



- a) L. Smith, T.M. 3 P. 12, 3ac.
- b) C. White, T.M. 3 P. 5, 5.36ac.
- c) R. Haight, T.M. 3 P. 6, 6.56ac.
- d) C. White, T.M. 3 P. 7, 6.52ac.
- e) L. Northcraft, T.M. 3 P. 8, 5.5ac.
- f) W. Michael, T.M. 3 P. 2.1, 37ac.
- g) L. Northcraft, T.M. 3 P. 3, 35.95ac.
- h) C. White, T.M. 3 P. 4, 4.05ac.
- k) L. Northcraft, T.M. 4 P. 1, 112.24ac.
- m) J. White, T.M. 4 P. 64, 66.26ac.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Road Intersection

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES
 (SIGNED) Don B. Wray
 R.P.E. _____ L.L.S. 699

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE Nov. 19, 1982
 OPERATOR'S WELL NO. Friendly P. 1
 API WELL NO. _____
47 - 095 - 1010
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 632 WATER SHED Ohio River
 DISTRICT Union COUNTY Tyler
 QUADRANGLE New Matamoras
 SURFACE OWNER C. WHITE ACREAGE 6.5
 OIL & GAS ROYALTY OWNER JOHN V. BRANNON LEASE ACREAGE _____
 LEASE NO. _____
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5999'
 WELL OPERATOR J.D. PARSONS & CO. DESIGNATED AGENT Jody E. Parsons
 ADDRESS P.O. Box 94 ADDRESS P.O. Box 94
Williamstown W.V. 26187 Williamstown W.V. 26187

TYLER - 1010

RECEIVED



IV-35
(Rev 8-81)

March 10 1983
OIL AND GAS DIVISION
WEST VIRGINIA DEPARTMENT OF MINES

Date March 3, 1983
Operator's
Well No. One
Farm Friendship #1
API No. 47 - 095 - 1010

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 632 Watershed Ohio River
District: Union County Tyler Quadrangle Raven Rock

COMPANY J.D. Parsons
ADDRESS Box 94, Williamstown, West Virginia
DESIGNATED AGENT Jody Parsons
ADDRESS Box 94, Williamstown, West Va.
SURFACE OWNER C. White
ADDRESS Friendly
MINERAL RIGHTS OWNER J. Brannon/R. Cleghorn
ADDRESS Bridgeport, West Virginia
OIL AND GAS INSPECTOR FOR THIS WORK R. Lowther
ADDRESS Middlebourne, West Va
PERMIT ISSUED December 1982
DRILLING COMMENCED January 5, 1983
DRILLING COMPLETED January 16, 1983
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8	170	170	150
8 5/8			
7	1712	1712	200
5 1/2			
4 1/2	3946	3946	210
3			
2		3706	
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4600 feet
Depth of completed well 3932 feet Rotary X / Cable Tools
Water strata depth: Fresh 110 feet; Salt 900 feet
Coal seam depths: 260 Is coal being mined in the area? NO

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 3730 feet
Gas: Initial open flow 260 Mcf/d Oil: Initial open flow nil Bbl/d
Final open flow 60 Mcf/d Final open flow 20 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 1125 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

TYLER 1010

FORM IV-35
(REVERSE)

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

3730' - 3740' 50,000# of 20/40 Sand in 220 BBLs foamed H2O.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay and Sand			0	122	Water
Sandstone			122	170	
Red Shale			170	228	
Grey Shale			228	260	
Coal Seam			262	265	Coal
Coal Seam			432	435	
Coal Seam			502	505	
1st Cow Run			612	664	Wet
2nd Cow Run			732	764	Trace Gas
1st Salt Sand			904	916	Trace Gas
2nd Salt Sand			1001	1007	Trace Gas and Oil
3rd Salt Sand			1156	1163	
Keener			1336	1336	Trace Oil - Wet
Injun			1406	1422	Wet at Base
Wier			1670	1678	Wet
Berea			1835	1864	
30 Foot			2178	2186	
Gordon			2296	2344	No Oil or Gas Shows
Benson			4455	4461	
Total Depth				4624	

(Attach separate sheets as necessary)

J. D. Pres...
 Well Operator
 By: [Signature]
 Date: Mar 4 1953
 G. B. Petroleum Services Inc.
[Signature]

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 drilling of a well."