

FILE COPY
RECEIVED
MAR 29 1985



1) Date: March 5, 19 85
 2) Operator's Well No. Waco #366-Smith #2A
 3) API Well No. 47-021-4327
 State _____ County _____ Permit _____

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

OIL & GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

DEPT. OF MINES

- 4) WELL TYPE: A Oil _____ / Gas X
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X)
 5) LOCATION: Elevation: 947' Watershed: Leading Creek
 District: Troy County: Gilmer Quadrangle: Auburn 7.5'
 6) WELL OPERATOR WACO OIL & GAS CO., INC. 51800 7) DESIGNATED AGENT Kenneth Greenlief
 Address 1297 N. Lewis St. Address 1297 N. Lewis St.
Glenville, WV 26351 Glenville, WV 26351
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Deo Mace Name I.L. Morris Well Service, Inc.
 Address Rt. 1, Box 5 Address 1297 N. Lewis St.
Sandridge, WV 25274 Glenville, WV 26351
 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Elk
 12) Estimated depth of completed well, 5800 feet
 13) Approximate strata depths: Fresh, 100 feet; salt, None feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X

15) 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									Sizes
Coal									
Intermediate	8 5/8	ERW	20	X		800	800	200 sks. to surface	
Production	4 1/2	J-55	10.5	X			5800	700 sks. <i>on as required by rule 15.01</i>	
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-021-4327

Date April 5, 19 85

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires April 5, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>168</u>	Agent: <u>SW</u>	Plat: <u>MH</u>	Casing <u>MH1302</u>	Fee
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Margaret J. Hesse
Administrator, Office of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File 12/01/2023

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____



IV-9
Revised 11-81

State of West Virginia
Department of Mines
Oil and Gas Division

DATE February 11, 1985
WELL NO. Waco 366-Smith 2A
API NO. 47-021-4327

Rec'd. (WFSCO)
FEB 12 1985

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Waco Oil & Gas Co., Inc. DESIGNATED AGENT Kenneth Greenleaf
Address Glenville, WV 26351 Address Glenville, WV 26351
Telephone (304) 462-5347 Telephone (304) 462-5347
LANDOWNER Page Smith SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Main Line Construction Co. (Agent)
This plan has been reviewed by West Fork SCD. All corrections
and additions become a part of this plan: 2/28/85
(Date)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A
CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT.
OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES
THIS PLAN NOT ACCEPTABLE. ACCESS ROAD SCD.

Kenneth E. Knight
(SCD Agent)

LOCATION

- | | |
|---|---------------------------------------|
| Structure <u>DRAINAGE DITCH</u> (A) | Structure <u>DIVERSION DITCH</u> (1) |
| Spacing <u>Inside road cuts.</u> | Material <u>Earth</u> |
| Page Ref. Manual <u>2-12</u> | Page Ref. Manual <u>2-12</u> |
| Structure <u>CROSS DRAIN</u> (B) | Structure <u>SEDIMENT BARRIER</u> (2) |
| Spacing <u>3-5% - 135' Apart.</u> | Material <u>brush + stone</u> |
| <u>as shown on plan.</u> | Page Ref. Manual <u>2-16</u> |
| <u>with riprapped outlet.</u> | |
| Page Ref. Manual <u>2-14</u> | |
| Structure <u>CULVERT (18" MIN I.D.)</u> (C) | Structure <u>FILTER STRIP</u> (3) |
| <u>as shown on plan. (according to O&G man)</u> | Material <u>Undisturbed Nat. Veg.</u> |
| Spacing <u>at natural drains.</u> | Page Ref. Manual <u>2-16</u> |
| <u>with riprapped outlet.</u> | |
| Page Ref. Manual <u>2-7</u> | |

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 & II

* Lime	Tons/acre
or correct to pH <u>6.5</u>	
Fertilizer	lbs/acre
<u>500</u>	
(10-20-20 or equivalent)	
Mulch <u>H. Seed paper</u>	3/4 Tons/acre
Seed* <u>Orchardgrass</u>	10 lbs/acre
<u>Red Clover</u>	12 lbs/acre
<u>Alsike Clover</u>	4 lbs/acre

Treatment Area II

Lime	Tons/acre
or correct to pH	
Fertilizer	lbs/acre
(10-20-20 or equivalent)	
Mulch	Tons/acre
Seed*	lbs/acre
	lbs/acre
	lbs/acre

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

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

PLAN PREPARED BY S. E. Hollen
ADDRESS Waco Oil & Gas Co., Inc.
Glenville, WV 26351
PHONE NO. (304) 462-5347

RECEIVED

12/01/2023

MAR 29 1985

OIL & GAS DIVISION
DEPT. OF MINES

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

RECEIVED

MAR 29 1985



1) Date: March 1, 19 85
 2) Operator's Well No. WACO 4386-Smith #2A
 3) API Well No. 47-021
 State _____ County _____ Permit _____

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

OIL & GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 9475 Watershed: Leadana Creek
 District: Troy County: Gilmer Quadrangle: Auburn 7.5'
 6) WELL OPERATOR WACO OIL & GAS CO., INC. 7) DESIGNATED AGENT Kenneth Greenleaf
 Address 1297 N. Lewis St. Address 1297 N. Lewis St.
Glenville, WV 26031 Glenville, WV 26031
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name DeO Mage Name L.L. Orrrie Well Service, Inc.
 Address Rt. 1, Box 3 Address 1297 N. Lewis St.
Sandridge, WV 26274 Glenville, WV 26031
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, _____
 12) Estimated depth of completed well, _____ feet
 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water										
Coal										
Intermediate										
Production										
Tubing										
Liners										

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.
 I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)
Page Smith
 (Signature) Date: 3-26-85

 (Signature) Date: _____

1) Date: March 5, 19 85
2) Operator's
Well No. Waco #366-Smith #2A
3) API Well No. 47 - 021 - 4327
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Page Smith
Address _____
Troy, WV
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR n/a
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name n/a
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name n/a
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

- 6) 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.)
- 7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Kenneth Greenlief
this 5 day of March, 1985.
My commission expires 16th, 1990.
M. Lynn Chapman
Notary Public, Gilmer County,
State of West Virginia

WELL
OPERATOR WACO OIL & GAS CO., INC.
By Kenneth Greenlief, Kenneth Greenlief
Its Agent
Address 1297 N. Lewis St.
Glenville, WV 26351
Telephone 304-462-5347

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
MAR 29 1985

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Page Smith	WACO OIL & GAS CO., INC.	1/8	324	619
Clifton G. Valentine et ux	WACO OIL & GAS CO., INC.	1/8	348	486

12/01/2023

FEAC



IV-35
(Rev 8-81)

Date August 9, 1985
Operator's
Well No. #366
Farm Smith #2A
API No. 47 - 021 - 4327

State of West Virginia
Department of Mines
Oil and Gas Division

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

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

LOCATION: Elevation: 947' Watershed Leading Creek
District: Troy County Gilmer Quadrangle Auburn

COMPANY WACO OIL & GAS CO., INC.

ADDRESS PO Box 397, Glenville, WV 26351

DESIGNATED AGENT Stephen E. Holloway

ADDRESS PO Box 397, Glenville, WV 26351

SURFACE OWNER Page Smith

ADDRESS Glenville, WV 26351

MINERAL RIGHTS OWNER Page Smith

ADDRESS Glenville, WV 26351

OIL AND GAS INSPECTOR FOR THIS WORK _____

Deo Mace ADDRESS Sandridge, WV 24257

PERMIT ISSUED 4/5/85

DRILLING COMMENCED 5/9/85

DRILLING COMPLETED 5/14/85

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	874	874	to surface
7'			
5 1/2			
4 1/2		5662	676 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5800 feet

Depth of completed well 5812 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 47 feet; Salt None feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Elk, Alexander, Benson Pay zone depth see treatment feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 1087 Mcf/d Final open flow show Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1485 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion--)

12/01/2023

Second producing formation Riley, Balltown Pay zone depth see treatment feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

GIL 4327

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

Lower Elk - 5052 to 5619 - 500 Gal 15% Hcl, 40 Ton CO₂, 350 MCF N₂
 Upper Elk, Alexander - 4802 to 4946 - 500 Gal 15% Hcl, 40 Ton CO₂, 350 MCF N₂
 Benson, 3rd Riley - 4496 to 4573 - 500 Gal 15% Hcl, 75 Quality Foam Frac, (40,000# 20-40)
 575 MCF N₂
 2nd Riley - 4174 to 4426 - 500 Gal 15% Hcl, 750 MCF N₂
 Balltown - 3779 to 3789 - 500 Gal 15% HCL, 750 MCF N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	4	
Sand, Shale			4	90	Hole damp @ 47'
Sand, Shale, Red Rock			90	571	
Sand, Shle			571	1675	
Little Lime			1675	1699	
Big Lime			1699	1815	
Big Injun			1815	1855	
Sand, Shale			1855	2990	
Speechly Section			2990	3760	
Balltown Section			3760	4150	
Riley Section			4150	4550	
Benson			4550	4555	
Shale			4555	4770	
Alexander			4770	4820	
Shale			4820	4896	
Elk			4896	4826	
Shale			4926	5500	
Elk			5500	5510	
Shale			5510	5812	TD

(Attach separate sheets as necessary)

WACO OIL & GAS CO., INC.
Well Operator

By: _____, Noble W. Zickefos, Geologist
 Date: 8/9/85

12/01/2023

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

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

RECEIVED

MAY 14 1985

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 21-4327

Oil or Gas Well _____
(KIND)

Company <u>WACO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Smith</u>	16			Kind of Packer _____
Well No. <u>386</u>	13			
District <u>Troy</u> County _____	10			Size of _____
Drilling commenced <u>5-9-85</u>	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 <u>DAMP 47</u> 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 G. J. Morris 7

Remarks:
874' 8 5/8" casing, 200 Sk5 cement, Novaco, 5-10-85
cement circulated & stayed up.

5-10-85
DATE

G. J. Morris 12/01/2023
DISTRICT WELL INSPECTOR

4-5-85

1R-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE _____
ELEVATION _____
DISTRICT TROY
QUADRANGLE _____
COUNTY GILMER

API# 47-021-4327
OPERATOR WACO OIL & GAS
TELEPHONE _____
FARM PAGE SMITH
WELL # 366 SMITH 2A

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED APR 22 1986

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

CASING

Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 4/18/86

Craig Duckworth 12/01/2023
Inspector's signature

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

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

1408-32

AUG 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 9, 19 85

Applicant's Name: Waco Oil & Gas Co., Inc. *51800*

Address: PO Box 397
Glenville, WV 26351

Gas Purchaser Contract No. na

Date of Contract na
(Month, day and year)

First Purchaser: Consolidated Gas Supply *P620*

Address: PO Box 2450
(Street or P.O. Box)
Clarksburg WV 26301
(City) (State) (Zip Code)

FERC Seller Code 019942

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
850815 4030-021-4327
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Stephen E. Holloway

Address: PO Box 397
Glenville, WV 26351

FERC Buyer Code 004228

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

Name: Stephen E. Holloway Agent
(Print) SEH (Title)

Signature: [Signature]

Address: PO Box 397
(Street or P.O. Box)
Glenville WV 26351

Telephone: 304 462-5347
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

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

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

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

AGENCY USE ONLY
QUALIFIED
12/01/2023

RECEIVED
AUG 15 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

Date August 9 19 85

Operator's Well No Waco #366

API Well No. 47 - 021 - 4327
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

WPGA Section 103

DESIGNATED AGENT Stephen E. Holloway

ADDRESS PO Box 397
Glenville, WV 26351

WELL OPERATOR WACO OIL & GAS CO., INC.

LOCATION: Elevation 947'

ADDRESS PO Box 397
Glenville, WV 26351

Watershed Leading Creek
Dist. Troy County Gilmer Quad. Auburn

GAS PURCHASER Consolidated Gas Supply

Gas Purchase Contract No. na

ADDRESS PO Box 2450
Clarksburg, WV 26301

Meter Chart Code na

Date of Contract na

* * * * *

Date surface drilling was begun: May 9, 1985

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

$$PWS = PWH + (0.25) \left(\frac{PWH}{100} \right) \left(\frac{D}{100} \right)$$

PWS = Bottom Hole Pressure
PWH = Top Hole Pressure
D = Depth of Well Casing

$$PWS = 1485 + (0.25) \left(\frac{1485}{100} \right) \left(\frac{5662}{100} \right)$$

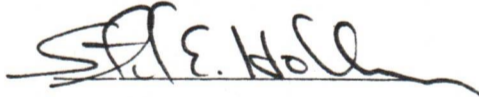
$$PWS = 1485 + (0.25) (14.85) (56.62)$$

$$PWS = 1485 + 210.20$$

$$PWS = 1695$$

AFFIDAVIT

I, Stephen E. Holloway, 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 GILMER, TO WIT:

I, Gregory C. Nicholson, a COMMISSIONER in and for the state and county aforesaid,

do certify that Stephen E. Holloway, whose name is signed to the writing above, bearing date the ___ day of _____, 19 85, has acknowledged the same before me, in my county aforesaid.

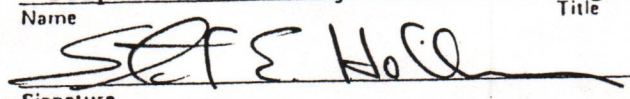
Given under my hand and official seal this ___ day of _____, 19 85.

My term of office expires on the 16th day of September, 19 92.

[NOTARIAL SEAL]


Notary Public

12/01/2023

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-021-4327</u>												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>107</u> Section of NGPA Category Code												
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>5619</u> feet												
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>WACO OIL ' & GAS COMPANY, INC.</u> <u>019942</u> Seller Code Name <u>PO Box 397</u> Street <u>Glenville</u> <u>WV</u> <u>26351</u> City State Zip Code												
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>Leading Creek</u> Field Name <u>Gilmer</u> <u>WV</u> County State												
(b) For OCS wells:	<u>NA</u> <u>NA</u> Area Name Block Number Date of Lease: <u>NA</u> Mo. Day Yr. <u>NA</u> OCS Lease Number												
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>WACO #366 - Smith #2A</u>												
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>NA</u>												
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Consolidated Gas Supply</u> <u>004228</u> Buyer Code Name												
(b) Date of the contract:	<u>NA</u> Mo. Day Yr.												
(c) Estimated annual production:	<u>17</u> MMcf.												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> </tr> <tr> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>
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<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>										
<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>										
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> <td style="text-align:center;"><u>na</u></td> </tr> </tbody> </table>	<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>								
<u>na</u>	<u>na</u>	<u>na</u>	<u>na</u>										
9.0 Person responsible for this application:	<u>Stephen E. Holloway</u> <u>Agent</u> Title Name  Signature <u>August 9, 1985</u> <u>304-462-5347</u> Date Application is Completed Phone Number												

Agency Use Only
Date Received by Juris. Agency
AUG 15 1985
Date Received by FERC

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 9, 1985 51800

Applicant's Name: Waco Oil & Gas Co., Inc.

Address: PO Box 397
Glenville, WV 26351

Gas Purchaser Contract No. na

Date of Contract na
(Month, day and year)

First Purchaser: Consolidated Gas Supply P 620

Address: PO Box 2450
(Street or P.O. Box)
Clarksburg WV 26301
(City) (State) (Zip Code)

FERC Seller Code 019942

AGENCY USE ONLY Den

WELL DETERMINATION FILE NUMBER

850815 -1073-021-4327

Use Above File Number on all
Communications Relating to This Well

Designated Agent: Stephen E. Holloway

Address: PO Box 397
Glenville, WV 26351

FERC Buyer Code 004228

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

Name: Stephen E. Holloway Agent
(Print) (Title)

Signature: *[Signature]*

Address: PO Box 397
(Street or P.O. Box)
Glenville WV 26351

Telephone: 304 462-5347 (Zip Code)
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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- xxxx 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

12/01/2023

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AUG 15 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. Waco #366

API Well No.

47 - 021 - 4327
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT Stephen E. Holloway

ADDRESS PO Box 397
Glenville, WV 26351

LOCATION Elevation 947'

Watershed Leading Creek

Dist. Troy County Gilmer Quad. Auburn

Gas Purchase
Contract No. na

Meter Chart Code na

Date of Contract na

WELL OPERATOR WACO OIL & GAS CO., INC.

ADDRESS PO Box 397
Glenville, WV 26351

GAS PURCHASER Consolidated Gas Supply

ADDRESS PO Box 2450
Clarksburg, WV 26301

* * * * *

Date surface drilling began: May 9, 1985

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

$$PWS = PWH + (0.25) \left(\frac{PWH}{100}\right) \left(\frac{D}{100}\right)$$

$$PWS = 1485 + (0.25) \left(\frac{1485}{100}\right) \left(\frac{5662}{100}\right)$$

$$PWS = 1485 + (0.25) (14.85) (56.62)$$

$$PWS = 1485 + 210.20$$

$$PWS = 1695$$

PWS = Bottom Hole Pressure
PWH = Top Hole Pressure
D = Depth of Well Casing

AFFIDAVIT

I, Stephen E. Holloway, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(1) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

STATE OF WEST VIRGINIA

COUNTY OF GILMER, TO-WIT:

I, Gregory C. Nicholson, a ~~Notary Public~~ COMMISSIONER in and for the state and county

aforsaid, do certify that Stephen E. Holloway, whose name is signed to the writing above, bearing date the 9th day of August, 19 85, has acknowledged the same before me, in my county aforsaid.

12/01/2023

Given under my hand and official seal this 9th day of August, 19 85.

My term of office expires on the 16th day of September, 19 92.

(NOTARIAL SEAL)

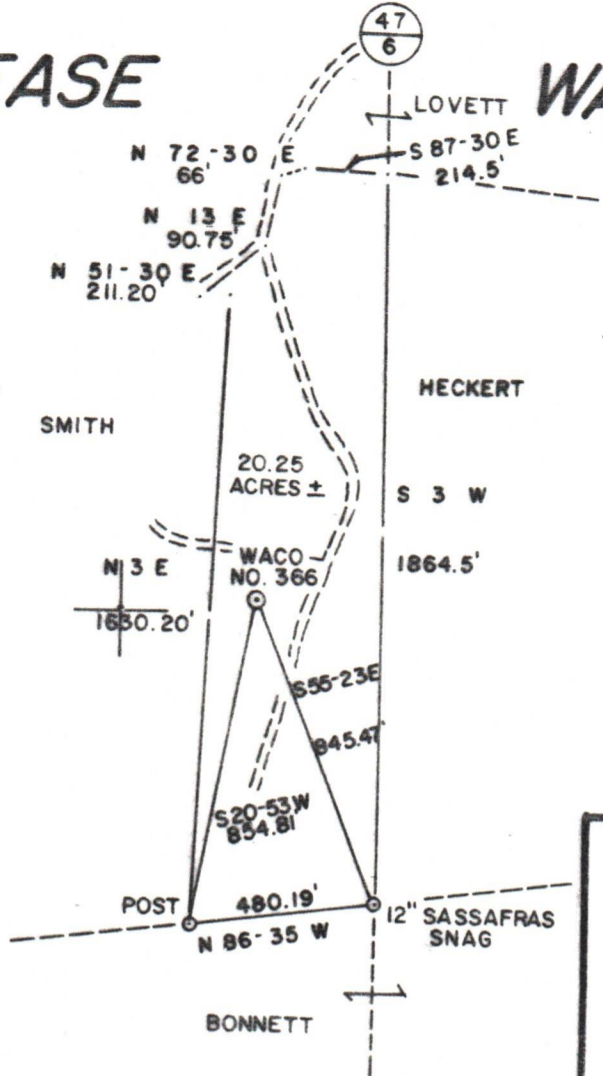
4-4-85

9810' LATITUDE 39 02 30

SMITH LEASE

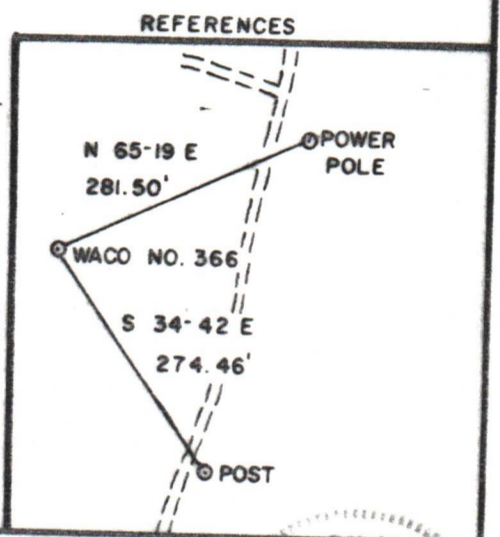
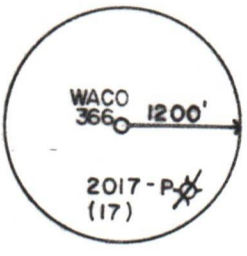
WACO-366

117 AC. ± TOTAL



SMITH 2A

LONGITUDE 80 45 00
7680'



FILE NO. 15-63
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JUNCT. OF ROADS
ELEV. 771'

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE FEBRUARY 11, 19 85
 OPERATOR'S WELL NO. WACO 366
 API WELL NO. SMITH 2A
47 - 021 - 4327
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 947' WATER SHED LEADING CREEK
 DISTRICT TROY COUNTY GILMER
 QUADRANGLE AUBURN 7.5'
 SURFACE OWNER PAGE SMITH ACREAGE 117
 OIL & GAS ROYALTY OWNER PAGE SMITH LEASE NO. _____ LEASE ACREAGE 20.25 OF 117

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ELK ESTIMATED DEPTH 5200'
 WELL OPERATOR WACO OIL & GAS CO. INC. DESIGNATED AGENT KENNY GREENLIEF
 ADDRESS P.O. BOX 4 ADDRESS P.O. BOX 4
GLENVILLE, WV 26351 GLENVILLE, WV 26351

12/01/2023