIS 26450 as Party of the Second part, hereinafter designated "ASSIGNEE," unless otherwise identified.

WITNESSETH:

That for the consideration of One dollars, in lawful money of these United States paid by the said Assignee to the said Assignor, receipt of which by the latter is hereby acknowledged, he, the said Assignor, doth hereby sell, assign, transfer and convey unto the said Assignee, with warranty of marketable title, including free of liens and encumbrances, and provided All Lease interest in and to that certain agreement of lease for oil and gas development purposes, made by and between Robert Allen, Et Al and Gene Stalnaker, dated the 5th day of May, 1973, of record in the office of the Clerk of the County Court of Ritchie County, West Virginia, in Deed Book 117 at page 422, to which reference is here made; and a like interest in and to the leasehold estate created by the said lease, and in and to all oil and gas wells drilled under said lease in the land therein described, and in and to all oil field equipment within and in anywise connected with, or as an appurtenance to, any such well or wells, and owned by the present owners of said lease, leasehold estate and well or wells.

For source of Assignor's title to said property, reference is here made to Deed book 117 at page 422 in the office of the aforesaid Clerk.

This Assignment is made, delivered and accepted, subject to all the terms, and singular conditions and stipulations contained in the aforesaid agreement of lease.

WITNESS the following signature and seal as of the date first above written.

[Signature] (SEAL)

STATE OF West Virginia
COUNTY OF Riachie, to-wit:

I, D. G. Rowe, a Notary Public within and for the aforesaid County and State do certify that Gene Stalnaker whose name is signed to the foregoing writing, dated the 3rd day of April 1974, has this day acknowledged the same before me in my said County.

Given under my hand and Notarial Seal this 3rd day of April 1974.

[Signature] Notary Public

My Commission expires Feb. 6, 1974

This instrument prepared by Peter A. Morse, Sr.; Attorney.

RECEIVED
05/03/2024
SEP 13 1982
OIL & GAS DIVISION
DEPT. OF MINES

Filed and admitted to record in the  
of the Clerk of the County Court of Ritchie  
County, W. Va. APR. 9 - 1974

19.....at.....o'clock.....M

Recorded in... *Hand*

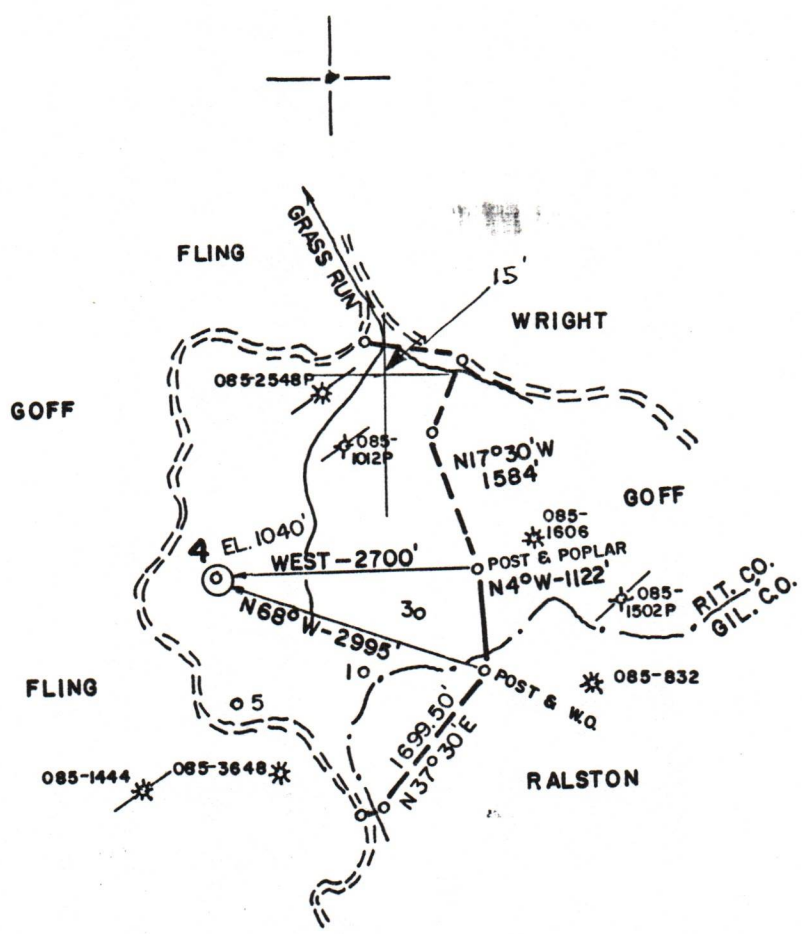
Book No. *117* Page *738*

Date: *April 9 1974*

05/03/2024

DEPT. OF MINES

NORTH



FILE NO. **82-329**  
 DRAWING NO. \_\_\_\_\_  
 SCALE **1" = 2000'**  
 MINIMUM DEGREE OF ACCURACY **1" / 200'**  
 PROVEN SOURCE OF ELEVATION **B.M. - RIDGE RD. (1145')**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) *Chester B. Waterman*  
 R.P.E. **3788** L.L.S. \_\_\_\_\_



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE **9/2** 19**82**  
 OPERATOR'S WELL NO. **4**  
 API WELL NO. **47 - 085 - 5905-Per**  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS **X** LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION **X** STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION **1040** WATER SHED **GRASS RUN**  
 DISTRICT **MURPHY** COUNTY **RITCHIE**  
 QUADRANGLE **BURNT HOUSE 7.5**  
 SURFACE OWNER **WILLIAM TAYLOR** ACREAGE **338**  
 OIL & GAS ROYALTY OWNER **ROBERT ALLEN** LEASE ACREAGE **338**  
 LEASE NO. **05/03/2024**  
 PROPOSED WORK: DRILL **X** CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION **DEVONIAN SHALE** ESTIMATED DEPTH **4000'**  
 WELL OPERATOR **MURVIN OIL CO.** DESIGNATED AGENT **LARRY DAWSON**  
 ADDRESS **OLNEY, ILLINOIS** ADDRESS **PULLMAN, WV**

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION

RECEIVED  
JUN 23 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 85-5905-REN

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Murvin Oil Corp.  
 Address \_\_\_\_\_  
 Farm William Taylor  
 Well No. Robert Alan #4  
 District Murphy County Ritchie  
 Drilling commenced 6-17-83  
 Drilling completed 6-21-83 Total depth 4020  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

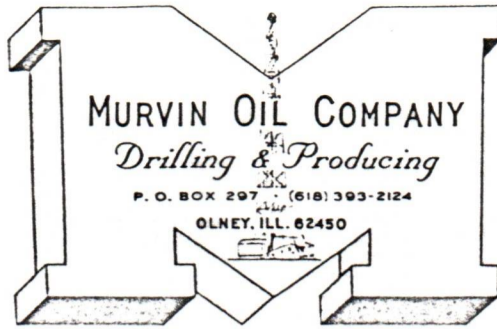
Remarks: J.L. Coats Rig #10  
Ran 360 feet of 10 3/4" casing on 6-18-83  
on 6-21-83 Ran 3988 feet of 4 1/2" casing

6-21-83  
DATE

Samuel M. Horgan  
DISTRICT WELL INSPECTOR  
05/03/2024



085-5905



J. B. MURVIN

February 6, 1984

RECEIVED

FEB 10 1984

OIL & GAS DIVISION  
 DEPT. OF MINES

State of West Virginia  
 Department of Mines  
 Oil and Gas Division  
 307 Jefferson Street  
 Charleston, West Virginia 25311

Attn: Lonnie Carpenter

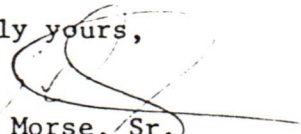
Re: Allen #4 and Allen #5, Ritchie County, West Virginia

Dear Mr. Carpenter:

Pursuant to our phone conference on February 6, 1984 we respectfully request that you withdraw our application for 103 status under the Natural Gas Policy Act for the above wells. This letter is written in response to two letters dated January 30, 1984 copies of which are enclosed.

If you have any questions or require any additional information, please contact me at your convenience.

Very truly yours,

  
 Peter A. Morse, Sr.  
 Executive Vice-President

dlj

cc: Gary Hill

05/03/2024

RECEIVED

AUG 12 1983



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia Department of Mines Oil and Gas Division

Date August 8, 1983 Operator's Well No. #4 Farm R. Allen API No. 47 - 085 - 5905-Ren.

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1040 Watershed Grass Run District: Murphv County Ritchie Quadrangle Burnt House - 7.5'

COMPANY Murvin Oil Corporation ADDRESS Box 297 Olney, Illinois 62450 DESIGNATED AGENT Larry Dawson ADDRESS Five Forks, W.Va. 26145 SURFACE OWNER William Taylor ADDRESS Box 143 Burnt House, W.Va. MINERAL RIGHTS OWNER "See Attached" ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman ADDRESS Box 66 Smithville, W.V. PERMIT ISSUED May 26, 1983 DRILLING COMMENCED June 17, 1983 DRILLING COMPLETED June 20, 1983 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 3-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Shale Depth 4000 feet Depth of completed well 4032 feet Rotary X / Cable Tools Water strata depth: Fresh 145 feet; Salt - feet Coal seam depths: 1480 - 1828 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Shale Pay zone depth 2556-3341 feet Gas: Initial open flow 15 Mcf/d Oil: Initial open flow - Bbl/d Final open flow 377 Mcf/d Oil: Final open flow - Bbl/d Time of open flow between initial and final tests 35 hours days Static rock pressure 550 psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

05/03/2024

Second producing formation N/A Pay zone depth feet Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d Final open flow Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests hours Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

RIT. 5905 - REN.

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Shale Perforated: 2556, 2562, 2585, 2587, 2641, 2740, 2741, 3146, 3295,  
7-25-83 3308, 3312, 3325, 3329, 3341, with 14 holes

Shale Fractured: foam fractured Shale using 1,086 MSCF nitrogen, 228  
7-26-83 bbls water, 12,000 80/100, 25,000# 20/50

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Slate and Shells			0	409	
Red Rock			409	584	
Slate and Shells			584	799	
Red Rock			799	949	
Slate and Shells			949	1314	
Sand			1314	1362	
Slate and Sand Shells			1362	1576	Coal Seam 1479-83
Sand			1576	1617	
Shale			1617	1663	
Sand			1663	1680	
Shale and Sand			1680	1863	Coal Seams 1817-20, 1823-28
Sand			1863	1883	
Shale			1883	1903	
Big Lime			1903	1942	
Injun Sand			1942	2033	
Slate and Shale			2033	2363	
Berea Sand			2363	2376	
Shale			2376	4032	

(Attach separate sheets as necessary)

Murvin Oil Corporation  
Well Operator  
By: Gary L. Hill 05/03/2024  
Date: August 8, 1983

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."