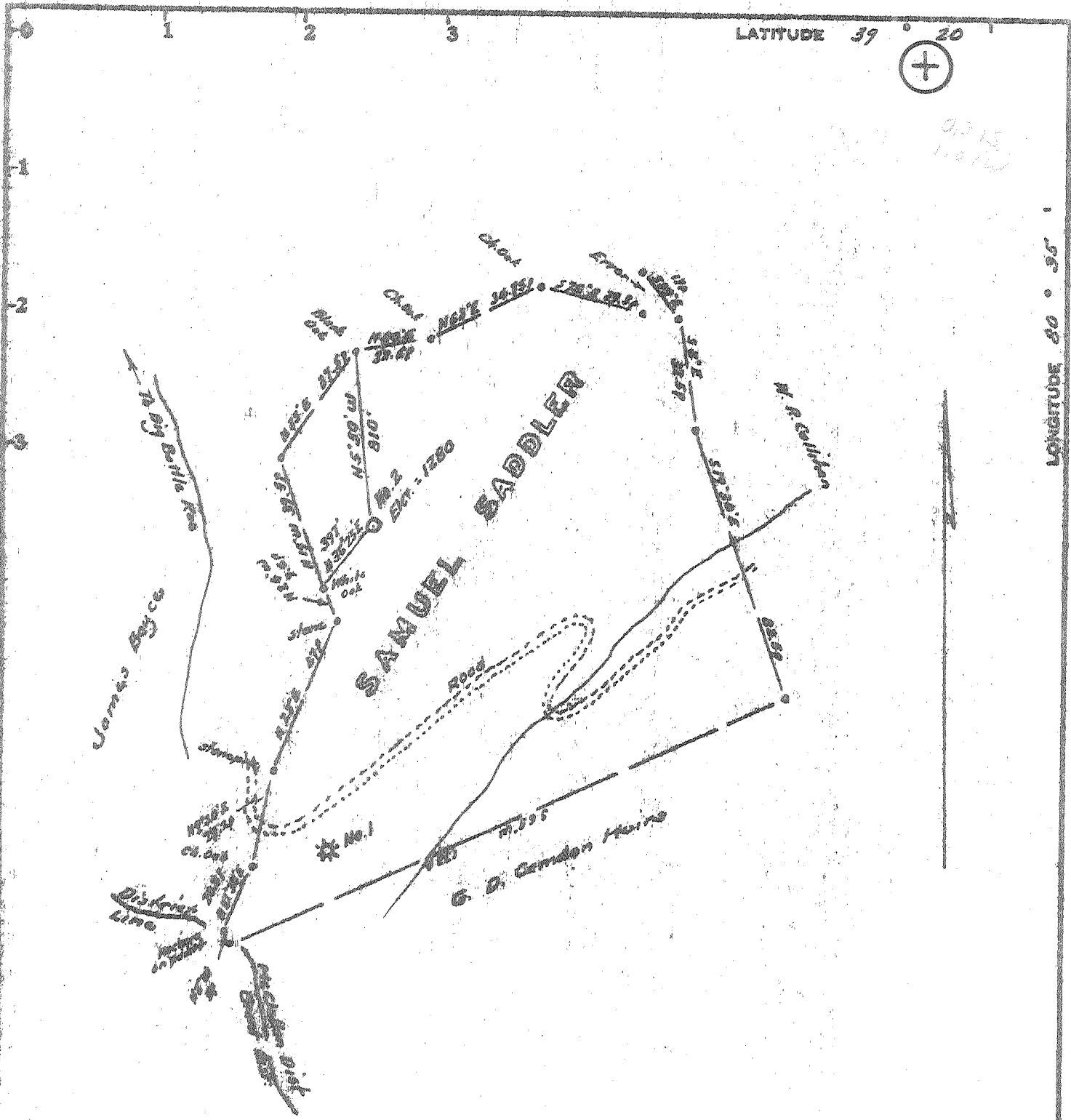


2/15/74 CEN



Minimum Error of Closure 1 in 200

Source of Elevation U.S.G.S. B.M. at mouth of Lynn Camp Run - 912

- Fracture
- New Location
- 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.

Signed: W. H. J. [Signature]  
 Squares: N E W

Map No.

Company Beacon Oil & Gas Co.  
 Address P.O. Box 99, Belore, Ohio  
 Farm Samuel Saddle  
 Tract Acres 112 Lease No. \_\_\_\_\_  
 Well (Farm) No. Two Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1280  
 Quadrangle Centerpoint SC  
 County Doddridge District McClellan  
 Engineer W. H. J. [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Feb. 15, 1974 Scale 1" = 400' = 660'

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

WELL LOCATION MAP

FILE NO. Dodd-1764

+ 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.

47-017



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Centerpoint

Permit No. DODD-1764

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

Company RAMCO Oil & Gas Corp.  
Address P.O. Box 99, Belpre, Ohio 45714  
Farm Samuel Sadler Acres 118  
Location (waters) Big Battle Run  
Well No. 2 Elev. 1,280'  
District McClellan County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
Samuel Sadler Heirs  
Address Sedalia, W. Va.  
Mineral rights are owned by Samuel Sadler Heirs  
Address Sedalia, W. Va.  
Drilling Commenced 3/1/74  
Drilling Completed 3/9/74  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 1,220 MCF cu. ft. per day \_\_\_\_\_ bbls.  
Well open 24 hrs. before test 550 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	1175	1175	175 sks.
5 1/2			
4 1/2		2495	50 sks. 3/8/74
3			3/22/74 Squeeze
2			60 sks.
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured: 500 gals. acid, 685 bbls. water, 30,000# 20/40 sand.

Perforated: 2,315' to 2,335' - 11 holes; 2,348' to 2,351' - 3 holes.

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 2,348' to 2,351'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale		Soft	0	1950		
Shale		Soft	1950	1974		
Sand		Hard	1974	1984		
Shale		Soft	1984	2036		
Sand		Hard	2036	2055		
Shale		Soft	2055	2070		
Sand		Hard	2070	2130		
Shale		Soft	2130	2166		
Blue Monday		Soft	2166	2183		
* Pencil Cave		Soft	2183	2203		*2183
* Big Lime		Hard	-2203	2296		*2203
* <u>Big Injun</u>		Hard	2296	2354		*2296
* Squaw		Hard	2354	2386		*2354
Shale		Soft	2386	2396		

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
FEB 15 1974  
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 February 15, 1974

Surface Owner Samuel Sadler Heirs  
Address Sedalia, West Virginia  
Mineral Owner Samuel Sadler Heirs  
Address Sedalia, West Virginia  
Coal Owner Samuel Sadler Heirs  
Address Sedalia, West Virginia  
Coal Operator None - no coal is being mined in  
Address this area.

Company RAMCO Oil & Gas Corp.  
Address P. O. Box 99, Belpre, Ohio 45714  
Farm Samuel Sadler Acres 118  
Location (waters) Big Battle Run of Robinson Fork  
Well No. 2 Elevation 1280'  
District McClellan County Doddridge  
Quadrangle Centerpoint

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 6-15-74

INSPECTOR TO BE NOTIFIED Paul Garrett  
Clarksburg W. Va. PH: 622-3871

Robert L. Todd  
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 December 3, 19 73 by Harold H. Reynolds made to RAMCO Oil & Gas Corp. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in Doddridge County, Book \_\_\_\_\_ Page \_\_\_\_\_  
 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, RAMCO Oil & Gas Corp.  
(Sign Name) by: Carl E Moon v pros  
Well Operator  
P. O. Box 99  
Street  
Belpre  
City or Town  
Ohio 45714  
State

Address  
of  
Well Operator

\*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.

Dodd-1764 PERMIT NUMBER  
47-017

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:         
 NAME Haight Brothers Drilling Co. NAME Brad Crouse  
 ADDRESS Smithville, W. Va. ADDRESS P. O. Box 243, West Union, W. Va.  
 TELEPHONE        TELEPHONE (304) 873-1745  
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' ROTARY  CABLE TOOLS         
 PROPOSED GEOLOGICAL FORMATION: Argon  
 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			
9 - 5/8			
8 - 5/8	1000'	1000'	cemented to surface
7			
5 1/2			
4 1/2		2400'	350'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS        FEET        SALT WATER        FEET         
 APPROXIMATE COAL DEPTHS 970'  
 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