

CERTIFICATE

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200

Signed *William D. Smith* # L.L.S. 116

COMPANY CARL E. SMITH INCORPORATED
 ADDRESS P.O. Box 4 SANDYVILLE, W.VA. 27275
 FARM J.A. McMURRAY
 MAP _____ ACRES 21.8 LEASE NO. _____
 WELL (FARM) NO. ONE SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 747.95
 QUADRANGLE RIPLEY N.W. 15 / Sandyville 7.5
 COUNTY JACKSON DISTRICT RAVENSWOOD
 POINT OF PROVEN ELEVATION U.S.G.S. DATUM INTERSECTION
WITH W.VA. SEC. ROAD No. 66
 FILE NO. _____ DRAWING NO. _____
 DATE Nov. 9, 1972 SCALE 1" = 400'

STATE OF WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil & Gas
 Nitro, WV.
 Well No. 47-035-01350-7
 FEB 20 1973

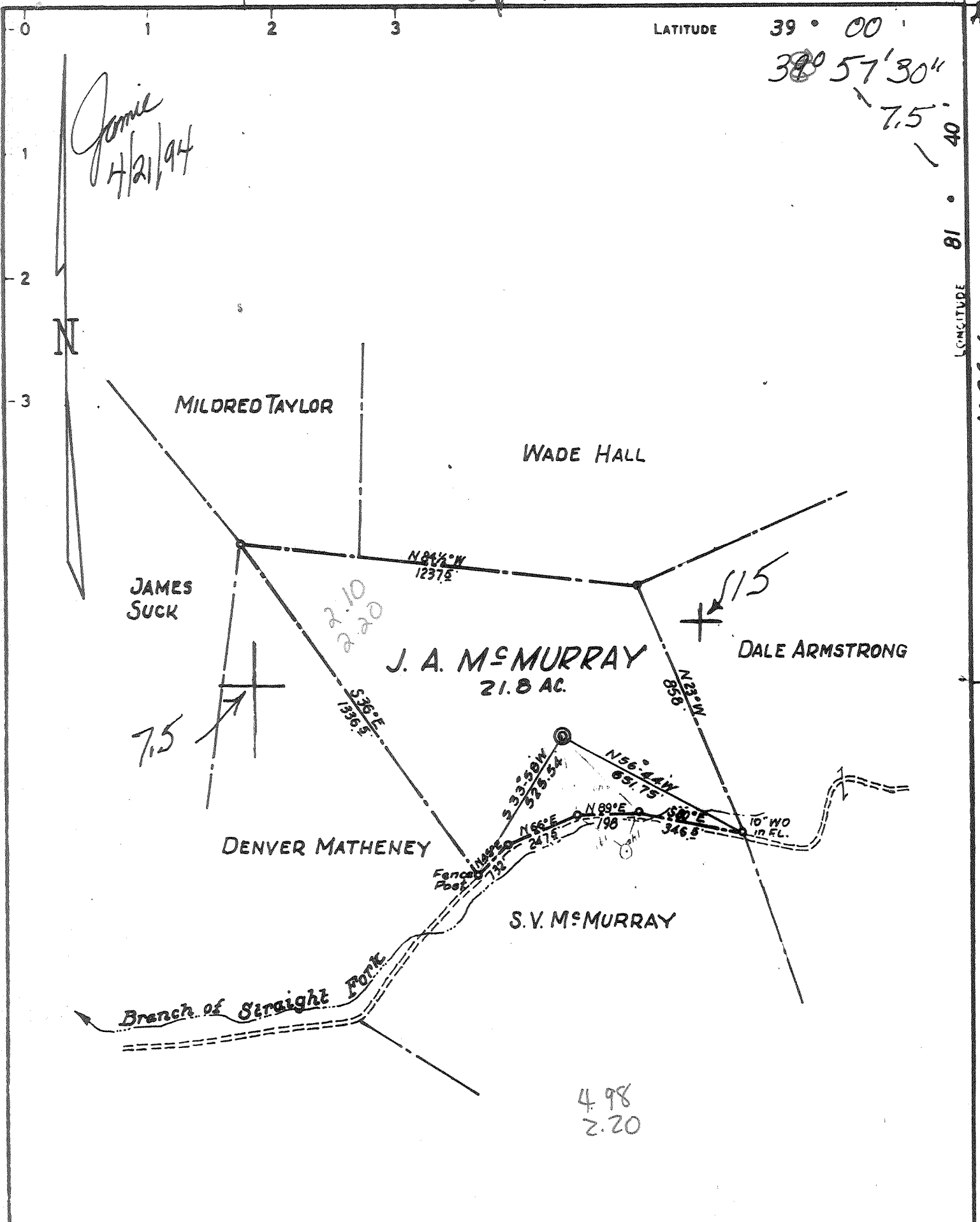
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN

- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING

Original Production Newburg frac Crispany Corning

JACK 1350-F

11610



Jonie
4/21/94

LATITUDE 39° 00'
38° 57' 30"
7.5' 40'

LONGITUDE 81° 40'

10960

CERTIFICATE

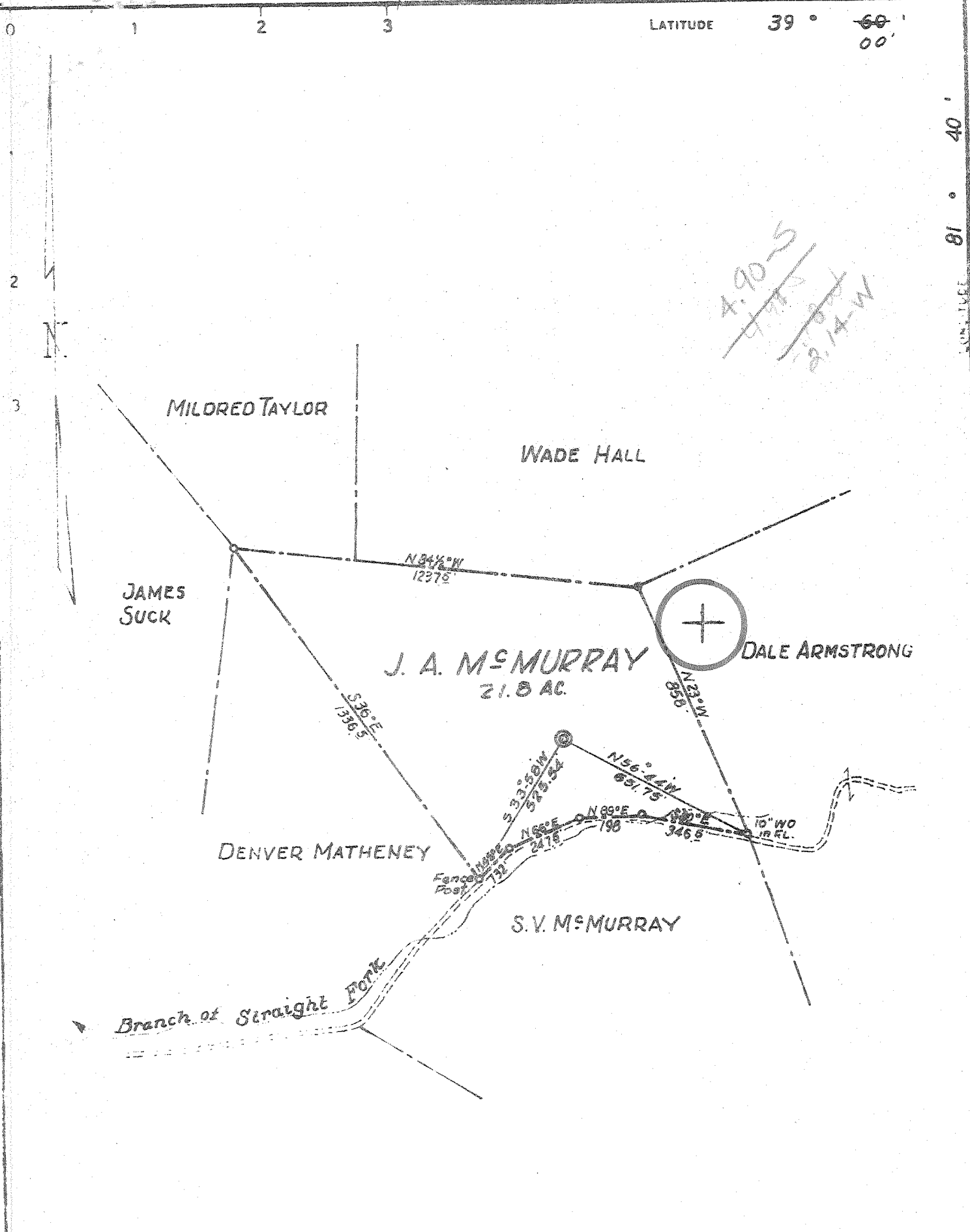
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COMPANY	CARL E. SMITH INCORPORATED		
ADDRESS	P.O. Box 4 SANDYVILLE, W.VA. 27275		
FARM	J.A. McMURRAY		
MAP	ACRES	21.8	LEASE NO
WELL (FARM) NO.	ONE	SERIAL NO	
ELEVATION (SPIRIT LEVEL)	747.95		
QUADRANGLE	RIPLEY N.W. 15 / Sandyville 7.5		
COUNTY	JACKSON	DISTRICT	RAVENSWOOD
POINT OF PROVEN ELEVATION	U.S.G.S. DATUM - INTERSECTION WITH W.VA. SEC. ROAD No. 66		
FILE NO		DRAWING NO	
DATE	Nov. 9, 1972	SCALE	1" = 400'

STATE OF WEST VIRGINIA	
Division of Environmental Protection	
Office of Oil & Gas	
Nitro W.V.	
Oil Well No. 47-035-01350-7	
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.	
-- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING	

DEEP WELL Original Production Newburg Anac Disposal Comingle



LATITUDE 39° 00' 00"

LONGITUDE 81° 40'

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COMPANY	CARL E. SMITH INCORPORATED		
ADDRESS	P.O. Box 4 SANDYVILLE, W.VA. 27275		
FARM	J.A. McMURRAY		
MAP	ACRES	LEASE NO	
	21.0		
WELL (F&M) NO	ONE	SERIAL NO	
ELEVATION (SPIRIT LEVEL)	747.95		
QUADRANGLE	RIPLEY N.W.		
COUNTY	JACKSON	DISTRICT	RAVENSWOOD
POINT OF PROVEN ELEVATION	U.S. G.S. DATUM - INTERSECTION		
	WITH W.VA. SEC. ROAD No. 65		
FILE NO	DRAWING NO		
DATE	Nov. 9, 1972	SCALE	1" = 400'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO <u>Jac-1350</u>
+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500 LATITUDE AND LONGITUDE LINE BEING REPRESENTED BY BORDER LINES AS SHOWN
- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING

6-6 ~~Silverton (201)~~
 (324)

Deep Well (Newburg)
 NOV 20 1972



RECEIVED

MAR 12 1973

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

- Rotary [x] Spudder [] Cable Tools [] Storage []

Quadrangle Ripley N.W. Permit No. JAC. 1350

WELL RECORD 3

Oil or Gas Well Gas (KIND)

Company: Carl E. Smith, Inc. Address: P. O. Box 4, Sandyville, W. VA. Farm: J. A. McMurrey Acres: 21 Location: Straight Fork Well No: # 1 (#76) Elev: 747.95 District: Ravenswood County: Jackson

Open Flow: 10,000 MCF /10ths Water in: 10ths Merc. in: Volume: 2170 Cu. Ft. Rock Pressure: 2170 lbs. 18 hrs. Name of Service Co.: Halliburton

RESULT AFTER TREATMENT (Initial open Flow or bbls.) ROCK PRESSURE AFTER TREATMENT HOURS Producing Sand: Newburg Depth: 5502 to 5508 (TD 5525)

Table with 8 columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth, Remarks. Rows include Sand, Shale, Rock, Lime, Injun Sand, Berea Sand, and Newburg.

(over)

MAR 19 1973

Formation	Color	Hard or Soft	Top ³	Bottom	Oil, Gas or Water	Depth Found	Remarks
Criskany			4795	4805			
lime	HEUBERBERG & SAUNA		4805	5415			
shale			5415	5502			
ewburg			5502	5508			
shale & Lime - McKenzie			5508	5525			
					545		

Date 3/5, 1923

APPROVED

Carl E. Smith Inc., Owner

By

Paul W. Jones
(Title) LAND MANAGER

FEB 28 1997

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: REED, EVERETT & PATTY Operator Well No.: 76

LOCATION: Elevation: 747.95 Quadrangle: LIVERPOOL

District: RAVENSWOOD County: JACKSON
Latitude: 10960 Feet South of 37 Deg. 57Min. 30 Sec.
Longitude 11610 Feet West of 81 Deg. 40 Min. Sec.

Company: SMITH, CARL E., PETROLEUM
P. O. BOX 4
SANDYVILLE, WV 25275-0000

Agent: LARRY D. SMITH

Inspector: Homer Dougherty
Permit Issued: 04/21/94
Well work Commenced: 05/19/94
Well work Completed: 05/19/94
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) _____
Fresh water depths (ft) _____
Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
14"	54.5#	54'	To Surface
8 5/8"	32#	2086	2086
5 1/2"	15.5#	5501	450 SK

Is coal being mined in area (Y/N)?
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) 4782-4798
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 0 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 0 psig (surface pressure) after 0 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: R.A. Pryce
SMITH, CARL E., PETROLEUM, INC.

By: R.A. Pryce
Date: _____

Set 5 1/2 bridge plug at 4860' and shot 22 holes at 4782-4798

Pump 2250 gal 15% HCL Acid with Nitrogen

Oriskany would not break down pressure up to 4380 #

Acid displaced with no breakdown

No results after treatment

Plug drilled out and well put back on production from Newburg sand

No pit used



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
NOV 13 1972
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE November 9, 1972

Surface Owner J. A. McMurray

Company Carl E. Smith, Inc.

Address Rt. 1, Ravenswood, W. Va.

Address P. O. Box 4, Sandyville, W. Va.

Mineral Owner Same

Farm J. A. McMurray Acres 25 21.8

Address _____

Location (waters) ~~Ripley~~ Branch 2

Coal Owner Same

Well No. 1 Straight fork Elevation 749.75

Address _____

District Ravenswood County Jackson

Coal Operator None

Quadrangle Ripley

Address _____

INSPECTOR TO BE NOTIFIED Mr. Fred Budeite
Box 190 PH: 984-9263
Cyceron Route
Sissonville, W. Va.
25185

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 drilling. This permit shall expire if operations have not commenced by 3-13-73.

Deputy Director
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 March 9 1971 by J. A. McMurray to U. F. C. assignment Carl E. Smith, Inc. made to _____ and recorded on the 2 day of April 1971, in Jackson County, Book 117 Page 94

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ 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.

Very truly yours, Carl E. Smith
Paul W. Jones
(Sign Name) _____ Well Operator Land Manager

Address of Well Operator

P. O. Box 4
Street
Sandyville
City or Town
W. Va.
State

*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.

BLANKET BOND

Jac-1350 PERMIT NUMBER Survey

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

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: Carl E. Smith, Inc.
 NAME Carl E. Smith, Inc. NAME Same
 ADDRESS P. O. Box 4, Sandyville, W. Va. ADDRESS _____
 TELEPHONE 273-4261 TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5600' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg
 TYPE OF WELL: OIL _____ GAS _____ 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 <u>13 3/8</u>	<u>60'</u>	<u>60'</u>	<u>150 bags</u>
9 - 5/8			
8 - 5/8	<u>2300'</u>	<u>2300'</u>	<u>450 bags</u>
7			
5 1/2	<u>5600'</u>	<u>5600'</u>	<u>100 bags</u>
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____, _____
 IS COAL BEING MINED IN THE AREA? No 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

MAR 25 1994

035-1350 Frac.
 Issued 04/21/94
 Page 3 of 8
 Expires 04/21/96

FORM WW-2B

Permitting
 Office of Oil & Gas

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: Carl E. Smith Petroleum, Inc. 45650 (2) 578
- Operator's Well Number: #76 (47-035-1350) 3) Elevation: 747.95'
- Well type: (a) Oil ___ / or Gas X /
- (b) If Gas: Production ___ / Underground Storage ___ /
 Deep X / Shallow ___
- Proposed Target Formation(s): 475 Test Oriskany Sandstone
- Proposed Total Depth: 5525 feet
- Approximate fresh water strata depths: N/A
- Approximate salt water depths: N/A
- Approximate coal seam depths: None
- Does land contain coal seams tributary to active mine? Yes ___ / No X /
- Proposed Well Work: Temporary Set plug and test Oriskany and produce both Oriskany and Newburg. Leak & frac. 2
- Comingle with Newburg. Existing well.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS			CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	14"		54.5#	54	54	
Fresh Water						
Coal						
Intermediate	8 5/8"		32.0#	2086	2086	
Production	5 1/2"		15.5#	5501	5501	450 sks
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

19914/10

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Blanket Sure. Agent

1) Date: 3/7/94
2) Operator's well number
#76
3) API Well No: 47 - 035 - 1350 - F
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Everett and Patty Reed
Address Rt. #1, Box 208
Ravenswood, WV 26164
(b) Name _____
Address _____
(c) Name _____
Address _____

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____

6) Inspector Glen Robinson
Address Box 1
Belleville, WV 26133
Telephone (304)- 863-8766

(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 8 on the above named parties, by:

- X Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

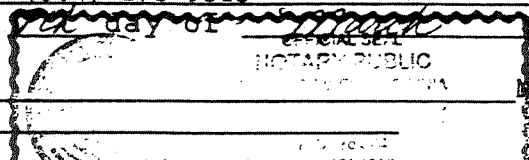
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Carl E. Smith Petroleum, Inc.
By: [Signature]
Its: President
Address P.O. Box 4
Sandyville, WV 25275
Telephone (304) 273-9313

Subscribed and sworn before me this 7th day of March, 19 94

[Signature]
My commission expires 9-27-99



Notary Public