



RECEIVED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle Centerpoint

Permit No. DODD-1759

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 of Robinson Fork
Well No. 1 Elev. 1,261'
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 12/19/73*
Drilling Completed 2/13/74

Initial open flow _____ cu. ft. _____ bbls.
Final production 1,280 MCF ft. per day _____ bbls.
Well open 24 hrs. before test 500# 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	1302'	1302'	220 sks.
5 1/2			
4 1/2		2361'	35 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured: DOWELL - 500 gals. X Acid, 648 bbls. water, 30,000# 20/40 sand, 500# 10/20 sand.

Perforated: 2,304' to 2,328' - 13 holes.

*Original hole lost. Plugged and abandoned. Second hold commenced on 2/5/74.

Coal was encountered at _____ Feet _____ Inches

Fresh water _____ Feet _____ Salt Water _____ Feet _____

Producing Sand Big Injun Depth 2304' to 2328'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale and Sand		Soft	0	2100		
Shale		Soft	2100	2157		
Sand		Hard	2157	2172		
Pencil Cave		Soft	2172	2192		
Big Lime		Hard	2192	2280		
Big Injun		Hard	2280	2330		
Shale - Pocahontas		Soft	2330	2558		

(over)

* Indicates Electric Log tops in the remarks section.

JAN 13 1975



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 6 1973

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 December 6, 1973

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 RANCO Oil & Gas Corp.
Address P. O. Box 99, Seipre, Ohio 45714
Farm Samuel Sadler Acres 118
Big Battle
Location (waters) Run of Robinson fork
Well No. 1 Elevation 1201'
District McClellan County Lododge
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 4-6-74

Robert H. Jase
County Director

INSPECTOR TO BE NOTIFIED Mr. Wm. Blosser
Boy 1028 PH: Fairmont
Calfax, W. Va. 26566 363-9105
December 3, 73 by Harold H.

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, 1973 by Samuel Sadler Heirs made to RANCO Oil & Gas Corp. and recorded on the _____ day of _____ 1973, in Lododge 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,
(Sign Name) Carl E. Moore
Well Operator
P. O. Box 99
Seipre
Ohio 45714
State Ohio

SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

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.

BOND DRILL

Wood-1759 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 Brod Crouse
 ADDRESS Smithville, W. Va. ADDRESS P. O. Box 243, West Union, W. Va.
 TELEPHONE _____ TELEPHONE (304) 872-1745
 ESTIMATED DEPTH OF COMPLETED WELL: 2450' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 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		2450'	350'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 975', _____
 IS COAL BEING MINED IN THE AREA? 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