



1) Date: June 2, 1983  
 2) Operator's Well No. Baker-Baughman #45-111  
 3) API Well No. 47 013 State West Virginia County Calhoun Permit 3616

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow )  
 5) LOCATION: Elevation: 1030' Watershed: Leading Creek  
 District: Sheridan County: Calhoun Quadrangle: Macfarlan 7.5  
 6) WELL OPERATOR Allstate Energy Corp. 11) DESIGNATED AGENT K. P. Goodnight  
 Address PO Box 29 Address PO Box 29  
Smithville, WV 26178 Smithville, WV 26178  
 7) OIL & GAS ROYALTY OWNER See attached list. 12) COAL OPERATOR none  
 Address \_\_\_\_\_ Address \_\_\_\_\_  
 Acreage 460  
 8) SURFACE OWNER Jerome Goldberg 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address PO Box 707 Name n/a  
Dunbar, WV Address \_\_\_\_\_  
 Acreage 442 Name \_\_\_\_\_  
 9) FIELD SALE (IF MADE) TO: Address \_\_\_\_\_  
 Address \_\_\_\_\_  
 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Deo Mace Address \_\_\_\_\_  
 Address Rt. 1 Box 5 Sand Ridge, WV 25274

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- 15) PROPOSED WORK: Drill  / 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, 5600 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

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		
Conductor									Kinds
Fresh water	8 5/8	J55	20#	x			1230'	to surface	Neat Rule 15-05
Coal									Sizes
Intermediate									
Production	4 1/2	ERW	10.50	x			5600'	550 sks	Depths set 5600
Tubing									
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: Phyllis L. Mace Signed: K. P. Goodnight  
 My Commission Expires Nov. 10, 1991 Its: President

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-013-3616 Date June 28 83  
05/17/2024

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 February 28, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>LP</u>	Plat: <u>BB</u>	Casing: <u>BB</u>	Fee: <u>350</u>
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[Signature]  
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**

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 \_\_\_\_\_

05/17/2024



013 - 3616

BAKER - BAUGHMAN ROYALTY OWNERS

Margaret T. Rajam  
1336 Riddle Ave. *5/2 of 1/8* 5.2083%  
Morgantown, WV 26505  
SS# 235-32-7309

James D. Collett  
204 Providence Rd. *1/3 of 1/8* 4.1667%  
Annapolis, MD 21401  
SS# 224-25-5814

Ruth K. Hickel  
1306 16th St. *1/6 of 1/8* 2.0833%  
Parkersburg, WV 26101  
SS# 566-28-6862

Trinity Episcopal Church  
420 Juliana Street *1/2 of 1/8* 1.0417%  
Parkersburg, WV 26101





1.V-9  
(Rev 8-81)

DATE May 25, 1983

WELL NO. Baker Baughman #45-111

State of West Virginia API NO. 47-013-3616

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allstate Energy Corp.  
Address Smithville, WV 26178  
Telephone 477-3371

DESIGNATED AGENT K. P. Goodnight  
Address Smithville, WV 26178  
Telephone 477-3371

LANDOWNER Jerome Goldberg  
Revegetation to be carried out by Allstate Energy Corporation (Agent)

SOIL CONS. DISTRICT Little Kanawha

This plan has been reviewed by Little Kanawha SCD. All corrections and additions became a part of this plan: 5-27-83 (Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Cross Drain</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing _____	Material <u>Soil</u>
Page Ref. Manual <u>2:1</u>	Page Ref. Manual <u>2:12</u>
Structure _____ (B)	Structure <u>Rip Rap</u> (2)
Spacing _____	Material <u>Stone</u>
Page Ref. Manual _____	Page Ref. Manual <u>2:16</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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

REVEGETATION

Treatment Area I

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Seed\* Ky 31 50 lbs/acre

\_\_\_\_\_ lbs/acre

\_\_\_\_\_ lbs/acre

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Seed\* Ky 31 50 lbs/acre

\_\_\_\_\_ lbs/acre

\_\_\_\_\_ lbs/acre

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

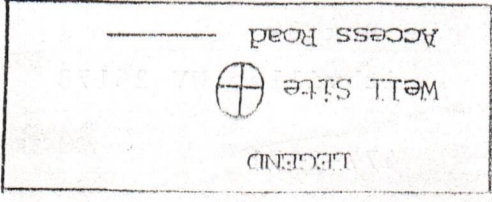
PLAN PREPARED BY K. P. Goodnight 05/17/2024  
ADDRESS PO Box 29  
Smithville, WV 26178  
PHONE NO. 477-3371

NOTES: Please request landowner cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

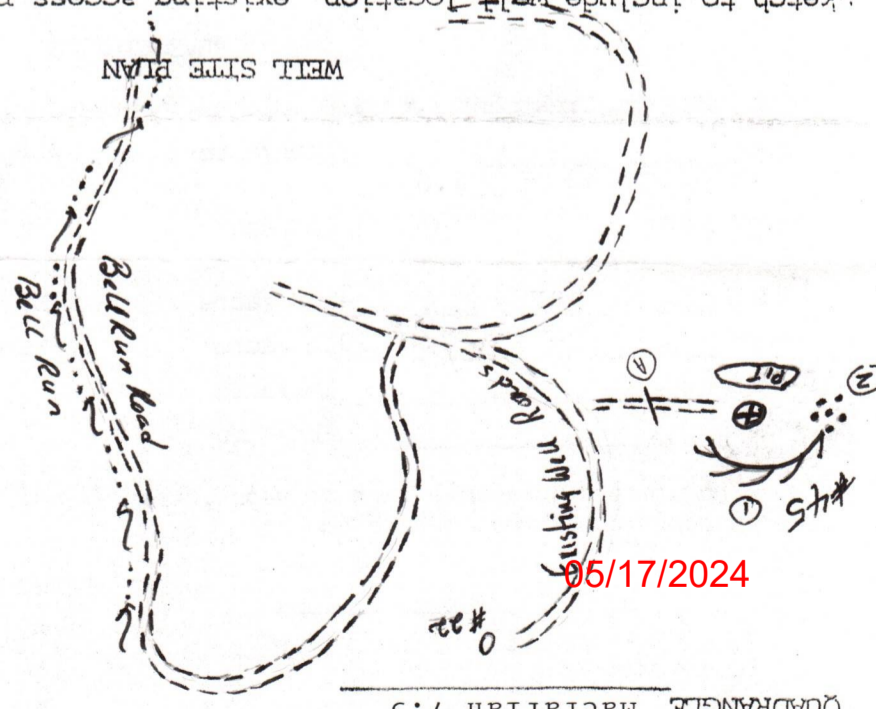


ATTACH OR PHOTOGRAPHY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Macfarlan 7.5

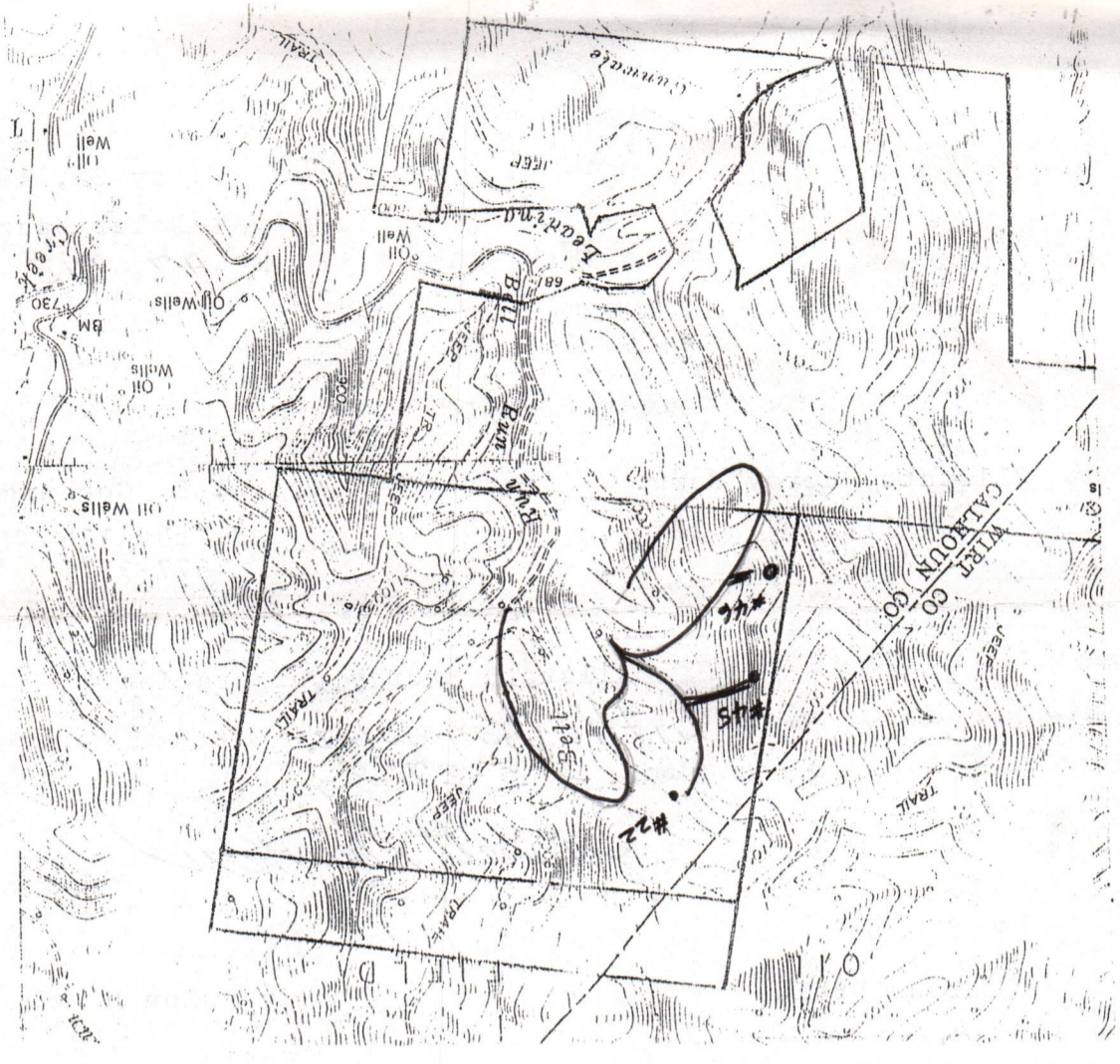
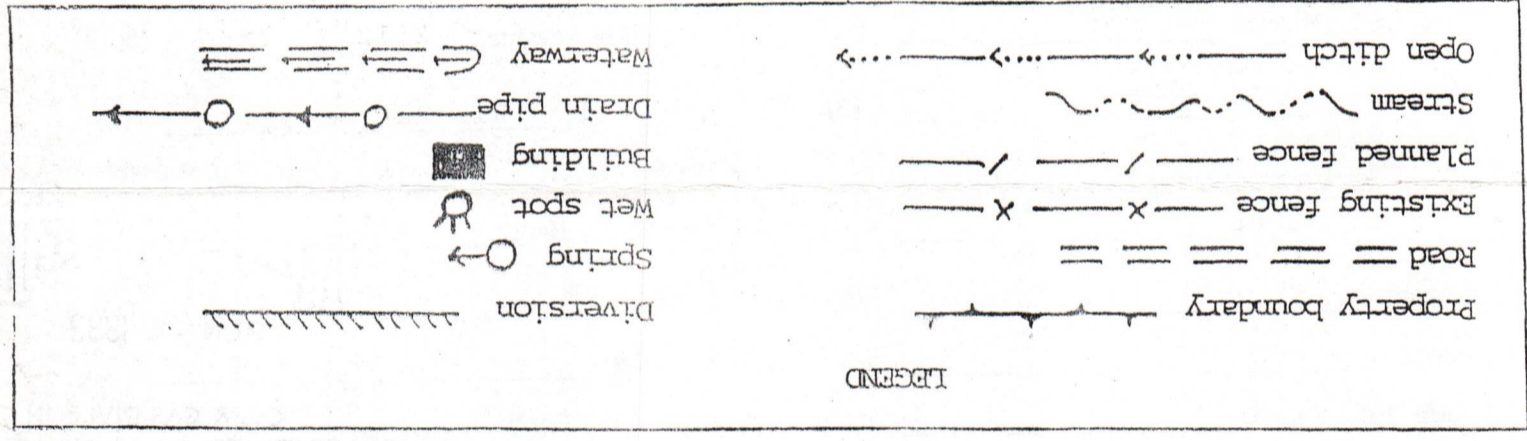
05/17/2024



Existing Well Roads Will Be Maintained.



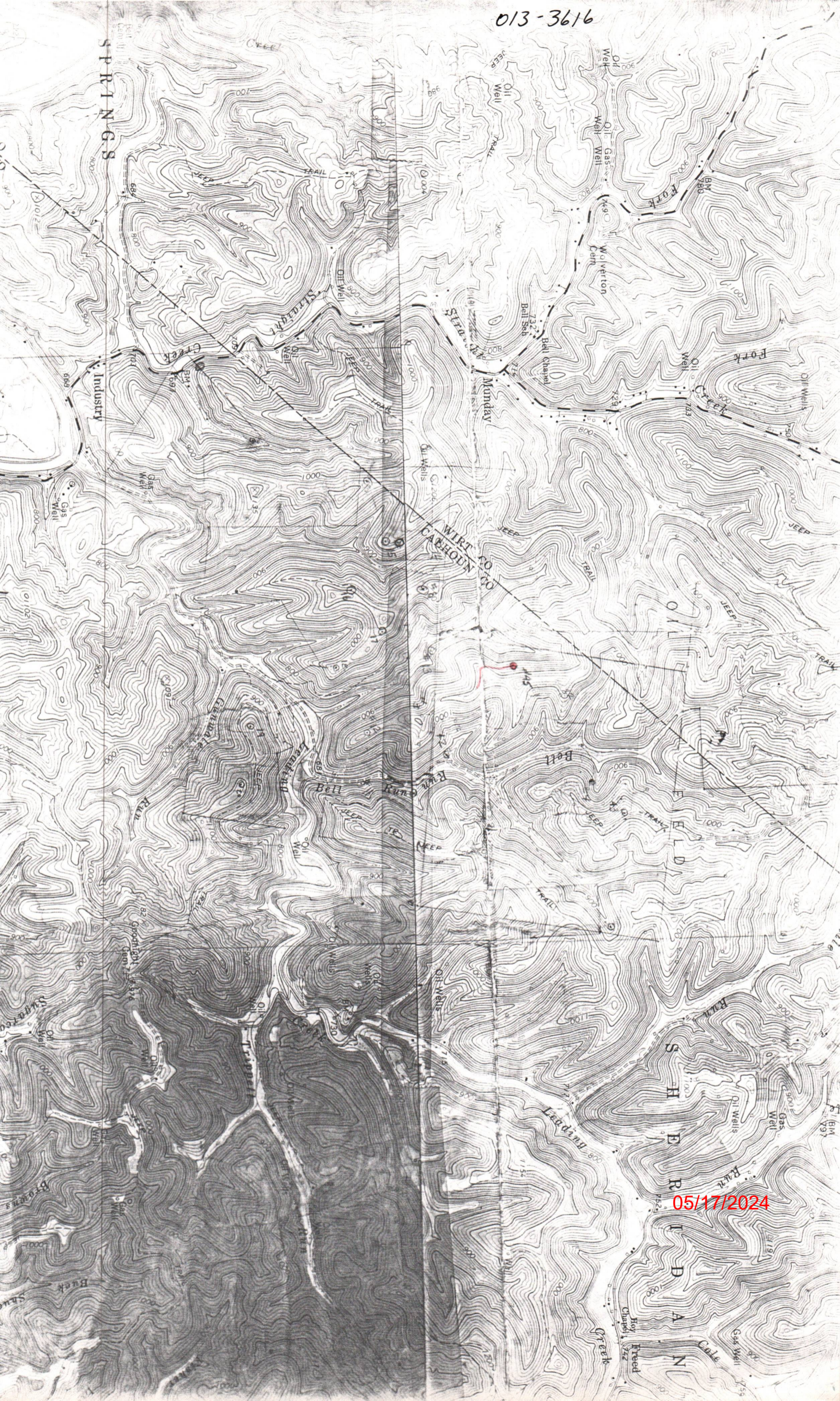
Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.





013-3616

SPRINGS



05/17/2024



ASSIGNMENT OF OIL AND GAS LEASE

WHEREAS, On the 10th day of December, 1981, certain oil and gas mining lease was entered into by and between Eldon J. Haught and Warren R. Haught

Lessor s., and Salvage Oil & Gas Corporation

Lessee, covering the following described land in the County of Calhoun and State of West Virginia, to-wit:

Being the same oil and gas leases and leasehold estates assigned to the parties of the first part by four certain assignments - (1) that certain assignment dated the 10th day of February, 1959, of record in the Office of the Clerk of the County Commission of Calhoun County, West Virginia, in Lease Book 47, at Page 188; (2) that certain assignment dated the 15th day of August, 1963, of record in the Office of the Clerk of the County Commission of Calhoun County, West Virginia, in Lease Book 48, at Page 255; (3) that certain assignment dated the 18th day of June, 1964, of record in the Office of the Clerk of the County Commission of Calhoun County, West Virginia, in Lease Book 50, at Page 341; and (4) that certain lease dated the 8th day of April, 1964, of record in the Office of the Clerk of the County Commission of Calhoun County, West Virginia, in Lease Book 50, at Page 344.

Said lease being recorded in the office of the County Clerk of said County, in Book 50, Page 344 of the Lease Records of said County, and hereby referred to for all purposes.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS: That the undersigned

Salvage Oil & Gas Corporation, for and in consideration of the

sum of One Dollar, and other good and valuable considerations, cash in hand paid by

Allstate Energy Corporation, the receipt of which is hereby acknowledged, does

hereby grant, sell, transfer and assign unto the said Allstate Energy Corporation

the oil and mineral lease above mentioned, insofar as said lease covers:

The same terms as contained in the original Assignment from Eldon J. Haught and Warren R. Haught unto Salvage Oil & Gas Corporation dated December 10, 1981.

and all personal property, machinery and equipment thereon, together with all leasehold and other rights, titles and interests in and to said land, created by virtue of the lease aforesaid.

TO HAVE AND TO HOLD unto the said Allstate Energy Corporation

its successors and assigns, forever, in accordance with the terms and provisions of said lease.

And for the same consideration the undersigned for Salvage Oil & Gas Corporation and its heirs, successors and representatives do hereby covenant with the said assignee, its successors and assigns, that said lease, hereby assigned, is now in full force and effect, with all rentals and royalties, payable under the same, duly paid; that the undersigned is the owner of said lease, rights thereunder and personal property thereon, with full right to convey the same, and that said lease, rights and property are now unencumbered; and to warrant and forever defend said lease, rights and property unto the said assignee, its successors and assigns, against all and every persons whomsoever lawfully claiming or to claim the same or any part thereof.

05/17/2024

IN WITNESS WHEREOF, The undersigned owner and assignor has signed and sealed this instrument this 3rd day of August 1982.

SALVAGE OIL & GAS CORPORATION

X Eldon J. Haught

President





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Quadrangle Macfarlan  
Permit No. 47-013-3616

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb.   
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company <u>ALLSTATE ENERGY CORPORATION</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>PO BOX 29 SMITHVILLE, WV 26178</u>				
Farm <u>Baker-Baughman</u> Acres <u>460</u>	Size			Neat - to Surface  550 sks 3000' fill-up
Location (waters) <u>Leading Creek</u>	20-16			
Well No. <u>45</u> Elev. <u>1030</u>	Cond.			
District <u>Sheridan</u> County <u>Calhoun</u>	13-10"			
The surface of tract is owned in fee by <u>Jerome Goldberg</u>	9 5/8			
Address <u>Box 707 Dunbar, WV</u>	8 5/8		1230	
Mineral rights are owned by <u>Chester Baughman, etal</u>	7			
Address _____	5 1/2			
Drilling Commenced <u>7-16-83</u>	4 1/2		5550	
Drilling Completed <u>7-24-83</u>	3			
Initial open flow _____ cu. ft. _____ bbls.	2			
Final production <u>2.1 MM</u> cu. ft. per day <u>Show</u> bbls.	Liners Used			
Well open <u>4</u> hrs. before test <u>1165</u> RP.				

Well treatment details: Attach copy of cementing record.  
NowSCO  
N<sub>2</sub> 3 Million CuFt - 1500 Gal Acid

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 80 Feet \_\_\_\_\_ Salt Water none Feet \_\_\_\_\_  
Producing Sand Devonian Shale Depth 5518 - 3170 79 Shots

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	20		
Sand			20	235		
Red Rock			235	287		
Sandy Shale			287	1139		
Shale & Sand			1139	1850		
Maxton			1850	1940		
Big Lime			1940	2034		
Keener			2034	2062		
Injun			2062	2112		
Shale			2112	2844		
Gordon			2844	2852		
Shale			2852	5551	TD	

CAL. 3616

05/17/2024

(over)

\* Indicates Electric Log tops in the remarks section.



Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks

05/17/2024

Date Oct 15, 1983

APPROVED *MC [Signature]*, Owner

By *president*  
(Title)



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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 13-3616

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

Company <u>Allstate Energy</u>	Address _____	Farm <u>Baku-Baughman</u>	Well No. <u>45-111</u>	District <u>Shepherd</u> County <u>Cal</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
					Size			Kind of Packer _____
					16			
					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 _____

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 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 Stalnakow &

Remarks: 1230' of 8 7/8, 290 SKS cement, No used - 7-18-83

7-18-83  
DATE

W. J. Mace  
DISTRICT WELL INSPECTOR

05/17/2024



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DEC 15 1983

OIL & GAS DIVISION  
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-013-3616			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5551	feet		
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	ALLSTATE ENERGY CORPORATION Name PO BOX 29 Street SMITHVILLE, WV 26178 City State Zip Code			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Sheridan Dist Field Name Calhoun WV County State			
(b) For OCS wells:	Area Name _____ Block Number _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number _____			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Baker-Baughman 45			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
5.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	CONSOLIDATED GAS SUPPLY CORP. Name Buyer Code			
(b) Date of the contract:	_____ Mo. Day Yr.			
(c) Estimated annual production:	_____ MMcf.			
	(a) Base Price (\$/MMBTU)	(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.)	2.833	actual	actual	2.833
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.833	actual	actual	2.833
9.0 Person responsible for this application:	K. P. GOODNIGHT PRESIDENT Name Title Signature 11-9-83 (304) 477-3371 Date Application is Completed Phone Number			

Agency Use Only  
Date Received by Juris. Agency  
**DEC 15 1983**  
Date Received by FERC

05/17/2024



PARTICIPANTS:

DATE: FEB 24 1984

BUYER-SELLER CODE

WELL OPERATOR: Allstate Energy Corp.

FIRST PURCHASER: Consolidated Gas Supply Corp.

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

\_\_\_\_\_

004

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
8312 15-103-013-3616  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

*1500' Radius*

*013-3479*

*Qualifies*

*ALB*

**APPROVED**

MAR 20 1984

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 \_\_\_\_\_ Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent \_\_\_\_\_
- 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: \_\_\_\_\_ Date completed \_\_\_\_\_ Deepened \_\_\_\_\_
- (5) Production Depth: \_\_\_\_\_
- (5) Production Formation: \_\_\_\_\_
- (5) Final Open Flow: \_\_\_\_\_
- (5) After Frac. R. P. \_\_\_\_\_
- (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 Report \_\_\_\_\_
- (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
- 10-17. Does lease inventory indicate enhanced recovery being done \_\_\_\_\_
- 10-17. Is affidavit signed? \_\_\_\_\_ Notarized? \_\_\_\_\_
- Does official well record with the Department confirm the submitted information? 05/17/2024 \_\_\_\_\_
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_



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

Date Nov 9 1983

Operator's Well No. Baker-Baughman 45

API Well No. 47 - 013 - 3616  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

DESIGNATED AGENT K. P. GOODNIGHT

ADDRESS PO Box 29

SMITHVILLE, WV 26178

WELL OPERATOR ALLSTATE ENERGY CORP

ADDRESS PO Box 29

SMITHVILLE, WV 26178

LOCATION: Elevation 1030

Watershed Leading Creek

Dist. Sheridan County Calhoun Quad Macfarlan

GAS PURCHASER Consolidated Gas Supply Corp.

ADDRESS 445 West Main Street

Clarksburg, WV 26301

Contract No. \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling was begun: 7-16-83

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

$BHP = P_1 + P_1(e^{GL/53.34T} - 1)$

$P_1 = 1165 + 14.73 = 1179.73$

$G = .67 \quad L = 5551 \quad GL = 3719$

$BHP = 1179.73 + 1179.73(e^{GL/53.34T} - 1)$

$BHP = 1179.73 + 1179.73(.1277)$

$BHP = 1179.73 + 150.65$

$BHP = 1330$

Value of  $e^{GL/53.34T} - 1$  figured using Table #1 of Practical Petroleum Engineers Handbook.

AFFIDAVIT

I, K. P. Goodnight, 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.

STATE OF WEST VIRGINIA,

COUNTY OF Ritchie, TO WIT:

I, Phyllis L. Wolfe Notary Public in and for the state and county aforesaid, do certify that K.P. Goodnight whose name is signed to the writing above, bearing date

the 9th day of Nov., 19 83, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 9th day of Nov., 19 83.

My term of office expires on the 10th day of Nov., 19 91.

[NOTARIAL SEAL]

05/17/2024



STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR ALLSTATE ENERGY CORP.  
ADDRESS PO BOX 29  
SMITHVILLE, WV 26178

DESIGNATED AGENT K. P. GOODNIGHT  
ADDRESS PO BOX 29  
SMITHVILLE, WV 26178

Gas Purchase Contract No. \_\_\_\_\_ and Date \_\_\_\_\_  
(Month, day and year)

Meter Chart Code \_\_\_\_\_

Name of First Purchaser CONSOLIDATED GAS SUPPLY CORPORATION  
445 W. MAIN STREET  
CLARKSBURG, WV 26301  
(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_ FERC Buyer Code \_\_\_\_\_

TYPE OF DETERMINATION BEING SOUGHT:

103

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

K. P. GOODNIGHT PRESIDENT  
Name (Print) Title  
[Signature]  
Signature  
PO BOX 29  
Street or P. O. Box  
SMITHVILLE, WV 26178  
City State (Zip Code)  
804 477-3371  
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

**DEC 15 1983**

Date received by  
Jurisdictional Agency \_\_\_\_\_

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

05/17/2024

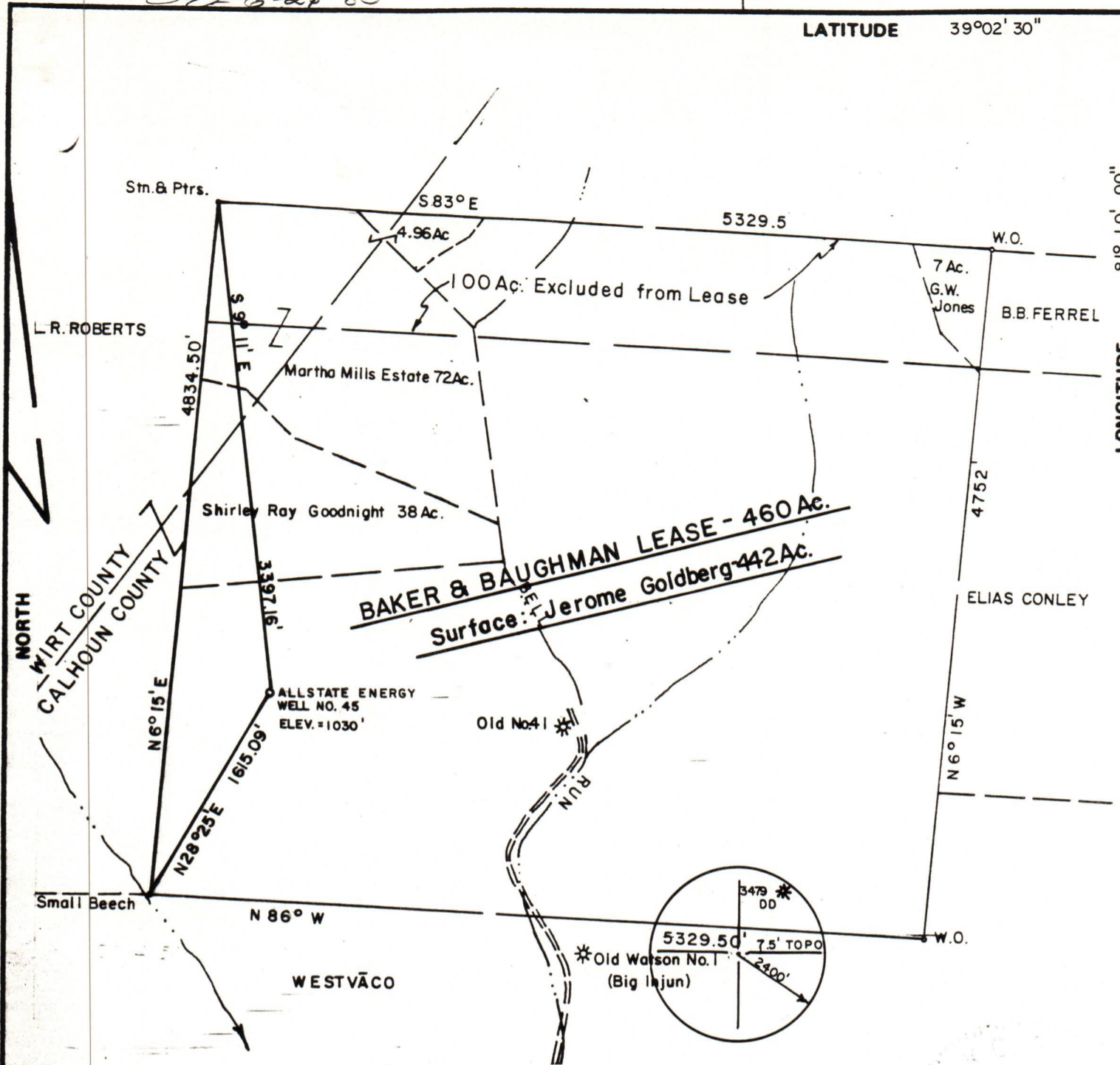


27-83

5500'

LATITUDE 39°02' 30"

LONGITUDE 81° 10' 00"



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 5600' ± NE OF LOCATION ELEV. = 1117'

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.

*Mark C. Echard*  
 (SIGNED) MARK C. ECHARD

R.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE MAY 30, 19 83  
 OPERATOR'S WELL NO. FOURTY - FIVE  
 API WELL NO. 47 - 013 - 3616  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1030' WATER SHED \_\_\_\_\_ LEADING CREEK \_\_\_\_\_  
 DISTRICT SHERIDAN COUNTY CALHOUN  
 QUADRANGLE MACFARLAN 7.5'  
 SURFACE OWNER JEROME GOLDBERG ACREAGE 442  
 OIL & GAS ROYALTY OWNER CHESTER C. BAUGHMAN, et. al. LEASE ACREAGE 460  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  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 BIG INJUN ESTIMATED DEPTH 2200'  
 WELL OPERATOR ALLSTATE ENERGY CORP. DESIGNATED AGENT MR. K. PAUL GOODNIGHT  
 ADDRESS BOX 29 ADDRESS BOX 29  
 SMITHVILLE, W. Va. 26178 SMITHVILLE, W. Va. 26178

05/17/2024