



- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

Chet Waterman

Company APOLLO PETROLEUM CORP.
 Address SPENCER, W. VA.
 Farm J.M. GASKINS
 Tract Acres 50 1/4 Lease No. _____
 Well (Farm) No. DDD-401A Serial No. _____
 Elevation (Spirit Level) 1198
 Quadrangle CENTERPOINT
 County DODDRIDGE District McCLELLAN
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 72003-184 Drawing No. _____
 Date 5/10/72 Scale 1" = 20p

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

WELL LOCATION MAP
 FILE NO. Dodd-1671

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Centerpoint

Permit No. DODD-1671

Company Apollo Petroleum Corporation
Address Box 51, Spencer, W. Va.
Farm J. M. Gaskins Acres 50 1/2
Location (waters) Big Battle Run
Well No. DODD-401-A Elev 1198'
District McClellan County Doddridge
The surface of tract is owned in fee by J. M. Gaskins

Address West Union, W. Va.
Mineral rights are owned by J. M. Gaskins
Address West Union, W. Va.

Drilling Commenced 4/18/72
Drilling Completed 4/23/72
Initial open flow _____ cu. ft. _____ bbls.
Final production 327M cu. ft. per day _____ bbls.
Well open 24 hrs. before test 530 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		735	100 Sacks
7			
5 1/2			
4 1/2		2,215	125 Sacks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

720 Bbls. Water, 30,000# 20/40 Sand, 500 Gals. Acid

Coal was encountered at 709' Feet 2 Ft. Inches
Fresh water _____ Feet Salt Water _____ Feet
Producing Sand Injun Depth 2150'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Clay			0	70		
Sand & Shale			70	600		
Red Rock			600	655		
Sand & Shale			655	709		
Coal			709	711		
Sand & Shale			711	1495		
Salt Sand			1495	1762		
Shale Sand			1762	1898		
L. Lime			1898	1940		
Pencil Cave			1940	1946		
Sandy Lime			1946	2092		
Big Lime			2092	2150		
<u>Injun</u>			2150	2240		
Shale			2240	2246		T. D.

(over)

* Indicates Electric Log tops in the remarks section.

JUN 23 1972



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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MAY 11 1972

OIL and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner J. M. Gaskins
Address West Union, W. Va.
Mineral Owner J. M. Gaskins
Address West Union, W. Va.
Coal Owner _____
Address _____
Coal Operator _____
Address _____

DATE May 11, 1972
Company Apollo Petroleum Corporation
Address Box 51, Spencer, W. Va.
Farm J. M. Gaskins Acres 50-1/4
Location (waters) Big Battle Run
Well No. 401-A Elevation 1198'
District McClellan County Doddridge
Quadrangle Centerpoint

INSPECTOR TO BE NOTIFIED Mr. Wm. Blosser
Box 26
Colfax, W. Va. Fairmont-363-9105
26566

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 Sept., 11, 1972.

[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 March 23 19 72 by J. M. Gaskins made to Apollo Petroleum Corp. and recorded on the 11 day of April 19 72, in Doddridge County, Book 95 Page 685
XX 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, APOLLO PETROLEUM CORPORATION

(Sign Name) _____
Well Operator

Address
of
Well Operator

Box 51
Street
Spencer
City or Town
West Virginia
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

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

PROPOSED WORK ORDER TO xx DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME FWA _____ NAME R. L. Mann _____
 ADDRESS Box 51, Spencer, W. Va. _____ ADDRESS Box 51, Spencer, W. Va. _____
 TELEPHONE 927-1148 _____ TELEPHONE 927-1148 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2,100 Ft. ROTARY xx CABLE TOOLS No _____
 PROPOSED GEOLOGICAL FORMATION: Injun _____
 TYPE OF WELL: OIL _____ GAS xx 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			
8 - 5/8	250 Ft.	250 Ft.	Cement to Surf.
7			
5 1/2			
4 1/2	2,100 Ft.	2,100 Ft.	175 Sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 Ft. FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None _____
 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