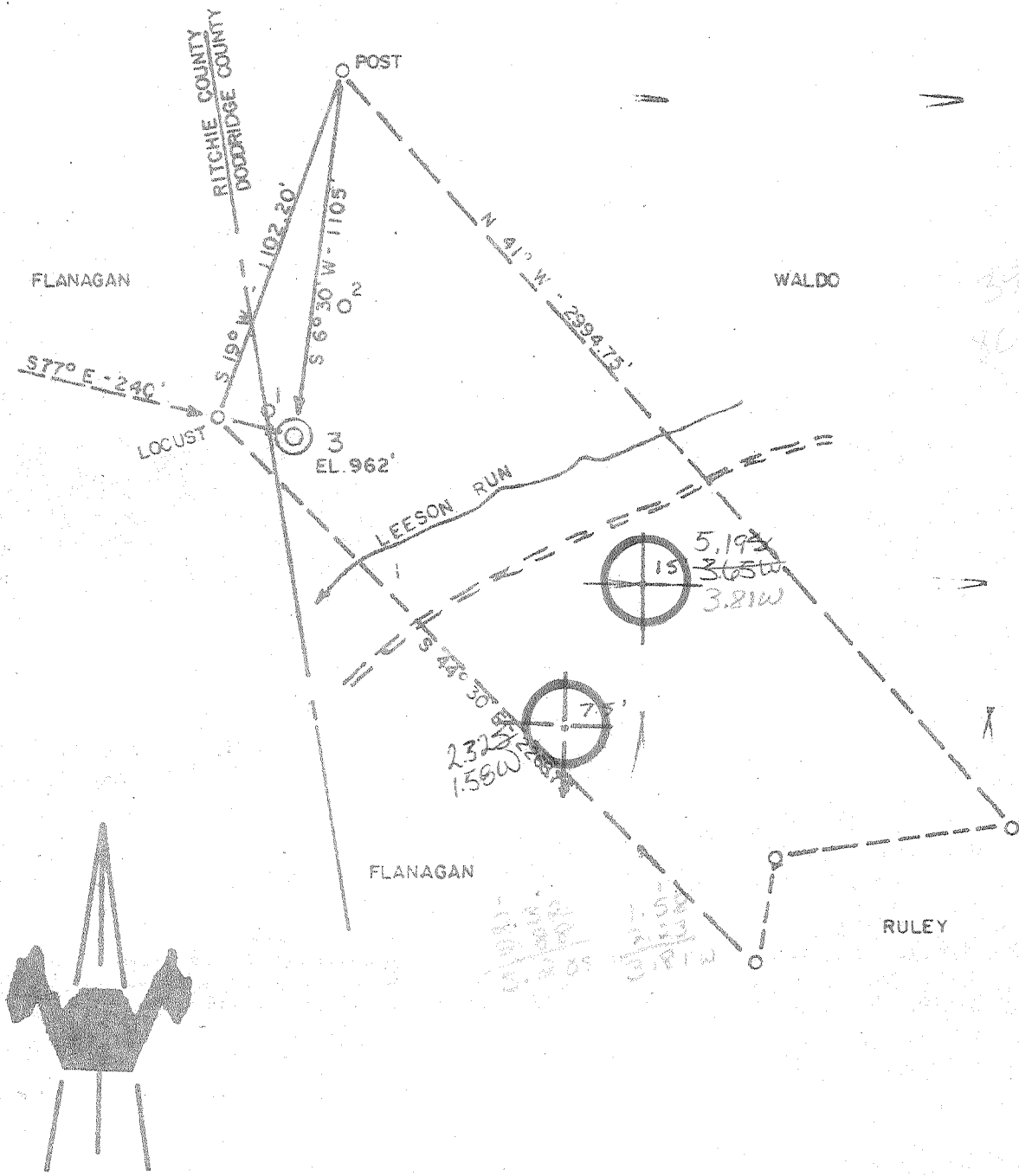


Latitude 39° 17' 30" (15') 39° 20' 30"

12,250' SOUTH  
8,330' WEST

50' 52' 80' 80" (15') Longitude



ACCURACY: 1" / 200'

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

Formation HORSENECK

Est. Depth 400'

Oil   
Gas   
Other

Source of Elevation U.S.B.M. ON RR TRACKS (804)  
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.

Company MAGNUM OIL CORPORATION  
 Address PARKERSBURG, WV  
 Surface Owner ALLEN ROWAN  
 Mineral Owner C.H. CALDWELL, HRS.  
 Well No. 3 Acres 55.50'  
 Elevation 962' WEST UNION 15'  
 Quadrangle PENNSBORO Series 7.5' SC  
 County DODDRIDGE District CENTRAL  
 Date 5/23/80 Scale 1" = 500'

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

**WELL LOCATION MAP**  
47 - 017 - 2744  
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.  
 Engineer CHET WATERMAN 400' HORSENECK  
 Engineer's Registration No. 3788 File No. 80-315

4-D Greenwood (89)

JUL 7 1980



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division  
WELL RECORD

Quadrangle West Union 7.5

Permit No. 47-017-2744

DRY

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

Company Magnum Oil Corporation  
Address P.O. Box 4295, Parkersburg, WV 26101  
Farm Rowand Acres 55.5  
Location (waters) Gum Run  
Well No. 3 Elev. 962'  
District Central County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
Allan Rowand  
Address Greenwood, WV 26360  
Mineral rights are owned by Caldwell, et al  
Address \_\_\_\_\_  
Drilling Commenced May 27, 1980  
Drilling Completed June 26, 1980  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			circulate
Cond. 13-10"			
9 5/8			
8 5/8			
7			
5 1/2		260'	
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well plugged back to 85' - fresh water sand -

Well given to landowner

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 80 - 83' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand None Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	15		
Slate & Shale			16	78		
Sand			79	83		
Slate			84	150		
Red Rock			151	163		
Slate & Shale			164	284		
1st Horseneck			285	310		Fine grained sand - no show of oil or water
Shale			311	344		
2nd Horseneck ✓			345	360		Fine grained sand - no show of oil or water
				380 TD		

RECEIVED  
AUG 1 1981

DEPARTMENT OF MINES

\* Indicates Electric Log tops in the remarks section.

(over)

AUG 24 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

Date July 19 01

APPROVED David M. Chamberlain (owner)

By President



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
MAY 29 1980  
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 May 27, 1980

Surface Owner Alan Rowland

Company Magnum Oil Corporation

Address Greenwood, WV 26360

Address Parkersburg, WV 26101

Mineral Owner Caldwell etal

Farm Caldwell Acres 55.5

Address \_\_\_\_\_

Location (waters) Gum Run

Coal Owner N/A

Well No. 3 Elevation \_\_\_\_\_

Address \_\_\_\_\_

District Central County Doddridge

Coal Operator N/A

Quadrangle West Union 7 1/2

Address \_\_\_\_\_

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 2-2-81.

INSPECTOR  
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St., Clarksburg, WV

PHONE 622-3871

Robert H. [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 June 11, 1979 by Mabel M. Caldwell made to Petroleum Services, Inc. and recorded on the 17 day of July 1979 in Doddridge County, Book 109 Page 292

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) Daniel M. Chamberland  
Well Operator

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

P.O. Box 4295  
Street  
Parkersburg,  
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

47-017-2744

PERMIT NUMBER

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

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Gene Stalnaker, Inc. NAME David M. Chambers  
 ADDRESS Box 9, Letter Gap, WV 25255 ADDRESS P.O. Box 4295, Parkersburg, WV  
 TELEPHONE 462-7092 TELEPHONE (304) 485-1730  
 ESTIMATED DEPTH OF COMPLETED WELL: 400' ROTARY \_\_\_\_\_ CABLE TOOLS X  
 PROPOSED GEOLOGICAL FORMATION: Horseneck  
 TYPE OF WELL: OIL X 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			
7	200'	200'	circulate
5 1/2		400'	
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80' 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

3008 TRUMAN