



1) Date: 4/1, 19 83  
 2) Operator's Well No. D. M. Whipkey #3  
 3) API Well No. 47 013 2875 - FR  
 State County Permit

DRILLING CONTRACTOR:

Francis Cain

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

Big Bend, WV 26136

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil X / Gas      /  
 B (If "Gas", Production X / Underground storage      / Deep      / Shallow XX /)
- 5) LOCATION: Elevation: 1182 Watershed: Leafbank Run  
 District: Center County: Calhoun Quadrangle: Grantsville
- 6) WELL OPERATOR E. M. & W. E. Smith 11) DESIGNATED AGENT Walter E. Smith  
 Address P. O. Box 244 Address P. O. Box 244  
Grantsville, WV 26147 Grantsville, WV 26147
- 7) OIL & GAS ROYALTY OWNER Oma Whipkey Sears & etal 12) COAL OPERATOR no coal  
 Address Cleveland, Ohio Address
- 8) SURFACE OWNER Arlie Blair 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Five Forks, WV Name       
 Address      Address
- 9) FIELD SALE (IF MADE) TO: Cabot Corporation  
 Address P. O. Box 1473 Name       
Charleston, WV 25325 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name Deo Mace Name       
 Address Sand Ridge, WV Address
- 15) PROPOSED WORK: Drill      / Drill deeper      / Redrill      / Fracture or stimulate X /  
 Plug off old formation      / Perforate new formation       
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Big Injun
- 17) Estimated depth of completed well, 2144 feet  
 18) Approximate water strata depths: Fresh, none feet; salt, none feet.  
 19) Approximate coal seam depths: none Is coal being mined in the area? Yes      / No X /

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										
Coal										Sizes
Intermediate	<u>8 1/4"</u>	<u>Good</u>	<u>24#</u>		<u>X</u>		<u>1130'</u>	<u>none</u>		<u>used &amp; Left in well</u>
Production	<u>4 1/2"</u>	<u>New</u>	<u>10.50#</u>	<u>X</u>			<u>2144'</u>	<u>100 sacks</u>		Depths set
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 Evelyn M. York Signed: Walter E. Smith  
 My Commission Expires Sept 26, 1987 Its: Designated Agent

OFFICE USE ONLY

Permit number 47-013-2875-FRAC DRILLING PERMIT Date May 25 19 83  
 Date 12/01/2023

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.)  
 January 25, 1984

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

Bond: <u>50</u>	Agent: <u>    </u>	Plat: <u>    </u>	Casing: <u>    </u>	Fees: <u>    </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

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well No. \_\_\_\_\_ 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.

12/01/2023

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

By \_\_\_\_\_

Its \_\_\_\_\_

NOTE: Keep one copy of this permit posted at the drilling location.



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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil \_\_\_ / Gas x /

(If "Gas", Production x / Underground storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_ /

LOCATION: Elevation: 1225 Watershed: Leafbank Creek  
District: Center County: Calhoun Quadrangle: Arnoldsburg

WELL OPERATOR E.M. & W.E. Smith  
Address P.O. Box 244  
Grantsville, WV 26147

DESIGNATED AGENT Walter E. Smith  
Address P.O. Box 244  
Grantsville, WV 26147

OIL AND GAS  
ROYALTY OWNER Oma Whipkey Sears et al  
Address Cleveland, Ohio

COAL OPERATOR No Coal  
Address \_\_\_\_\_

Acreage 120

COAL OWNER(S) WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

SURFACE OWNER Arlie Blair  
Address Five Forks, WV

Acreage 120

NAME \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
NAME Cabot Corporation  
Address P.O. Box 1473  
Charleston, WV 25325

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Deo Mace  
Address Sand Ridge, WV  
Telephone - 655-7398

RECEIVED  
APR 20 1983

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 x / lease \_\_\_ / other contract \_\_\_ / dated 5/12/, 1969, to the undersigned well operator from Cabot Corporation.

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

Recorded on 5/27/, 1969, in the office of the Clerk of County Commission of Calhoun County, West Virginia, in Lease Book at page 125. A permit is requested as follows:

PROPOSED WORK: Drill \_\_\_ / Drill Deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate x / 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.

12/01/2023

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

E.M. & W.E. Smith  
Well Operator

By: Walter E. Smith

Its: Designated Agent

(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) Francis Cain

Address Big Bend, WV

GEOLOGICAL TARGET FORMATION Big Injun  
Estimated depth of completed well 2144 feet. Rotary    / Cable tools x /  
Approximate water strata depths: Fresh, None feet; salt, None feet.  
Approximate coal seam depths: None  
Is coal being mined in this area: Yes    / No x /

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									
Coal									Sizes to be
Intermed.	8 1/4	Good	24#		x		1130'	None	Used and/Left in Well
Production	4 1/2"	New	10.50#	x			2144'	100 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.

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:   

12/01/2023



DATE APRIL 8, 1983

WELL NO. #3

State of West Virginia

API NO. 47-013-2875

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME E.M. & W.E. SMITH  
Address GRANTSVILLE, W.V.  
Telephone 354-6551

DESIGNATED AGENT WALTER E. SMITH  
Address GRANTSVILLE, W.V.  
Telephone 354-6551

LANDOWNER ARLIE BLAIR  
Revegetation to be carried out by WALTER SMITH (Agent)

SOIL CONS. DISTRICT LITTLE KANAWHA

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 4-18-83

(Date)  
Jarrett Newton  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure DRAINAGE DITCH (A)  
Spacing EARTHEN  
Page Ref. Manual 2:9

Structure DIVERSION DITCH (1)  
Material EARTHEN  
Page Ref. Manual 2:13 2-12

Structure RIP RAP (B)  
Spacing ROCK  
Page Ref. Manual 2:9

Structure RIP RAP (1)  
Material ROCK  
Page Ref. Manual 2:13 2-12

Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (1)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

RECEIVED  
APR 20 1983  
OIL & GAS DIVISION  
DEPT. OF MINES

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

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 600-800 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* KY 31 40 lbs/acre  
LADINO CLOVER 5 lbs/acre  
\_\_\_\_\_ lbs/acre

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 600-800 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* KY 31 40 lbs/acre  
LADINO CLOVER 5 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 WALLACE J. BOARD SURVEYOR LANO

ADDRESS 343 MAIN ST.


SPENCER, W.V. 25276


PHONE NO. 927-5730

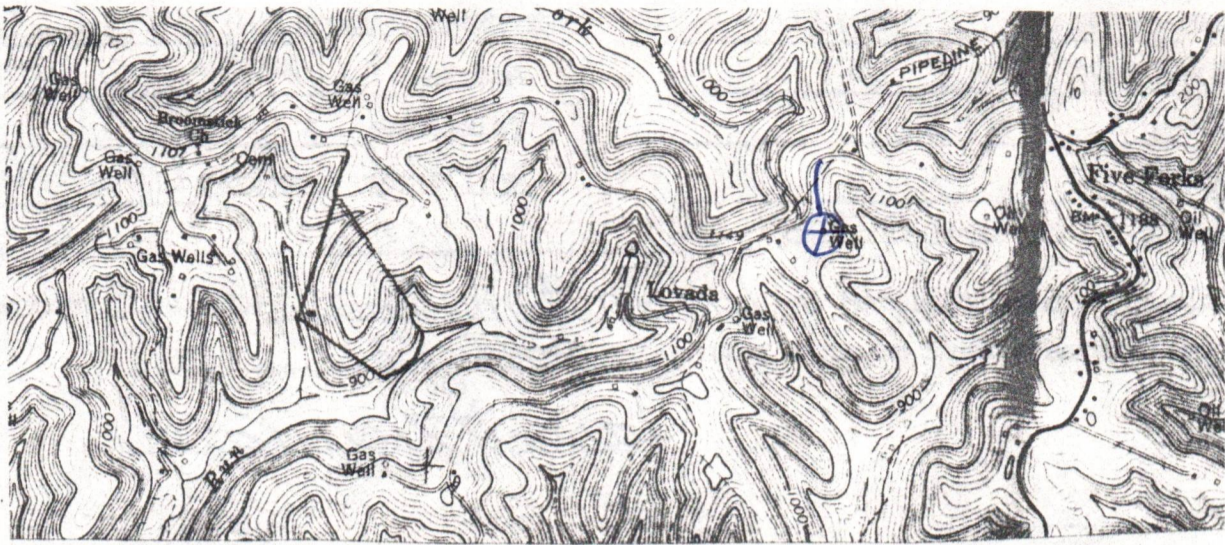
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP.  
QUADRANGLE GRANTSVILLE 7.5

LEGEND













Well Site 

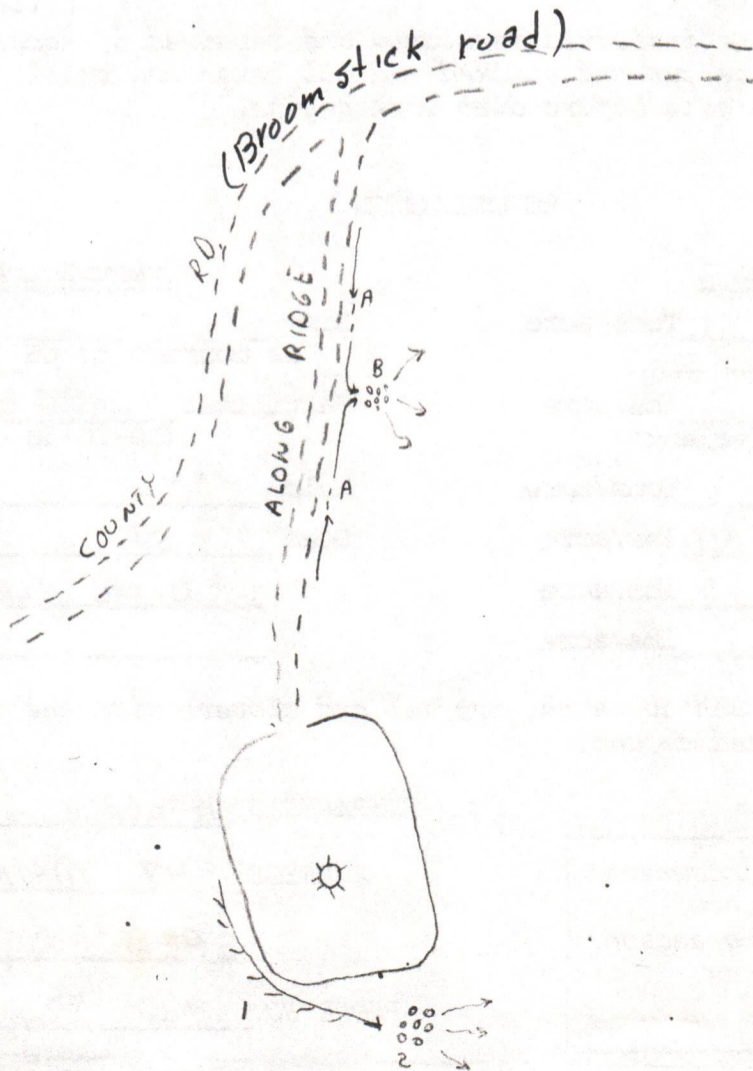
Access Road 



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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



12/01/2023

ASSIGNMENT AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS:

THAT CABOT CORPORATION, a Delaware corporation, with its principal office at 125 High Street, Boston, Massachusetts, authorized to do business in the State of West Virginia, Assignor, for and in consideration of the sum of Two Thousand Four Hundred Dollars (\$2,400.00) to it in hand paid by E. M. SMITH and W. E. SMITH, Grantsville, West Virginia, receipt of which is hereby acknowledged, does by these presents GRANT, BARGAIN, SELL and ASSIGN unto the said E. M. SMITH and W. E. SMITH, Assignees, the oil and gas leasehold estates, but only down to the base of the horizons under each of the tracts of land hereinafter described from which oil or gas is now being produced, in and to those certain oil and gas leases covering lands situated in Center, Sheridan and Lee Districts in Calhoun County, State of West Virginia, and described substantially as follows:

<u>No.</u>	<u>Lessor</u>	<u>Original Lessee</u>	<u>Acres</u>	<u>Recorded Book/Page</u>	<u>Well Serial No.</u>
L1-69	A. J. Holbert, et ux	Godfrey L. Cabot	67½	55/62	73
L1-49	D. M. Whipkey, et ux	Cresco Oil & Gas Co.	122	31/291-92	335
L1-176	Albert Rothwell, et al	Godfrey L. Cabot	70	2/411	347
L1-272	Hattie Wolverton	C. L. Hawker, et al	1-3/4	17/65	804
L1-301	L. R. Harless, et al	K. C. Simmons	175		826

Together with those certain gas wells, identified by serial number above, located on the respective tracts, including the casing, appliances and materials presently in and on said wells; but reserving and excepting unto the Assignor the oil and gas leasehold estates in the various tracts below the base of the horizons under each tract, from which oil or gas is now being produced, and reserving unto the Assignor all pipelines, meters, regulators and equipment now located on said leasehold tracts, but not a part of said wells, or the equipment therein, or the well-head equipment thereon.

In consideration of this Assignment the parties hereto, their respective heirs, successors and assigns, mutually covenant and agree as follows:

1. Assignees covenant and agree with Assignor, within a period of twelve (12) months from the date of this Assignment and Bill of Sale, to fracture, at their own expense, two (2) of the wells described above or described in that certain Oil and Gas Lease between Assignor and Assignees of even date herewith, and to take all such steps as are reasonably necessary, conforming with good operating practices, to make such wells productive of oil or gas in paying quantities. The fracturing of such wells is of the essence of this Assignment and Bill of Sale, and if two (2) of such wells are not so fractured as aforesaid, then this Assignment shall be null and void and all rights and estates so vested in Assignees shall thereupon revert to Assignor.

2. The title to all gas and oil hereafter produced from said wells or from any other well or wells drilled to the assigned depths on the assigned premises shall vest in Assignees, who hereby assume all obligations as lessees in said leases, to make payments of and distribute all oil and gas royalties to the respective lessors, their successors and assigns, insofar as said wells are concerned, hereby covenanting and agreeing to save Assignor harmless insofar as the production, accounting and payment for said oil and gas royalties are concerned. Assignees likewise covenant and agree to pay Assignor a 1/16 overriding oil royalty for all oil produced and saved from the premises. Assignor shall pay all royalties for oil or gas produced from formations below the assigned horizons.

3. Assignees covenant and agree with Assignor that upon abandonment of their well or wells they will plug the same at their own expense and shall, with reference to the plugging, as well also in performance of the several requirements, terms, privileges and conditions of this Assignment and Bill of Sale and said leases, comply at all times with the administrative rules and regulations and laws of the United States of America and the State of West Virginia.

12/01/2023

4. Assignees covenant and agree that they will not sell, transfer or assign said wells, or the equipment therein, or the leasehold estates, or any portion thereof, without the consent of Assignees in writing first having been obtained.

5. Assignees will mail to Assignor a copy of all West Virginia Department of Mines Notices of Proposed Location and Plat at the time the same are forwarded to the State Department of Mines, and will, within thirty (30) days after completion of any well hereunder, send to Assignor all completion logs, fracture records and geophysical logs, and any other pertinent data relative thereto.

6. Assignor makes no warranty, express or implied, as to the physical condition of said wells, pipe, fixtures and equipment, Assignees assuming all risks of any kind and character resulting from and caused by use of the same in the producing, operating, deepening and abandoning of said wells, as aforesaid.

All of the terms, conditions, limitations and covenants between the parties hereto shall extend to their respective heirs, successors, personal representatives and assigns.

EXECUTED this 11 day of May, 1969.

CABOT CORPORATION

By [Signature]  
Division Manager

[Signature]  
E. M. Smith

[Signature]  
W. E. Smith

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA, To-wit:

I, W. A. Wilcox, a Notary Public of said county, do certify that JOHN G. L. CABOT, who signed the foregoing writing, bearing date the 12th day of May, 1969, for CABOT CORPORATION, a corporation, has this day in my said county, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand and notarial seal this 16th day of May, 1969.

Notary Public

My commission expires My Commission Expires October 14, 1978

12/01/2023



STATE OF WEST VIRGINIA

BOOK 059 PAGE 127

COUNTY OF CALHOUN, To-wit:

I, W. E. SMITH, a Notary Public of said ~~EMERY~~ <sup>STATE</sup>, do certify that E. M. SMITH and W. E. SMITH, whose names are signed to the writing hereto annexed bearing date the 12th day of May, 1969, have this day in my said ~~county~~, before me, acknowledged the said writing to be their act and deed. ~~STATE~~

Given under my hand this 12th day of May, 1969.

\_\_\_\_\_  
Notary Public

My commission expires My Commission Expires October 14, 1976.

This instrument prepared by  
Boyd D. Taylor, Attorney  
P. O. Box 1473  
Charleston, West Virginia 25301

12/01/2023

STATE OF WEST VIRGINIA,  
CALHOUN COUNTY COURT CLERK'S OFFICE May 27, 19 69 11:00A.M.

The foregoing Assignment and / together with the certificate thereto annexed, was this day admitted to record in said office.

LOYD REED, Clerk  
By: Guinivere Elliott, Deputy.

Fee: \$1.75

GODFREY L. CABOT,

RECORD

Well No. 335 *CAL 2875* Grantsville District  
 Drilled on D.M. Whipkey Farm. No. of Well on this Farm 3  
 Center District Calhoun County W.Va. State  
 Location made First work done

Work Commenced Rig Completed  
 Drilling Commenced March 10, 1925 Drilling Completed April 14, 1925  
 Contractor Drilling Contractor  
 Drillers O.C. & Omer Howard Torpedo, L. 12 D. 3 1/2 5/1/25 19  
 Dressers Arnold Snider & Golden Stalnaker Number of Quarts 40

FORMATION	TOP	BOTTOM	Water Found Depth	Gas or Oil Depth Found	OPEN FLOW	HOLE	REMARKS
Five Coal							
Pittsburgh Coal							
Blue Dunkard							
Dunkard	1125	1193	<del>Gas</del>	Gas 1164			
Sand	1230	1345	S.L.	Gas			1305 to 1320
Salt	1370	1530		Gas			
Sand Salt	1594	1778	S.L.	"			1724
Iron							
Lime	1944	1962					
Mill Cave	1962	1972					
Lime	1972	2060					
Shiner	2060	2080	Show of gas		2075	S.L.	
Injun	2080	2131	S.L.	Gas	2092	to 2104	
Gas in Lime shell		(Show)	S.L.	2355			
No Berea found							
Filled up to 2132 ft.							
TOTAL DEPTH	2500						

Shot 5/1/25 with 40 lbs. in Big Injun. Top of shot 2092. Bot. 2104. Test from Big Injun and Salt sand before shot 12/10 water in 1" 35 minutes after shot 120/10 water in 2".  
 Open flow test after tubing 6/10 water in 2" tub. 9/10 water in 1" in 8 1/2 Cas 48 hr. Rock pressure. 310# in 2" tubing. 130# in 8 1/2 casing.  
 Minute test in 2" tub. 1m 15#, 2m 20#, 3m 30#, 4m 38#, 5m 45#, 6m 50#, 7m 55#, 8m 60#, 9m 65#, 10m 70#, 30m 125#, 60m 165#. In 8 1/2 cas. 30m, 15# 60m, 40#

TUBING AND CASING RECORD

PACKER RECORD

Size	Charged to Well		Put in Well		Pulled Out		Left in Well		Left at Well Not in Use		Size	KIND	Depth Set	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.			Feet	In.
0 1/2			125		125						8 1/2	Steel shoe	1130	
1/8			1130				1130				6-5/8x2"	Anc. Packer	2112	
1/4			1982		1982									
3/8			2144	11	Tape measurment									

[If 10" casing cemented, so state, and at what depth] Not cemented.

more than two strings of casing are left in hole give reasons for leaving additional strings

12/01/2023

Write S. L. after each measurement made with a steel line.  
 If open flow tested with water write "W" before the figures if mercury write Hg.  
 Steel line measurements should be made of Top and Bottom of Pittsburgh Coal and be principal sands.  
 Under Remarks note if any of principal sands are not found and if any peculiarities and, as looser or harder than ordinary, etc.  
 If any coal other than native or Pittsburgh be found, give steel line measurements top and bottom and nature of coal.  
 Note if water found is fresh or salt.

Approved by *[Signature]*  
 Foreman



RECEIVED

NOV 3 - 1983

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
DEPT. OF MINES

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Grantsville  
Permit No. 013-2875Frac

WELL RECORD

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

Company E.M. & W.E. Smith  
Address Grantsville, WV  
Farm Arlie Blair (D.M. Whipkey) 120 Acres  
Location (waters) Leafbank Creek  
Well No. 3 Elev. 1182  
District Center County Calhoun  
The surface of tract is owned in fee by Arlie Blair  
Address Mive Forks, WV  
Mineral rights are owned by Oma W. Siers et al  
Address Cleveland, Ohio

Drilling commenced 6/1/83  
Drilling completed 10/9/83  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED \_\_\_\_\_

WELL FRACTURED 1000 Gal Acid, 25,000# Sand, 280 Bbl. Water  
120# R.P. 24Hrs - 60 Mcf Open Flow

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water none Feet \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			
10			Size of _____
8 1/4	1130'	1130'	
6 3/8			Depth set _____
5 3/16			
x 4 1/2"	2128'	2128'	Perf. top _____
2	2120	2120	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2" SIZE 2028' No. Ft. 7/14/83 Date

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
							No Change made from original record in total depth. 4 1/2" casing run in well and cemented. Well Cractured 7/18/83

12/01/2023





INVOICE

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

REMIT TO: DOWELL DIVISION  
DOW CHEMICAL USA  
P. O. BOX 360187  
PITT., PA 15230

INVOICE DATE
07/14/83

129414  
F M L W F SMITH  
  
GRANTSVILLE WV 26147

PAGE
1

INVOICE NUMBER
01-12-1756

TYPE SERVICE
CEMENTING LONG STRING

JOB SITE	STATE	COUNTY/CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
DAN. SHIPKEY 23	WV	CALHOUN	OLENVILLE WV	DOWELL	VERBAL
JOB LOCATION			DATE OF SERVICE ORDER	AUTHORIZED BY	
CENTER DISTRICT			07/14/83	ROBERT YOAK	

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION	UNIT PRICE	AMOUNT
012031055	2	GAL	L53W. CLAY CONTROL AGENT	25.75	51.50
010013001	1000	GAL	H15. HCL ACID 15%	.55	550.00
049102010	1	MIN	TRANSPORTATION CEMENT TON MI	57.75	57.75
059200001	27	MI	MILEAGE. EACH SERVICE TRUCK	2.15	58.05
013053055	1	GAL	F78. FZEFLD SURFACTANT	26.00	26.00
044001025	25	LBS	D29. CELLOPHANE FLAKES	1.13	28.25
045014002	300	LBS	D200. BENTONITE EXTENDER	.12	36.00
056702044	1	EA	PLUG CENG 4-1/2" TOP PLASTIC	27.00	27.00
100823121	50	CFT	DH15. STANDARD CEMENT	5.18	259.00
048003006	1	EA	CASING CMTR. 2001-3000 FT	950.00	950.00
049100000	50	CFT	SERVICE CHG CEMENT MATL LAND	.91	45.50
011028058	2	GAL	A200.2* CORROSION INHIBITOR	22.25	44.50
013017054	2	GAL	A22. NON-EMULSIFYING AGENT	26.75	53.50
SUB TOTAL --					2,187.05

*Shipkey  
#128  
8/2/83*

SE C	TAX EXEMPT	995.50	0.00
RE C	TAX EXEMPT	1,075.75	0.00

TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE

WITH QUESTIONS ABOUT YOUR ACCOUNT CALL 713-978-3251  
OR WRITE TO DOWELL, CUSTOMER FINANCIAL SERVICES,  
P.O. BOX 4378, HOUSTON, TEXAS 77210

PAY THIS AMOUNT **12/01/2023**



12/01/2023

DMV 6091

FRACTURE RECORD

RECEIVED

NOV 3 - 1983

Well Name and No. D.M. Whipkey #3

District Center County Calhoun

Permit No. 013-2875 Completion Date 10/9/83

OIL & GAS DIVISION  
DEPT. OF MINES

Formation Fractured:

Top 2064-2067

Bottom 2086-2099

<sup>WES</sup> Material:  
1000 Gal 15% HCL Acid  
25,000# 20-40- Sand  
280 Bbl. Water

Rock Pressure:

Before Fracture 40#

After Fracture 120#

Test After Fracture:

Oil None

Gas 60 Mcf.

Walter E. Smith  
Signature

10/30/83  
Date

Company E.M. & W.E. Smith  
Walter E. Smith, Agent  
P.O. Box 244  
Grantsville, WV 26147

Please complete the above form and return to this office so we can complete our files.

West Virginia Department of Mines  
Office of Oil and Gas  
1615 Washington Street, East  
Charleston, West Virginia 25311

RECEIVED

NOV 1953

U.S. AIR FORCE

DR & GAS DIVISION

DEPT OF MINING

1000 GAL FOR THE MONTH  
2,000 GAL FOR THE QUARTER  
FOR THE YEAR

U.S. AIR FORCE  
DEPT OF DEFENSE  
WASHINGTON, D.C.



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

APR 23 1986

INSPECTOR'S WELL REPORT

Permit No. 13-2875-F

5-25-83

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

Company <u>Walter Smith</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>D. M. Whiskey</u>	16			Kind of Packer _____
Well No. <u>X 3</u>	13			
District <u>centro</u> County <u>cal.</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks:

Release Reclamation

4-19-86

DATE

W. M. Mace

12/01/2023  
DISTRICT WELL INSPECTOR

**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: \_\_\_\_\_

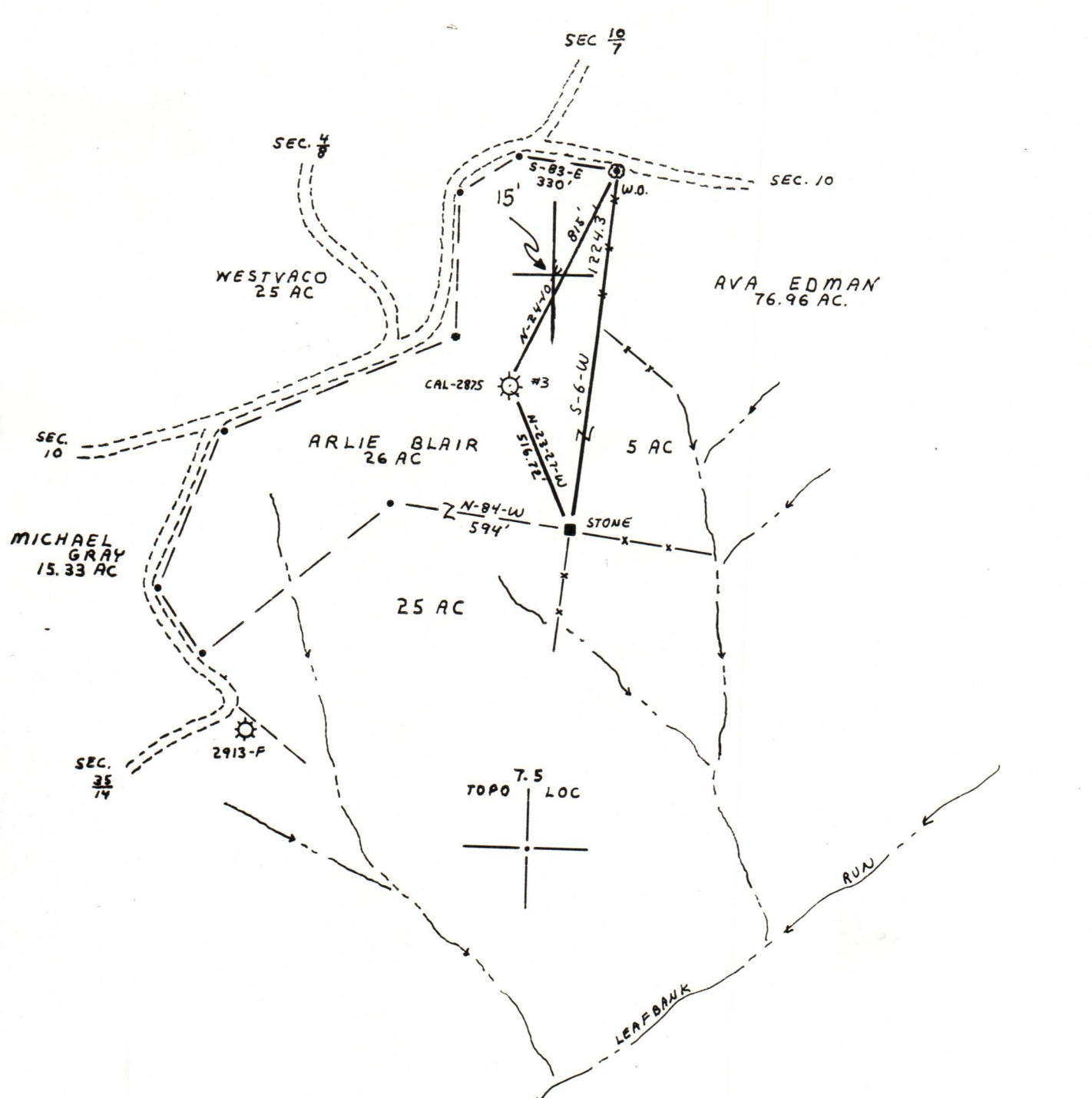
\_\_\_\_\_  
DATE

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

12/01/2023

DISTRICT WELL INSPECTOR

NORTH



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION RD INTER. OF SEC. 10  
SEC. 35/14 EL = 1149

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) Carl B O'Brien  
 R.P.E. \_\_\_\_\_ L.L.S. 757

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE APRIL 7, 19 83  
 OPERATOR'S WELL NO. #3  
 API WELL NO. 47 - 013 - 2875 - Frac.  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1182 WATER SHED LEAF BANK RUN  
 DISTRICT CENTER COUNTY CALHOUN  
 QUADRANGLE GRANTSVILLE 7.5  
 SURFACE OWNER ARLIE BLAIR ACREAGE 26  
 OIL & GAS ROYALTY OWNER OMA WHIPKEY SEARS LEASE ACREAGE 120 12/01/2023  
 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 IN JUN ESTIMATED DEPTH 2144  
 WELL OPERATOR E.M. & W.E. SMITH DESIGNATED AGENT WALTER E SMITH  
 ADDRESS P.O. BOX 244 ADDRESS P.O. BOX 244  
GRANTSVILLE, W.V. 26147 GRANTSVILLE W.V. 26147