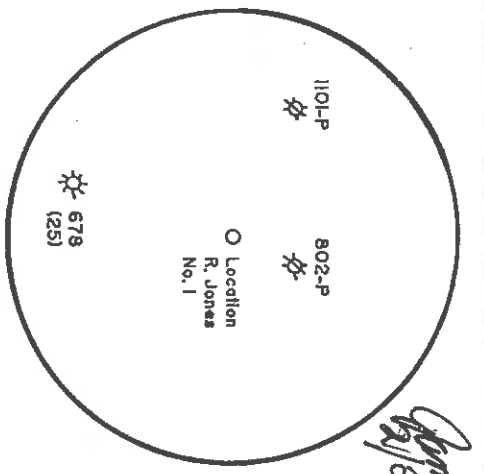


LATITUDE 39-07-30 N

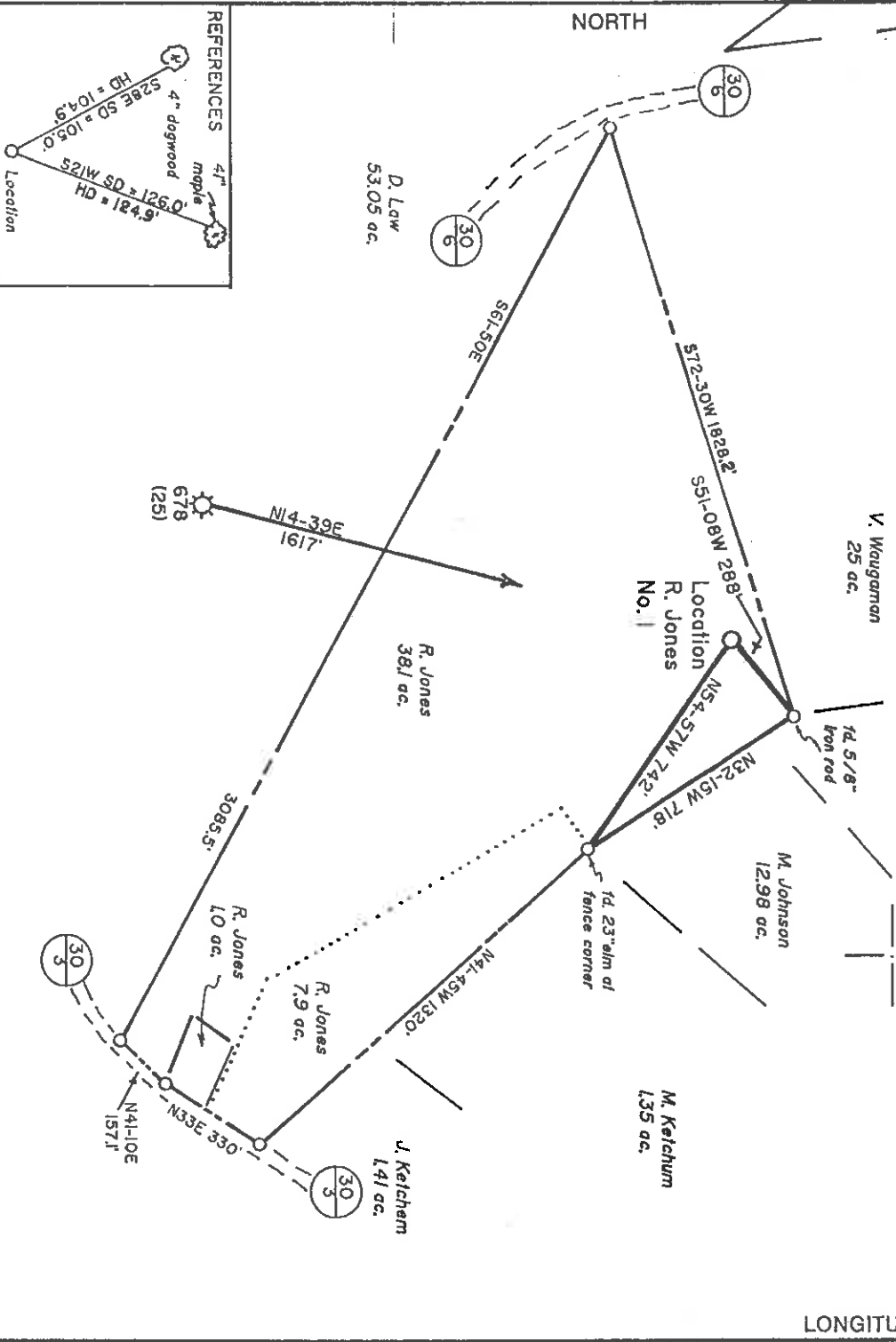
4475

LONGITUDE 80-02-30 W

5250



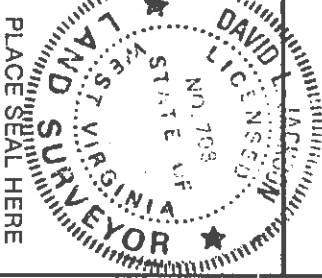
*David S. Jackson*  
02/05/99



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1 in 200  
PROVEN SOURCE OF ELEVATION Road intersection 2313'  
SE of Location elev. 1746'

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 ENERGY.  
(SIGNED) David S. Jackson  
R.P.E. \_\_\_\_\_ I.L.S. 708



STATE OF WEST VIRGINIA  
Division of Environmental Protection  
OFFICE OF OIL AND GAS



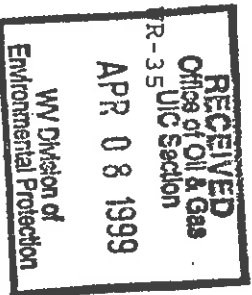
DATE February 1 1999  
OPERATOR'S WELL NO. R. Jones No. 1  
API WELL NO. 47-001-02765

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1683 WATERSHED Tygart Valley River STATE 47 COUNTY BAR PERMIT 2765  
DISTRICT Phillipi COUNTY Barbour  
QUADRANGLE Audra 7 1/2'  
SURFACE OWNER Richard Jones, et al ACREAGE 56  
OIL & GAS ROYALTY OWNER Richard Jones, et al LEASE ACREAGE 56  
LEASE NO. 556100

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6-0 000

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION Benson ESTIMATED DEPTH 5000 5500' MAR 08 1999  
WELL OPERATOR Petroleum Development Benson DESIGNATED AGENT Eric R. Stearns  
ADDRESS P.O. Box 26 Bridgeport, WV 26330 ADDRESS P.O. Box 26 Bridgeport, WV 26330

FORM WW-6  
COUNTY NAME BAR  
PERMIT 2765



State of West Virginia  
 Division of Environmental Protection  
 Section of Oil and Gas  
 Well Operator's Report of Well Work

API # 47- 1-02765  
 Reviewed KB

Farm name: JONES, RICHARD A Operator Well No.: R JONES #1

LOCATION: Elevation: 1,683.00 . Quadrangle: AUDRA

District: PHILIPPI County: BARBOUR  
 Latitude: 5250 Feet South of 39 Deg. 7 Min. 30 Sec.  
 Longitude 4475 Feet West of 80 Deg. 2 Min. 30 Sec.

Company: PETROLEUM DEVELOPMENT COR  
 103 E. MAIN ST. - P.O. BOX 26  
 BRIDGEPORT, WV 26330-0026

Agent: ERIC R. STEARNS

Inspector: PHILLIP TRACY  
 Permit Issued: 03/03/99  
 Well work Commenced: 03/22/99  
 Verbal Plugging: 03/28/99  
 Permission granted on: 03/28/99  
 Rotary Cable Rig  
 Total Depth (feet) 4075  
 Fresh water depths (ft) \_\_\_\_\_  
 57, 1453  
 Salt water depths (ft) \_\_\_\_\_  
 n/a  
 Is coal being mined in area (Y/N)? N  
 Coal Depths (ft): n/a

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	33'	33'	
8 5/8"	923'	923'	225 sks

OPEN FLOW DATA

Producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours  
 Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

For: PETROLEUM DEVELOPMENT CORPORATION  
 By: Eric R. Stearns  
 Date: April 2, 1999

*Eric R. Stearns*  
 ERIC R. STEARNS

APR 19 1999

BAR 2765

R. JONES #1  
47-001-2765

Well was plugged and abandoned as a continuation of the drilling process.

FORMATION	TOP FEET	BOTTOM FEET	REMARKS:
			FRESH & SALT WATER, COAL, OIL & GAS
W E L L L O G			
KB - GL	0	10	
sand, shale, RR	10	1100	1/4" Stream H2O @ 57'
Little Lime	1100	1116	
sand, shale	1116	1140	HOLE WET @1453'
Big Lime	1140	1258	
sand, shale	1258	1264	
Keener	1264	1307	
sand, shale	1307	1311	gas chk @ 1414' No Show
Big Injun	1311	1366	gas chk @ 1681' No Show
sand, shale	1366	1395	gas chk @ 1723' No Show
Weir	1395	1435	gas chk @ 2247' No Show
sand, shale	1435	1450	gas chk @ 2371' No Show
Gantz	1450	1490	gas chk @ 2618' No Show
sand, shale	1490	1525	gas chk @ 2926' No Show
50 ft	1525	1585	gas chk @ 3826' No Show
sand, shale	1585	1606	gas chk @ 3949' No Show
30 ft	1606	1636	gas chk @ TD No Show
sand, shale	1636	1826	gas chk @ COLLARS No Show
Gordon	1826	1870	
sand, shale	1870	1920	
4th	1920	2085	
sand, shale	2085	2168	
5th	2168	2200	
sand, shale	2200	2212	
Bayard	2212	2222	
sand, shale	2222	2400	
Elizabeth	2400	2440	
sand, shale	2440	2500	
Speechley	2500	2750	
sand, shale	2750	2800	
Balltown	2800	3195	
sand, shale	3195	3215	
Bradford	3215	3400	
sand, shale	3400	3500	
Riley	3500	3730	
sand, shale	3730	3900	
Benson	3900	3990	
sand, shale	3990	4160	
		4075	Drillers TD
			Logger TD

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Jones, Richard A. Operator Well No.: R. Jones #1

LOCATION: Elevation: 1683' Quadrangle: Audra  
District: Phillippi County: Barbour  
Latitude: 5250 Feet South of 39 Deg. 07 Min. 30 Sec.  
Longitude: 4475 Feet West of 80 Deg. 02 Min. 30 Sec.

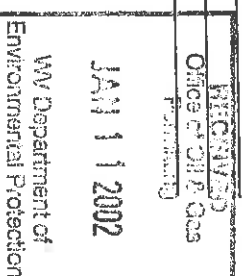
Well Type: OIL GAS X

Company: Petroleum Development Corp. Coal Operator Eastern Assoc. Coal Corp.  
103 East Main St., Box 26 or Owner Rt #1, Box 144  
Bridgeport, WV 26330 Fairview, WV 26570

Agent: Alan H. Smith Coal Operator  
or Owner

Permit Issued Date: March 3, 1999

AFFIDAVIT



Alan H. Smith and Randy Underwood being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 1st day of April, 1999 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel	<u>T.D.</u>	Surface		
Class A Cement	3952'	3852'		
Class A Cement	2014'	1914'		
Class A Cement	1489'	1289'		
Class A Cement	992'	887'		
Class A Cement	62"	Surface		33'
11 3/4"				923'
8 5/8"				

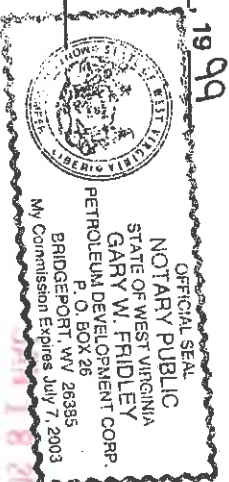
Description of monument: 8 5/8" Casing Above Ground w/2" Vent & API No.

plugging and filling said well was completed on the 4th day of April, 1999 and that the work of

And further deponents saith not.

Sworn and subscribe before me this 4th day of MAR 1999  
My commission expires: JULY 7, 2003

Notary Public Gary W. Fridley  
Oil and Gas Inspector: \_\_\_\_\_



BAR 2765