

8505815P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-085-05815 WELL NO.: DeBerry # 1

FARM NAME: Harold Keith Pierce

RESPONSIBLE PARTY NAME: J F Deem

COUNTY: Ritchie DISTRICT: Union

QUADRANGLE: Oxford

SURFACE OWNER: Harold Keith Pierce

ROYALTY OWNER: DeBerry

UTM GPS NORTHING: 4,332,163

UTM GPS EASTING: 513,993 GPS ELEVATION: 282M 925'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.

2. Accuracy to Datum – 3.05 meters

3. Data Collection Method:

Survey grade GPS : Post Processed Differential
Real-Time Differential

Mapping Grade GPS : Post Processed Differential
Real-Time Differential

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

J F Deem
Signature

Owner
Title

8-5-13
Date
Office of Oil and Gas
WV Dept. of Environmental Protection

Received

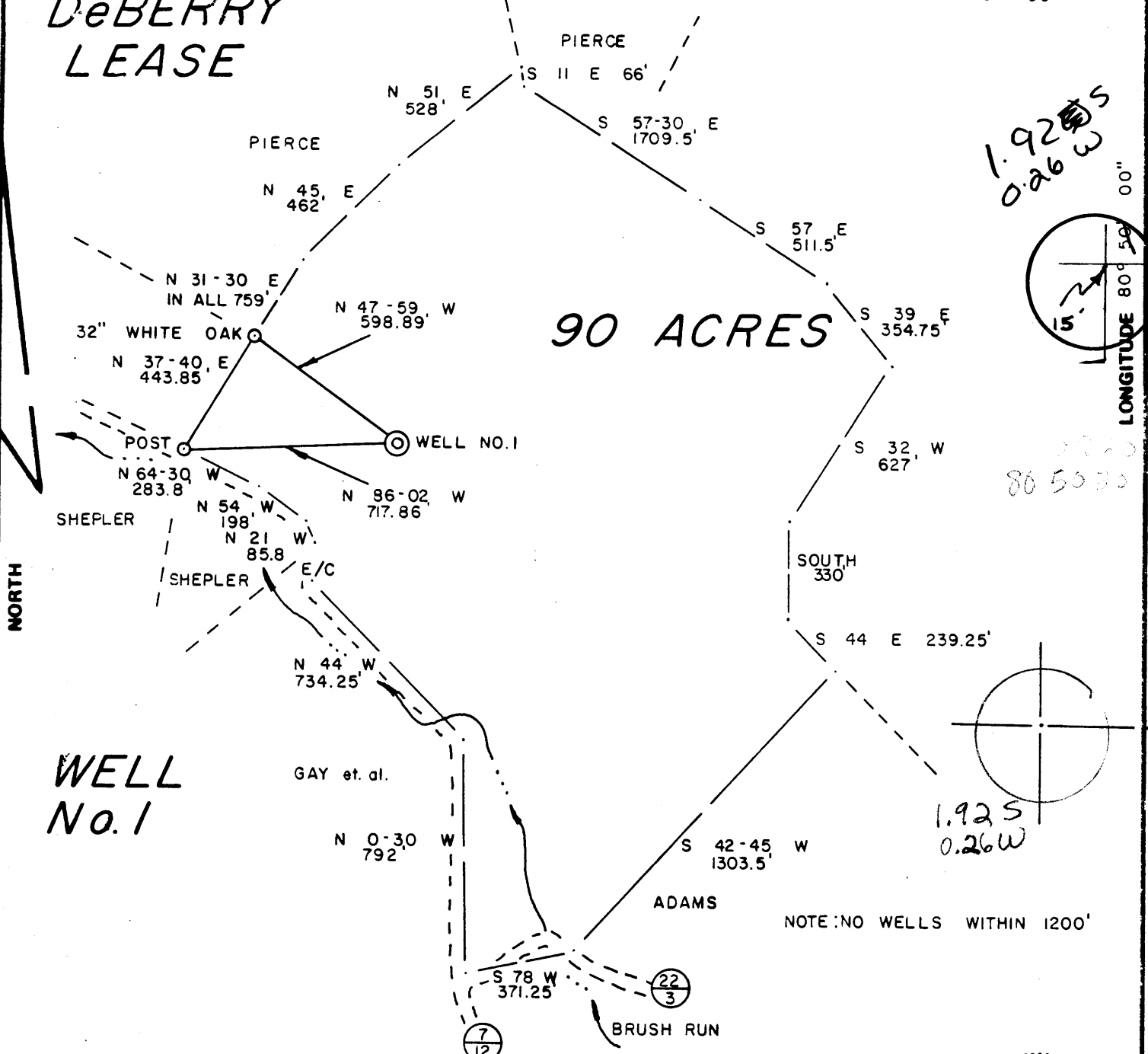
8-14-13

Plot Card CSD 12

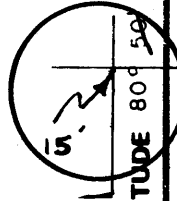
1400'

DeBERRY LEASE

LATITUDE 39° 10' 00"

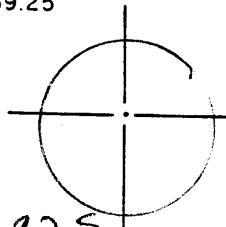


1.92 S
0.26 W



80 50 30

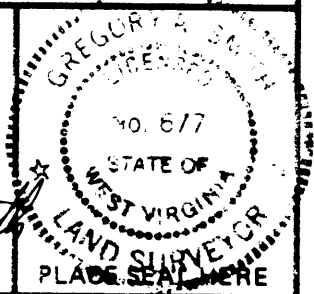
1.92 S
0.26 W



NOTE: NO WELLS WITHIN 1200'

FILE NO. 8-24
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 808'

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) Gregory A. Smith
 R.P.E. _____ L.S. 677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE AUG 4, 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. _____
47 STATE 085 COUNTY 5815 PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 925' WATER SHED BRUSH RUN
 DISTRICT UNION COUNTY RITCHIE
 QUADRANGLE OXFORD 7.5' Nolbrook R 15' C
 SURFACE OWNER HAROLD KEITH PIERCE ACREAGE 90
 OIL & GAS ROYALTY OWNER LUCILLE DeBerry LEASE ACREAGE 90
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 ELK ESTIMATED DEPTH 5600
 WELL OPERATOR PETROLEUM RESOURCES DESIGNATED AGENT JERRY MASONER
 ADDRESS P.O. BOX 1066 WESTON W.V. 26452 ADDRESS P.O. BOX 1066 WESTON W.V. 26452

AUG 20 1982



IV-35
(Rev 8-82)

RECEIVED

OCT 22 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date October 21, 1982
Operator's
Well No. #1
Farm DeBerry
API No. 47 - 085 - 5815

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 X / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 925' Watershed Brush Run
District: Union County Ritchie Quadrangle Oxford

COMPANY Petroleum Resources, Inc.

ADDRESS Box 1066, Weston, WV 26452

DESIGNATED AGENT Jerry Masoner

ADDRESS Box 1066, Weston, WV 26452

SURFACE OWNER Harold Keith Pierce

ADDRESS Rt. 1, West Union, WV 26456

MINERAL RIGHTS OWNER Lucille DeBerry

ADDRESS 117 West North St. Harrisville, WV

OIL AND GAS INSPECTOR FOR THIS WORK Samuel

Hersman ADDRESS Smithville, WV

PERMIT ISSUED August 17, 1982

DRILLING COMMENCED August 29, 1982

DRILLING COMPLETED September 4, 1982

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON Sept. 4, 1982 Samuel Hersman

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"	30'	0	
9 5/8			
8 5/8	951'	951'	225 sks.
7			
5 1/2			
4 1/2	2181'	2181'	100sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Flk Depth 5500 feet

Depth of completed well 5204 feet Rotary X / Cable Tools

Water strata depth: Fresh 90-270 feet; Salt None feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Weir Pay zone depth 2002-2090 ²⁰⁰²⁻²⁰⁹⁰ feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d

Final open flow 300 Mcf/d Final open flow 4 Bbl/d

Time of open flow between initial and final tests 8 hours

Static rock pressure 720 psig (surface measurement) after 72 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

NOV 1 1982

(Continue on reverse side)

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

WEIR Perforated 2090' to 2002' 16 holes
Fractured with 600 bbls. Treated Water
50,000 # Sand, 500 gals. Acid

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			0	10	
Shale			10	60	
Sand			60	110	
Red Rock & Shale			110	198	
Sand			198	300	
Red Rock			300	349	
Sandy Shale			349	560	
Shale			560	680	
Red Rock			680	720	
Shale			720	840	
Sand			840	870	
Shale			870	930	
Sand			930	990	
Shale			990	1530	
Sand			1530	1535	
Shale			1585	1635	
Lime & Sand			1635	1700	
Shale			1700	1715	
Lime Big			1715	1790	
Sand Big Injun			1790	1860	
Shale			1860	2005	
Sand Weir			2005	2126	
Shale			2126	2345	
Sand Berea			2345	2375	
Shale			2375	2755	
Sand/			2755	2905	
Shale			2905	3040	
Sand			3040	3365	
Shale			3365	3840	
Sandy Shale			3840	3870	
Shale			3870	5204	
TOTAL DEPTH Alexander?				5204	

Berea ~ 5204
2050
- 3144

Well was plugged back to 2500' with 6% Gel and a plug of 100' of cement from 2500' to 2400' then 4½" casing was cemented.

(Attach separate sheets as necessary)

Petroleum Resources, I. C.

Well Operator _____

By: Jay Mamer Agent

Date: October 21, 1982

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."



Date: August 14 , 19 82

Operator's Well No. DeBerry # 1

API Well No. 47 -085- 5815

State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 925' Watershed: Brush Run
District: Union County: Ritchie Quadrangle: Oxford

WELL OPERATOR Petroleum Resources, Inc.
Address Box 1066
Weston, WV 26452

DESIGNATED AGENT Jerry Masoner
Address Box 1066
Weston, WV 26452

OIL & GAS ROYALTY OWNER Lucille DeBerry
Address 117 West North Street
Harrisville, WV 26362

COAL OPERATOR None
Address

Acreage 90

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Harold Keith Pierce
Address Route 1.
West Union, WV 26456
Acreage 90

Name Lucille DeBerry
Address 117 West North Street
Harrisville, WV 26362
Name
Address

FIELD SALE (IF MADE) TO: Consolidated Gas Supply
Address 445 West Main
Clarksburg, WV

Name
Address
COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Samuel N. Hersman
Address Smithville, WV
477-3597

Name None
Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract X / dated 19th July , 19 82 , to the undersigned well operator from Consolidated Gas Supply Corp.

(IF said deed, lease, or other contract has been recorded:) Not recorded.
Recorded on , 19 , in the office of the Clerk of the County Commission of County, West Va. , in Book at page . A permit is requested as follows:

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

—planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

Lease provides for the 1/8 Royalty.

Petroleum Resources, Inc.
Well Operator
By Jerry Masoner
Its Agent

BLANKET BOND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S. W. Jack

Address Buchannon, WV

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well, 5500 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 140' feet; salt, None feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes / No /

CASING AND TUBING PROGRAM

CASING 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		
Conductor	1 13/4			X		30'			Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8"	H40	20	X		800'	800'	200 sks. Cement	
Production	4 1/2	J55	10.5	X		5500'	5500'	400 sks. Cement	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 17-83

BY [Signature]

[Handwritten Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Lucille DeBerry

Date: August 14, 19 82

By _____

Its Owner