



DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

SERVICE ORDER, RECEIPT, AND INVOICE NUMBER

1-17-5064

DEPT. 76
TULSA, OKLAHOMA 74182
(REMIT TO ABOVE ADDRESS)

SALES CODE & JOB COUNT

1101

TERMS: DUE END OF MONTH FOLLOWING MONTH OF SALE.

SHOW THIS NUMBER ON ALL REMITTANCES

CUSTOMER NUMBER 129414	DATE 3-10-1977	CUSTOMER P.O. NUMBER Verbal	SHIPPED VIA Dowell	SERVICE FROM DOWELL LOCATION Glenville	STATE NO. 47
WELL NAME AND NUMBER Hattie Wolverton #1		LOCATION AND POOL Norman Ridge			
COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE Calhoun Wuz		TYPE OF SERVICE Acid.			
CUSTOMER'S NAME E. M. & W. E. Smith					
ADDRESS GRANTSVILLE, WVA					
CITY, STATE & ZIP CODE 26147					

SERVICE ORDER
IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS
I have read, understood and agreed to the terms & conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER BY **[Signature]** AUTHORIZED AGENT

R. T. MILEAGE **50**

UNIT NO.	EQUIP OPERATOR		R. T. TRVL TIME	HRS. ON LOC.
	NUMBER	INIT.		
39-3363264291	S.W.W.	S.W.W.	4	2

SERVICE INSTRUCTIONS:

ITEM NO.	QUANTITY	UNIT	Material, Equipment and Services Used	Unit Price	AMOUNT
S9200-001	25	E.A. mile	Mileage, 1 unit 25 miles ^{one way}	1.13	28.25
18000-006	1	E.A.	C. Pumper	340.00	340.00
00101-000	1000	gal.	Mud Acid.	0.70	770.00
13005-055	2	gal.	F-33 Surfactant	13.40	26.80
13017-054	2	gal.	W-22-Non-Emulsifier	17.75	35.50
11013-055	2	gal.	A-170-Inhibitor	13.65	27.30

47116

ENGR. NO. **255479** ENGINEER'S NAME **Stevens** 4 2

REMARKS **RECEIVED**
MAR 25 1977

OIL & GAS DIVISION
DEPT. OF MINES
 RE-WORK NEW WELL API OR MA NUMBER

DOWELL REPRESENTATIVE **W.R. Stevens** PAYROLL INIT. **W.R.S.**

RECEIPT: THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND EQUIPMENT LISTED ABOVE WERE RECEIVED AND THE SERVICES WERE PERFORMED IN A WORKMANLIKE MANNER.
CUSTOMER **[Signature]** 42012023

ME--S % Tax on \$ **887.85** -0-
SE--S % Tax on \$ **340.00** -0-

CNTY AND SSA NUMBER **013-01**

TOTAL \$ **1227.85**

GODFREY L. CABOT, INC.
WELL RECORD

SERIAL NO. 804 LEASE NO. 1-272 OPERATING DIST. Grantsville MAP SQUARE 59-56

RECORD OF WELL No. <u>1</u> on the		CASING AND TUBING		INITIAL OPEN FLOW
Hattie Wolverton Farm of <u>1-3/4</u> Acres		SIZE	USED IN DRILLING	LEFT IN WELL
in <u>Sheridan</u> District		16		
<u>Calhoun</u> County		13		
<u>Calhoun</u> Field, State of <u>W. Va.</u>		10		
Rig Commenced	19	8 1-4		
Rig Completed	19	6 5-8	1975'6"	1975'6"
Drilling Commenced	April 29, 19 31	5 3-16		
Drilling Completed	June 3, 19 31	3		
Drilling Cost	per foot	2	2121'6"	2121'6"
Contractor is:		TUBED & SHUT IN		
Address:		Date	June 16, 1931	
Drillers' Names		Size of Packer	6-5/8" x 3"	
		Kind of Packer	Wall	
		Packer Set, Depth		
		Size of Anchor	129'6"	
		Perf.—Top	1987	Bot. 1992
		Perf.—Top		Bot.

FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENTS	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	DISTANCE ABOVE OR BELOW S. L.	REMARKS
Surface		0	10						
Sand		40	65						
Sand		105	250						
Big Dunkard		875	900						
Gas Sand		1120	1170			Gas	1160		show
1st Salt Sand		1275	1460			"	1290		24/10 W. - 1"
2nd Salt Sand		1475	1540						
Sand		1575	1616						
Sand		1620	1675						
Sand		1680	1705			Gas	1685 to 1690		8/10 W. - 2"
Maxon		1735	1870			water	1755		hole full
Sand		1873	1945			oil	1760		show
Pencil Cave		1945	1951			water	1815		hole full
Big Lime		1951	2025			Gas	2047 to 2052		5/10 Hg. in 2"
Big Injun		2025	2095			Gas.	2075 to 2095		
Total Depth			2109						

12/01/2023

JAN - 5 1935

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

File No. _____

Well No. 804

Godfrey L. Cabot, Inc. Company of 601 Union Building

Charleston, W. Va. on the L. C. Wolverton Farm

containing 1-3/4 acres. Location Sheridan

District, in Calhoun County, West Virginia

The surface of the above tract is owned in fee by Hattie & L. C. Wolverton

of Brooksville, W. Va. address, and the mineral rights are owned by

Same of Brooksville, W. Va.

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. Cal - 58 issued by the West Virginia Department of Mines, Oil and Gas Division

_____ 193_____.

Elevation of surface at top of well, _____ Spirit Barometric.

The number of feet of the different sized casings used in the well.

_____ feet _____ size. Wood conductor.

_____ feet _____ size, csg. _____ feet _____ sized csg.

_____ feet _____ size, csg. _____ feet _____ sized csg.

_____ feet _____ size, csg. _____ feet _____ sized csg.

_____ packer of _____ size, set at _____

_____ packer of _____ size, set at _____

_____, in casing perforated at _____ feet to _____ feet.

_____, in casing perforated at _____ feet to _____ feet.

No Coal was encountered at _____ feet, thick ness _____ inches, and at _____

feet; thickness _____ inches; and at _____ feet; thickness _____ inches.

Liners were used as follows: (Give details) _____

January 3, 1935

Date.

12/01/2023

Approved GODFREY L. CABOT, INC., Owner.

By _____

(TITLE)

1-5-35
Jan - 5 1935

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

PRELIMINARY DATA SHEET NO. 1

Well No. _____

Company of _____

on the _____

County, West Virginia _____

The surface of the above tract is owned in fee by _____

of _____ address, and the mineral rights are owned by _____

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit _____

issued by the West Virginia Department of Mines, Oil and Gas Division _____

No. _____

192 _____

Elevation of surface at top of well _____

The number of feet of the different sized casing used in the well _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

_____ feet _____

12/01/2023

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

RECEIVED

APR 23 1986

INSPECTOR'S WELL REPORT

Permit No. 13-058

1st Permit 8-19-31
Free 3-9-77

Oil or Gas Well _____
(KIND)

Company <u>Walter Smith</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>H. Walberton</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>Center</u> County <u>Cal.</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 1/2			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

Dis Mace
DIRECTOR

12/01/2023

RECEIVED
NOV 29 1979

OIL & GAS DIVISION
DEPT. OF MINES
Category Code

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>047 13 0058</u>				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA				
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet				
4.0 Name, address and code number of applicant: (35 letters per line, maximum. If code number not available, leave blank.)	Name <u>E.M. & W.E. Smith</u>		Seller Code _____		
	Street <u>P.O. Box 405</u>				
	City <u>Grantsville, W.Va.</u>		State <u>26147</u> Zip Code		
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>Sheridan District</u>				
	Field Name <u>Calhoun</u>		State <u>W.Va.</u>		
	County _____				
(b) For OCS wells:	Area Name <u>N/A</u>		Block Number <u>N/A</u>		
	Date of Lease:				
	Mo. <u>N/A</u> Day _____ Yr. _____		OCS Lease Number <u>N/A</u>		
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Hattie Wolverton No. 1</u>				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name <u>Cabot Corporation</u>		Buyer Code <u>002733</u>		
(b) Date of the contract:	<u>5/12/69</u> Mo. Day Yr.				
(c) Estimated annual production:	<u>.830</u> 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.)		<u>.659</u>	_____	_____	<u>.659</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		<u>2.475</u>	_____	_____	<u>2.475</u>
9.0 Person responsible for this application:	<u>Walter E. Smith</u> Desg. Agent				
Agency Use Only Date Received by Juris. Agency NOV 29 1979 Date Received by FERC	Name _____ Title _____		Signature <u>Walter E. Smith</u>		
	Date Application is Completed <u>Nov. 22, 1979</u>		Phone Number <u>304-354-7699</u>		

12/01/2023

DATE: MAY 1 1980

BUYER-SELLER CODE

PARTICIPANTS:

WELL OPERATOR: E.M. & W.E. Smith
FIRST PURCHASER: Cabot Corporation
OTHER: _____

n/a
002733

*Qualifies as Section 108, stopper well.
Vats used*

W.Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
791129 . 108 . 013 . 0058
Use Above File Number on all Communications
Relating To Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- ITEM NO.
- 1. FERC-121 Items not completed - Line No. _____
 - 2. IV -1 Agent Walter E. Smith
 - 3. IV-2 Well Permit
 - 4. IV.6 Well Plat
 - 5. IV-35 Well Record Drilling _____ Deeping _____
 - 6. IV-36 Gas-Oil Test: Gas Only 2.5 Was Oil Produced? _____ Deepening _____
 - 7. IV-39 Annual Production 1 years
 - 8. IV-40 90 day Production 90 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 _____ 1:4000Map _____ Well Tabulations _____
Gas Analyses _____
 - (5) Date commenced: 4-29-31 Date completed 6-3-31 Deepened _____
 - (5) Production Depth: 1120-1170; 1275-1460; 1680-1705; 1951-2025; 2025-2095
 - (5) Production Formation: Gas Sand; 1st Soft; Sand; Big Lime; Big Injun
 - (5) Final Open Flow: 1,416,480 CF
 - (5) After Frac. R.P. 160 lbs. - 23 hrs.
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: 833/365 = 2 MCF
 - (8) Avg. Daily Gas from 90-day ending w/1 - 120 days 205/90 = 2 MCF
 - (8) Line Pressure: 10 # PSIG from Daily Report
 - (5) Oil Production: From Completion Report 1760 12/01/2023
 - (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? _____

Calhoun SMC

WELL CLASSIFICATION FORM
STRIPPER GAS WELL

Describe the search made of any records listed above:

All information pertaining to well was obtained from the well records, filed in the office of Walter L. Smith, Grantsville, W. Va.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes ___ No x . If yes, indicate the type and source of the information.

I, Walter L. Smith, 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.

Walter L. Smith

State of West Virginia
County of Calhoun, TO WIT:

I, Evelyn M. York, a Notary Public in and for the state and county aforesaid, do certify that Walter L. Smith, whose name is signed to the writing above, bearing date the 22nd day of Nov. 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25 day of Nov., 1979.

My term of office expires on the 26 day of Sept., 1987.

Evelyn M. York
Notary Public

(NOTARIAL SEAL)

Date Nov. 22 1979

Operator's Well No. 1

API Well No. 047 13 0058

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

Designated Agent Walter E. Smith

Address P.O.Box 405
Grantsville, W.Va. 26147

Well Operator E.M. & W.L. Smith Location: Elevation 1060

Address P.O.Box 405 Watershed Norman Ridge

Grantsville, W.Va. 26147 Dist. Sheridan County Calhoun
Arnoldsburg

Gas Purchaser Cabot Corp. Quad. _____

Address Charleston, W.Va. Gas Purchase Contract No. 1-446

Meter Chart Code P1323

Date of Contract May 12 1969

Provide a complete inventory of the lease and production equipment used for the previous 24 months, the period the well has been in production.

6-5/8" Casing, 2-3/8" Gas Line, 6-5/8"x2" Swedge Nipple, gate valves, drips and fittings.

List all records seasonably 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:

All records pertaining to well are located in the office of Walter E. Smith, Grantsville, W.Va.

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

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

REPORT NO. CCA101P1 PG 00002
 CURRENT DATE - 12/19/78
 REPORT DATE - 12/19/78
 11/1/78 - 10/31/79

047-013-0058 FARM: Hattie Wolverten COUNTY: Cabell AVG. FLOW PRESSURE 10#
 API
 OPERATOR: Walter E. Smith, Apt. ID: 18

SHUT-IN PRESSURE
 TOTALS

	J-	F-	M-	A-	M-	J-	J-	A-	S-	D-	N-	OIL	GAS	TOTALS
GAS MFC		50	103	69	70	68	69	69	58	72	64	60	81	833 MCF
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	S-	D-	N-			NONE
DAYS ONLINE														NONE

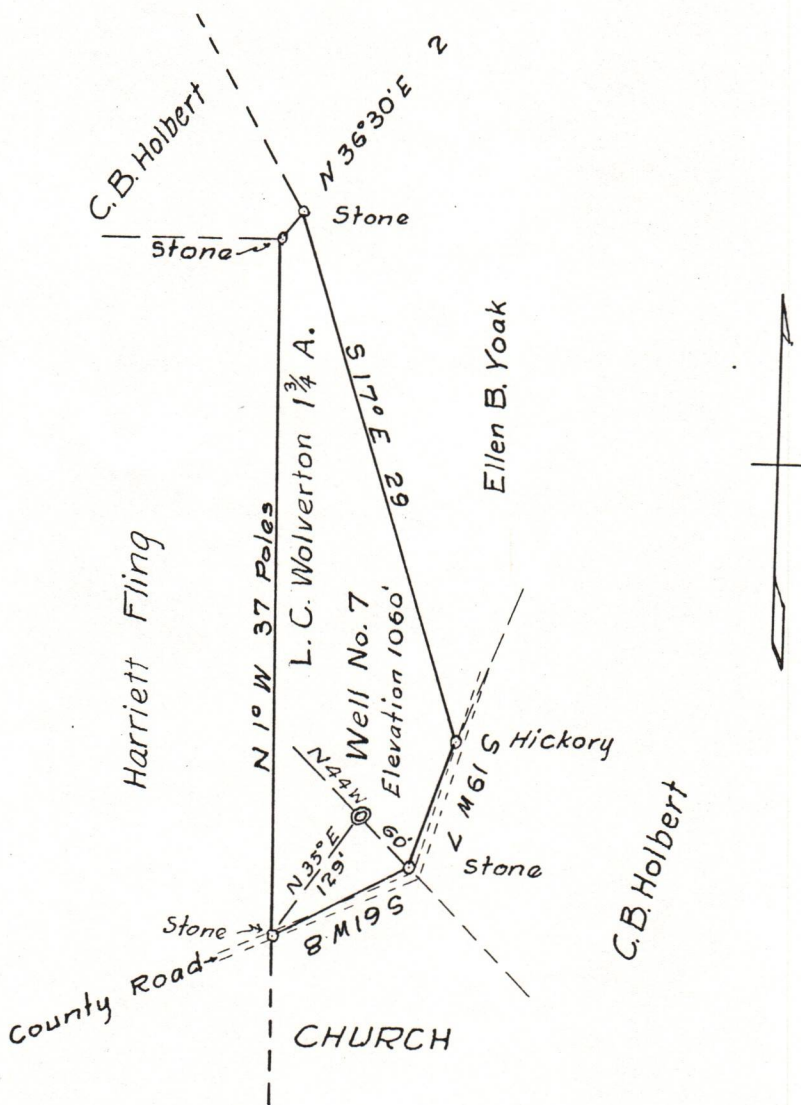
12/01/2023

annual prod.

PERMIT NO. CAL-58-FRAC.
 47 013
 WELL NO. 1 (S-804)

E. M. & W. E. SMITH
 c/o MR. WALTER E. SMITH, AGENT
 GRANTSVILLE, WEST VIRGINIA 26147

Flat of the Proposed Location of Well No. -7 of the
 Lewis-Drilling-Co. of Grantsville on the L.C. Wolverton
 Farm, consisting of 1 $\frac{1}{4}$ acres located in Sheridan District
 Calhoun County.



Engineer's Certificate.

I, the undersigned, hereby certify that this Map 12/01/2023 correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

Logan McDonald
 Engineer

Acknowledged before me a Notary Public

this 12 day of Aug. 1931 *Conrad McDonald*



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED
MAR 8 - 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 7, 1977

Surface Owner John W. Yoak
Address Big Bend, W.Va.
Mineral Owner Okmar Oil Co.
Address Marietta, Ohio
Coal Owner Same
Address _____
Coal Operator None
Address _____

Company E.M. & W.E. Smith
Address % Walter E. Smith, Agent
Grantsville, W.Va. 26147
Farm Hettie Wolverton Acres 1-3/4
Location (waters) Norman Ridge
Well No. 1 Elevation _____
District Sheridan County Calhoun
Quadrangle 59-56

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for fracturing. This permit shall expire if
operations have not commenced by 7-9-77.

INSPECTOR
TO BE NOTIFIED Richard J. Morris
ADDRESS Grantsville, W.Va.
PHONE 354-7259

[Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated _____ 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

_____ NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
Acidize OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours,
E.M. & W.E. Smith
(Sign Name) % Walter E. Smith, Agent
[Signature] Well Operator
P.O. Box 244
Address _____ Street _____
Grantsville, W.Va.
City or Town _____
State _____

12/01/2023

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

CAL-58-FRAC. _____ PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]

BOND FRAC

47 013

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN _____ Acidize
~~FRACTURE-STIMULATE~~
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Francis Cain _____ NAME Walter E. Smith _____
 ADDRESS Big Bend, W. Va. _____ ADDRESS P.O. Box 244 _____
 TELEPHONE 354-7812 _____ TELEPHONE 254-7699 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2109 _____ ROTARY _____ CABLE TOOLS x _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun _____
 TYPE OF WELL: OIL _____ GAS x _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8	<u>Well Record Attached</u>		
8 - 5/8			
7	<u>Well was purchased by E.M. & W.E. Smith from Cabot Corp.</u>		
5 1/2	<u>Drilling Permit number recorded with Dept. of Mines.</u>		
4 1/2	<u>Well Information from Cabot Records</u>		
3	<u>Ser. No. 804</u>		Perf. Top
2	<u>Lease No. 1-272</u>		Perf. Bottom
Liners	<u>Map Sq. 59-56</u>		Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None _____
 IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

12/01/2023

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Louis Wolverton
COAL OPERATOR OR COAL OWNER

Lewis Drilling Co. Godfrey & Cabot
NAME OF WELL OPERATOR

Big Bone Bend N. Va.
ADDRESS

Grantsville, W. Va. Charleston, W. Va.
COMPLETE ADDRESS

None
COAL OPERATOR OR COAL OWNER

August 11, 1931
PROPOSED LOCATION

None
ADDRESS

Sheridan District

NONE
COAL OPERATOR OR COAL OWNER

Calhoun County

None
ADDRESS

Well No. *804*
L.C. Wolverton Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated April 15, 1931, made by A.T.; W.J.; & J.W. Yoak, to Lewis Drilling Company, and recorded on the 16 day of April, 1931, in the office of the County Clerk for said County in

Book 17, page 196

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above

named coal operators or coal owners at their above shown respective address.....day.... before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Lewis Drilling Co
WELL OPERATOR



Address of Well Operator }

Grantsville
CITY OR TOWN

STATE

*Section 3 If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

GODFREY L. CABOT, INC.
WELL RECORD

SERIAL NO. 804 LEASE NO. 1-272 OPERATING DIST. Grantsville MAP SQUARE 59-56

RECORD OF WELL No. <u>1</u> on the <u>Hattie Wolverton</u> Farm of <u>1-3/4</u> Acres in <u>Sheridan</u> District <u>Calhoun</u> County Field, State of <u>W. Va.</u>	CASING AND TUBING			INITIAL OPEN FLOW	
	SIZE	USED IN DRILLING	LEFT IN WELL	_____ of Water in _____ inch	
	16			^{10ths} <u>5</u> of Merc. in _____ inch	
	13			^{10ths} Volume <u>393,120</u> Cu. ft.	
	10			SHOOTING RECORD	
	8 1-4			Date Shot <u>June 4, 1931</u>	
	6 5-8	<u>1975'6"</u>	<u>1975'6"</u>	No. of Quarts <u>30</u>	
	5 3-16			OPEN FLOW AFTER TUBING	
	3			_____ of Water in _____ inch	
	2	<u>2121'6"</u>	<u>2121'6"</u>	^{10ths} of Merc. in <u>2</u> inch	
TUBED & SHUT IN			^{10ths} Volume <u>1,416,480</u> Cu. ft.		
Date <u>June 16, 1931</u>			Jan. <u>1934</u> <u>160</u> Lbs. <u>23</u> Hrs.		
Size of Packer <u>6-5/8" x 5"</u>			24 HR. PRODUCTION TEST AFTER TUBING		
Kind of Packer <u>Wall</u>			M. Cu. Ft. _____ Line Pres. _____		
Packer Set, Depth _____			OIL PRODUCTION		
Size of Anchor <u>129'6"</u>			Oil Flowed _____ Bbls. 1st 24 Hrs.		
Perf.—Top <u>1987</u> Bot. <u>1992</u>			Oil Pumped _____ Bbls. 1st 24 hrs.		
Perf.—Top _____ Bot. _____			Well Abandoned and		
Elevation _____			Plugged _____ 19 _____		

FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENTS	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	DISTANCE ABOVE OR BELOW S. L.	REMARKS
Surface		0	10						
Sand		40	65						
Sand		105	250						
Big Dunkard		875	900						
Gas Sand		1120	1170			Gas	1160		show
1st Salt Sand		1275	1460			"	1290		24/10 W. - 1"
2nd Salt Sand		1475	1540						
Sand		1575	1616						
Sand		1620	1675						
Sand		1680	1705			Gas	1685 to 1690		8/10 W. - 2"
Maxon		1735	1870			water	1755		
Sand		1873	1945			oil	1760		show
Pencil Cave		1945	1951			water	1815		hole full
Big Lime		1951	2025			Gas	2047 to 2052		
Big Injun		2025	2095			Gas	2075 to 2095		5/10 Hg. in 2"
Total Depth			2109						

12/01/2023

JAN - 5 1935

GODFREY L. CABOT, INC.

MAY 1 1934

SERIAL NO. 804

LEASE NO. 1-173

OPERATING DIST. Grantsville

MAP SQUARE 59-53

RECORD OF WELL No. 1 on the

Hattie Wolverton Farm of 1-3/4 Acres
in Sheridan District
Calhoun County

Field. State of W. Va.

Rig Commenced 19
Rig Completed 19
Drilling Commenced April 29, 1931
Drilling Completed June 3, 1931
Drilling to cost per foot
Contractor is:
Address:
Drillers' Names

CASING AND TUBING

SIZE	USED IN DRILLING	LEFT IN WELL
16		
15		
10		
5 1-4		
5-8	1975'6"	1975'6"
5 3-16		
3	2121'6"	2121'6"
2		

TEST BEFORE SHOT

.....of Water in.....inc.
10ths
5.....of Merc. in.....2.....inc.
10ths
Volume 595,180 Cu. ft.

TEST.....HRS. AFTER SHOT

.....of Water in.....inc.
10ths
64.....of Merc. in.....2.....inc.
10ths
Volume 1,416,480 Cu. ft.
Jan 1934 Rock Pressure 160 lbs. 23. f.

Date Shot June 4, 1931

Size of Torpedo 30 lbs.

Oil Flowed..... bbls. 1st 24 hr.

Oil Pumped..... bbls. 1st 24 hr.

Well abandoned and

Plugged 19

Bot. 1992

Bot.

SHUT IN

Date June 16, 1931

Tubing or Casing

Size of Packer 6-5/8"x3"

Kind of Packer Wall

Amount Anchor 129'6"

Amount above Anchor 1992'

1st Perf. Set, Top 1987

2nd Perf. Set, Top

Elevation

FORMATION	COLOR	TOP	BOTTOM	Steel Line Measure Feet	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	Distance Above or Below S. L.	REMARKS
Surface		0	10						
Sand		40	65						
Sand		105	259						
Big Dunkard		875	900						
Gas Sand		1120	1170			Gas	1160		Show
1st. Salt Sand		1275	1430			Gas	1290		24/10 W.1"
2nd. Salt Sand		1475	1510						
Sand		1575	1616						
Sand		1620	1675						
Sand		1680	1705			Gas	1685 to 1690		8/10 W.2"
Maxon		1735	1870			Water	1755		Show
Sand		1873	1945			Oil	1760		Hole full
Pencil Cave		1945	1951			Water	1815		
Big Lime		1951	2025			Gas	2047 to 2052		
Big Injun		2025	2095			Gas	2075 to 2095		5/10 Hg.2"

WINGER PRESSURE MAY 30, 1932

L.P.	1	2	3	4	5	10
2"	58	61	62	63	64	70

319/76 Depth Meter 2086 1/2' (Before C.O.)
C.O. 8'
After C.O. 2094 1/2'

12/01/2023

Total depth 2109



RECEIVED

MAR 25 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

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

Quadrangle _____

Permit No. CAL-58-FRAC

Company E.M. & W.E. Smith
Address Grantsville, W.Va.
Farm Hattie Wolverton Acres 13/4
Location (waters) Norman Ridge
Well No. 1 Elev. _____
District Sheridan County Calhoun
The surface of tract is owned in fee by _____
John W. Yoak
Address Big Bend, W.Va.
Mineral rights are owned by Okmar Oil Co.
Address Marietta, Ohio
Drilling Commenced _____
Drilling Completed _____
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Acidized well. 1000 Gal. Mud Acid used.
No additional hole was drilled. No casing, or tubing was pulled or run into well. Acid was pumped into well through the 3 1/2" tubing in hole. Well was acidized on 3/10/77. Started to swab treatment back 3/11/77. Swabbed fluid down to bottom. Bailed well into pit on March 14, 15, 16, 18 and 21st. No oil show. Gas has showed no increase after acidizing. Well now shut in waiting to turn into line to Cabot Corp.
Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
						See well record recorded with the Dept. of Mines. No added drilling was done. Well was acidized on 3/10/77, no further work is anticipated. Work completed on 3/21/77.

12/01/2023

(over)

* Indicates Electric Log tops in the remarks section.

