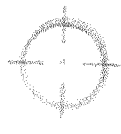


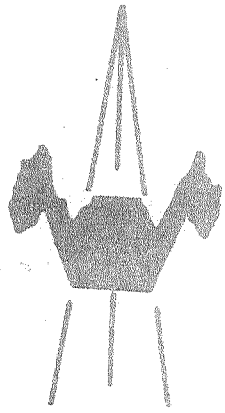
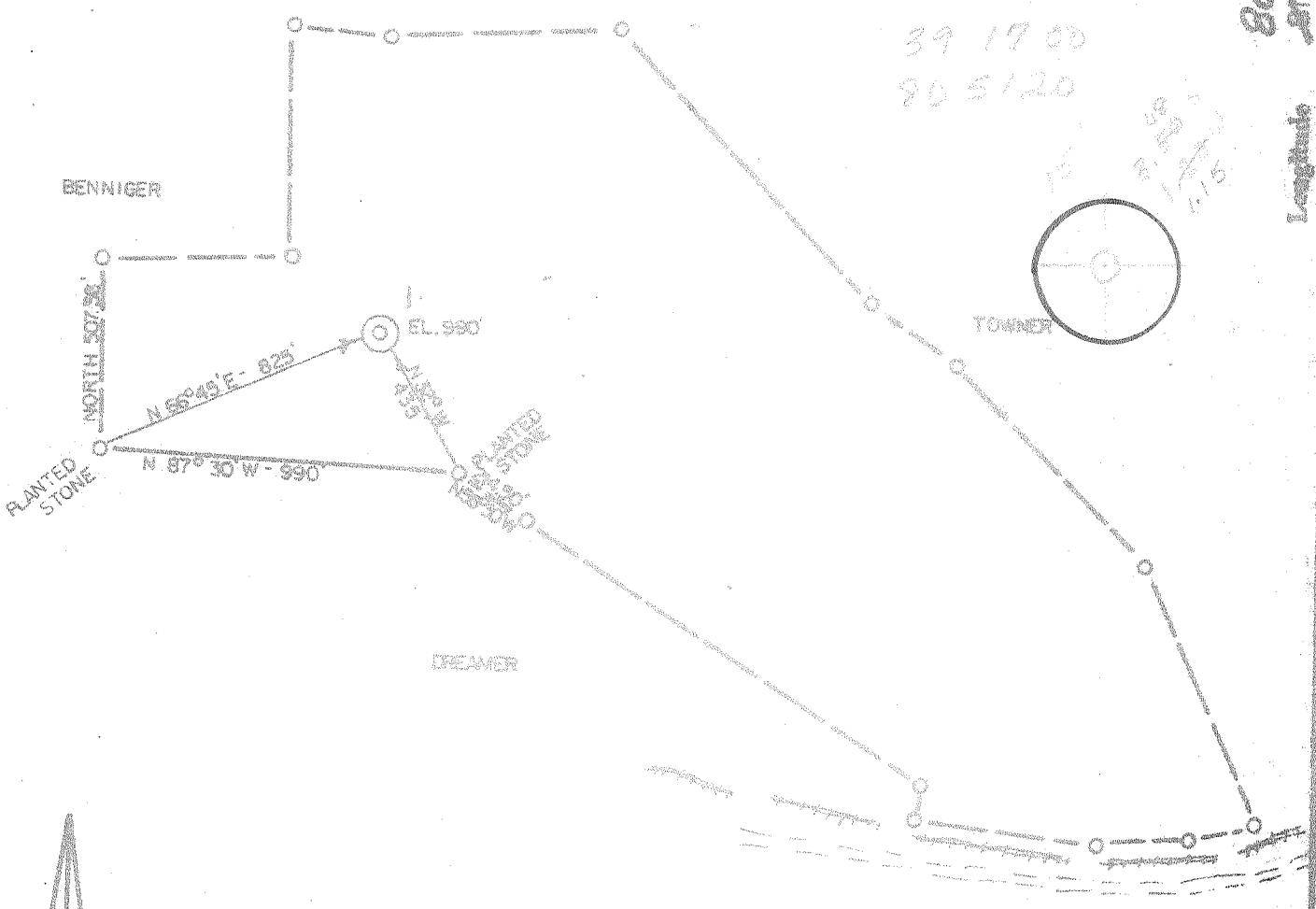
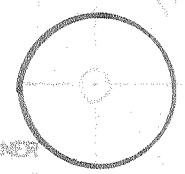
3150' SOUTH
6080' WEST

0.605
~~1.20 W~~
1.15 W



60
3.82
3.96

39 17 00
80 51 20



ACCURACY: 1' / 200'

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

Formation 5TH SAND
Est. Depth 3000'

- Oil
- Gas
- Other

Source of Elevation U.S.B.M. ON RR TRACKS (904')
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 5 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Company MAGNUM OIL CORP
 Address PARKERSBURG, WV
 Surface Owner R. P. JACKSON
 Mineral Owner " "
 Well No. 1 Acres 79
 Elevation 990'
 Quadrangle WEST UNION 50 Series 75 15'
 County DODDERIDGE District CENTRAL
 Date 3/5/80 Scale 1" = 500'

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

WELL LOCATION MAP
 47 - 017 - 2628
 STATE COUNTY PERMIT

+ Denotes location of well on United States Topographic Maps.
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788 File No. 80-132

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

Date April 9, 1980

FORM IV-35
(Obverse)

Operator's
Well No. Jackson #1

WELL OPERATOR'S REPORT
OF

API Well No. 47 - 017 - 0008
State County Permit

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

2628

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 990 Watershed: Wilhelm Run
District: Central County: Doddridge Quadrangle: West Union 7 1/2

WELL OPERATOR Magnum Oil Corporation DESIGNATED AGENT Magnum Oil Corporation
Address Box 4295 Address Box 4295
Parkersburg, WV 26101 Parkersburg, WV 26101

PERMITTED WORK: Drill / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify) _____

PERMIT ISSUED ON March 17, 1980

OIL & GAS INSPECTOR FOR THIS WORK:
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV

IF APPLICABLE: PLUGGING OF DRY HOLE OR
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
_____, 19____

GEOLOGICAL TARGET FORMATION: Weir Depth _____ feet
Depth of completed well, 2449 feet Rotary / Cable Tools _____
Water strata depth: Fresh, 80 feet; salt, N/A feet.
Coal seam depths: N/A Is coal being mined in the area? No
Work was commenced March 18, 1980, and completed March 22, 1980

LOGGING AND TUBING PROGRAM

LOGGING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling			Left in well
Drill pipe								Kinds	
Fresh water	5/8	CW	22	X		267	267	80 sks	Circ.
Oil									Sizes
Intermediate									
Production	1/2	CW	10.5	X			2409	125 sks	Depth set
Logging	1/2	sml	3.5	X			2270		
Tools									Perforations:
									Top Bottom

FLOW DATA

Producing formation Weir Pay zone depth 2224-2346 feet
Gas: Initial open flow, 320 Mcf/d Oil: Initial open flow, 3 bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ bbl/d
640 Mcf + 600
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 600 psig (surface measurement) after 24 hours shut in
[If applicable due to multiple completion--]
Second producing formation Injun Pay zone depth 2008-2056 feet
Gas: Initial open flow, 320 Mcf/d Oil: Initial open flow, 3 bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ bbl/d
Time of open flow between initial and final tests, 4 hours
Static rock pressure, 600 psig (surface measurement) after 24 hours shut in

MAY 15 1980

08-76

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Wair - fraced with 21,000# Sand
500 gal. acid and 200,000 SCF N²

Perforations:
0.39 Glass
2230-36 6 holes
2248-52 5 holes
2305-09 3 holes
2312-16 3 holes
2329-34 5 holes

Injun - fraced with 21,000# Sand
500 gal. acid and 200,000 SCF N²

Perforations:
0.39 Glass
2010-14 5 holes
2024-28 5 holes
2038-32 5 holes
2045-49 5 holes

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remark Including Indication of Oil, Gas and salt water, coal, etc.
Sand & Shale	brown	soft	0	15	
Sand & Shale	brown	soft	15	250	
Shale	black	soft	250	500	
Sand & Shale	black	soft	500	1458	
Sand 1st Salt	white	hard	1458	1490	
Shale	black	soft	1490	1600	
Sand 2nd Salt	white	hard	1600	1662	
Shale	black	soft	1662	1712	
Sand 3rd Salt	white	hard	1712	1753	
Shale	black	soft	1753	1905	
Sand (Blue Monday)	white	hard	1905	1911	
Shale	black	soft	1911	1975	
Big Lime	white	hard	1925	1985	
Shale	black	soft	1985	2008	
Sand Big Injun	white	hard	2008	2056	
Shale	black	soft	2056	2065	
Sand - Squaw	white	hard	2065	2072	
Shale	black	soft	2072	2224	
Sand Weir	black	soft	2224	2346	
Shale	black	soft	2246 2346	2449	
				2449	

(Attach separate sheets to complete as necessary)

Magnum Oil Corporation
Well Operator

By John Curbing
Its Agent

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAR 17 1980

Oil and Gas Division
OIL & GAS DIVISION
DEPT. OF MINES
OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 13, 1980

Surface Owner R. P. Jackson
Address Rt. 1 Box 83, Harrisville, WV
Mineral Owner R. P. Jackson
Address Rt. 1, Box 83 Harrisville, WV
Coal Owner N/A
Address N/A
Coal Operator N/A
Address N/A

Company Magnum Oil Corporation
Address Box 4295, Parkersburg, WV
Farm Jackson Acres 79
Location (waters) Wilhelm Run
Well No. 1 Elevation 990'
District Central County Doddridge
Quadrangle West Union 7.5

THIS PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22,
the W. Va. Code, the location is hereby approved
drilling. This permit shall expire if
operations have not commenced by 11-18-80

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, WV

PHONE 622-3871

Robert P. Jackson
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 28 19 79 by Robert P. Jackson made to Petroleum Services, Inc. and recorded on the 4 day of October 1979, in Doddridge County, Book 111 Page 399

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 and coal owners at their above shown respective address _____ day _____ before, or on the _____ day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOLOGICAL LOGS DIRECTLY TO:

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

Very truly yours, Magnum Oil Corporation

(Sign Name) by: John Cushing
Well Operator

Address
of
Well Operator

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 the plat and 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 that the well operator authorized to proceed.

BLANKET BOND

47-017-2628

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 Magnum Oil Corporation _____
 ADDRESS Box 9, Letter Gap, WV _____ ADDRESS Box 4295, Parkersburg, WV _____
 TELEPHONE 462-7092 _____ TELEPHONE 485-1730 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 3000 _____ ROTARY X _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. X _____ 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	240	240	Circ.
7			
5 1/2			
4 1/2		3000	125 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS N/A _____
 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