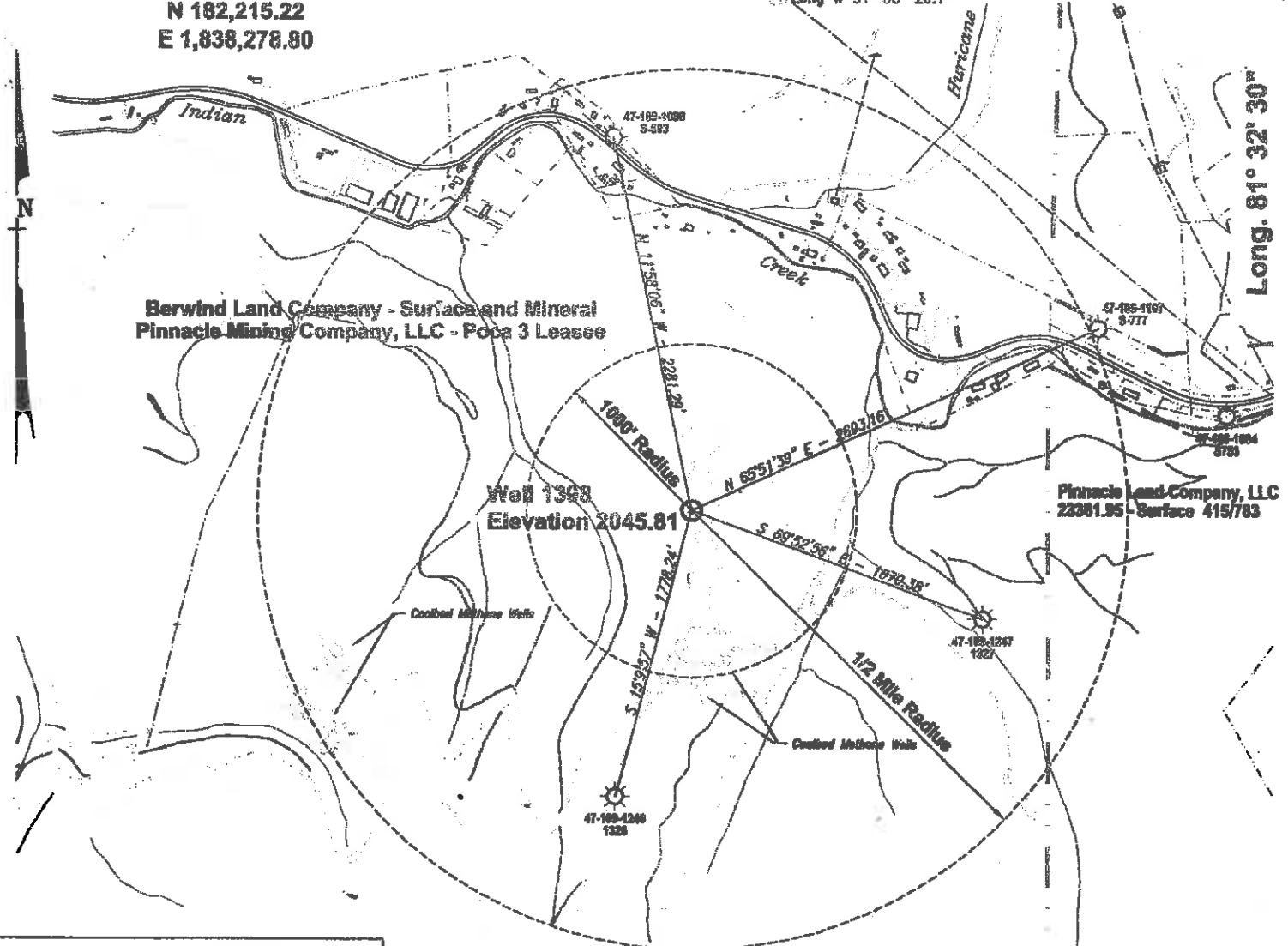


West Virginia State Plane Coordinates  
 NAD 27 - SOUTH  
 N 182,215.22  
 E 1,838,278.80

Topo Location  
 Lat. N 37° 29' 57.1"  
 Long W 81° 33' 26.1"

Lat. 37° 30' 00"

Long. 81° 32' 30"

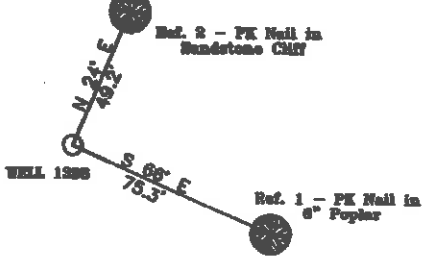


Berwind Land Company - Surface and Mineral  
 Pinnacle Mining Company, LLC - Poca 3 Leasee

Pinnacle Land Company, LLC  
 22381.95 - Surface 415/783

Well 1398  
 Elevation 2045.81

REFERENCES  
 Not to Scale



Notes:

- No Dwellings exist within 200 feet of well 1398
- No Domestic Wells within 1000' of Gas Well 1398
- (+) Denotes location of well on USGS map.
- Property Information taken from Wyoming Co. Tax Records

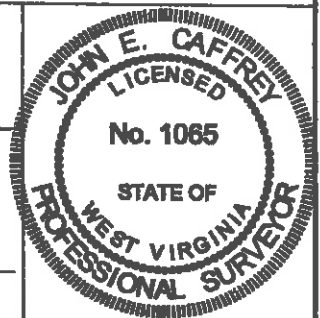
McDowell County Commission  
 803.6 - Surface 482/715



FILE No. Plugging Well 1398  
 DIRECTORY D:\Pinnacle Mining\Gas Production  
 DRAWING NAME Plat1398.dwg  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 : 2500  
 PROVEN SOURCE OF ELEVATION GPS GLOBAL POSITIONING SYSTEM (Sub meter accuracy)

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) [Signature]  
 R.P.E. \_\_\_\_\_ R.P.S. 1065



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 CHARLESTON, WV



DATE SEPTEMBER 24, 2008  
 OPERATOR'S WELL No. 1398

47 - 109 - 01267P  
 API WELL No. STATE COUNTY PERMIT

WELL TYPE: OIL X GAS X LIQUID INJECTION     WASTE DISPOSAL      
 (IF "GAS") PRODUCTION X STORAGE     DEEP     SHALLOW X  
 LOCATION: ELEVATION 2045.81 WATER SHED UNNAMED TRIBUTARY OF INDIAN CREEK OF THE GUYANDOTTE RIVER  
 DISTRICT CENTER COUNTY WYOMING  
 QUADRANGLE WELCH, WV

SURFACE OWNER BERWIND LAND COMPANY ACREAGE 866.52 (Tax Map Center 143, Parcel 1)  
 ROYALTY OWNER BERWIND LAND COMPANY LEASE ACREAGE 867.22

PROPOSED WORK: LEASE No. PT. TR. 76  
 DRILL     CONVERT     DRILL DEEPER     REDRILL     FRACTURE OR  
 STIMULATE     PLUG OFF OLD FORMATION     PERFORATE NEW  
 FORMATION     OTHER PHYSICAL CHANGE IN WELL (SPECIFY)    

PLUG AND ABANDON X CLEAN OUT AND REPLUG     OCT 24 2008

TARGET FORMATION      
 WELL OPERATOR PINNACLE MINING COMPANY, LLC  
 ADDRESS PO BOX 338  
PINEVILLE, WV 24874

ESTIMATED DEPTH 3623 FEET  
 DESIGNATED AGENT DWIGHT GILLESPIE  
 ADDRESS PO BOX 85  
THORPE, WV 24888

WYO 1267P

37 30

LATITUDE

OGIS  
0870

81 34 30

LONGITUDE

7'5 OGIS topo location

7.5' loc \_\_\_\_\_  
\_\_\_\_\_

15' loc 0.51 0.055  
(calc.) 3.12 3.17W

Company Meridian Explor. Co.

Farm Berwind Land (1392)

Quad Welch 7.5 and 15' NE

County WYOMING

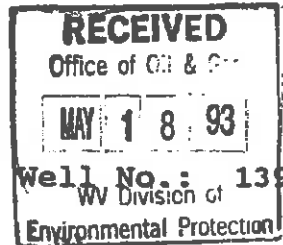
District CENTRAL

WELL LOCATION MAP

File No. 109 - 1267

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work



Farm Name: BERWIND LAND CO

Operator Well No.: 1398

LOCATION: Elevation: 2044.0 Quadrangle: WELCH

District: CENTER County: WYOMING  
Latitude: 300 Feet South of 37 Deg. 30 Min. 0 Sec.  
Longitude 4625 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: MERIDIAN EXPLORATION CORP.  
2800 GULF TOWER  
PITTSBURGH, PA 15219-0000

Agent: JOHN O. KIZER (C T CORP)

Inspector: RODNEY G. DILLON  
Permit Issued: 05/13/92  
Well work Commenced: 7/29/92  
Well work Completed: 8/04/92  
Verbal Plugging  
Permission granted on:  
Rotary  Cable  Rig  
Total Depth (feet) PTD:3630' LTD:3623'  
Fresh water depths (ft) N/A

Salt water depths (ft) 160'

Is coal being mined in area(Y/N)? N  
Coal Depths (ft): 1055'-1065'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	35'	35'	
7"	1255.7'	1255.7'	258.4
4-1/2"	3587'	3587'	272

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth (ft) 3148'-3525'  
Gas: Initial open flow 391 MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 391 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 760 psig (surface pressure) after 72 Hours

Second producing formation Ravencliff Pay zone depth (ft) 1798'-1830'  
Gas: Initial open flow 289 MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 289 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 350 psig (surface pressure) after 72 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.

MAY 24 1993

Reviewed TM6

Recorded \_\_\_\_\_

For: [Signature]  
MERIDIAN EXPLORATION CORP.

By: Karl C. Kimmich

Date: 12-16-92

PERFORATED INTERVALS

3148' - 3525' } Big Lime  
 1798' - 1803' }  
 1813' - 1817' } Prof  
 1825' - 1830' }

**FIRST STAGE (Big Lime)**

=====  
 Acid Treatment 8/12/92                      9/18/92  
 BKDN            1020 PSI                      1020 PSI  
 AVE TRT       11 BPM @ 1400 PSI            13 BPM @ 1200 PSI  
 ISIP (FRAC)   1200                              1300  
 SAND (20/40)     N/A                                  N/A  
 H<sub>2</sub>O (BBL)     300                                      209  
 N<sub>2</sub> (SCF)       83,000                                  920  
 ACID:            8,500 gal. 15% HCL    5000 gal. 15% HCL

**SECOND STAGE (Ravencliff)**

=====  
 BKDN                                      2670 PSI  
 AVE TRT                                  25 BPM @ 2800 PSI  
 ISIP (FRAC)                              1400  
 SAND (20/40) (80/100)                66,100#  
 H<sub>2</sub>O (BBL)                                364  
 N<sub>2</sub> (SCF)                                 359,000

=====  
 FORMATIONS            TOPS                      BOTTOMS                      WATER AND GAS CHECKS  
 =====

0 - 15'            Alluvium  
 15' - 115'       Shale  
 115' - 165'       Sand  
 165' - 235'       Shale  
 235' - 320'       Sand some Shale  
 320' - 410'       Sand  
 410' - 495'       Shale  
 495' - 565'       Sand  
 565' - 635'       Shale  
 635' - 900'       Sand  
 900' - 960'       Shale  
 960' - 1000'       Shale  
 1000' - 1055'       Shales & Sands Interbedded  
 1055' - 1065'       Coal  
 1065' - 1105'       Shale some Sand  
 1105' - 1210'       Sand  
 1210' - 1305'       Shale  
 1305' - 1390'       Sand  
 1390' - 1480'       Sand & Interbedded Shales  
 1480' - 1775'       Shale  
 1775' - 1835'       Ravencliff Sand  
 1835' - 1898'       Shale  
 1898' - 1945'       Avis Lime  
 1945' - 2000'       Shale  
 2000' - 2435'       Sands and Shale Interbedded  
 2435' - 2495'       Maxton Sand  
 2495' - 2755'       Interbedded Sands & Shales  
 2755' - 2835'       Lower Maxton  
 2835' - 2880'       Shale  
 2880' - 2955'       Little Lime  
 2955' - 3020'       Shale  
 3020' - 3055'       Lime  
 3055' - 3145'       Shale  
 3145' - 3623'       Big Lime  
 3623'              Total Depth

H<sub>2</sub>O 160' 1/4" Stream

GAS CHECKS:

@ 1815' : NS  
 @ 2525' : NS  
 Collars: 179 MCF

8/11/15  
 Jcy

DF }  
 DFT } 345

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

104k 109-1267

Issued 5/13/92

Expires 5/13/94 Page of

- 1) Well Operator: Meridian Exploration Corporation 31805 (3) 664
- 2) Operator's Well Number: 1398 3) Elevation: 2044
- 4) Well type: (a) Oil  / or Gas  /  
(b) If Gas: Production  / Underground Storage  /  
Deep  / Shallow  /
- 5) Proposed Target Formation(s): Ravencliff, Maxton, Big Lime
- 6) Proposed Total Depth: 3630 feet
- 7) Approximate fresh water strata depths: N/A
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: 1000', 1050'
- 10) Does land contain coal seams tributary to active mine? Yes  / No  /
- 11) Proposed Well Work: Drill and stimulate new well
- 12)

RECEIVED  
WV Division of  
Environmental Protection  
APR 24 92  
Permitting  
Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4	LS	32	30'	30'	Driven
Fresh Water						
Coal						
Intermediate	7"	H-40	17	1120'	1120'	1120' (168)
Production	4-1/2"	J-55	10.5	3630'	3630	2100' (216)
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond \_\_\_\_\_  Agent  
(Type)

81921

7304  
7321  
16

RECEIVED

WV Division of Environmental Protection

APR 24 92

Permitting Office of Oil & Gas

Page 1 of Form WW2-A (09/87)

Surface Owner

- 1) Date: April 16, 1992
- 2) Operator's well number 1398
- 3) API Well No: 47 - 109 - 1267  
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
  - (a) Name Berwind Land Co.  
Address 1050 One Valley Square  
Charleston, WV 25301
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration
    - Name Berwind Land Co.  
Address 1050 One Valley Square  
Charleston, WV 25301
    - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration
    - Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector Rodney Dillon  
Address P.O. Box 131  
Bradley, WV 25818  
Telephone (304)-877-2912

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_ on the above named parties, by:

- Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE

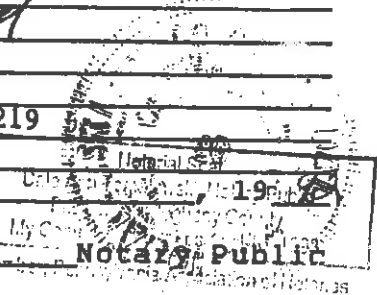
(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator Meridian Exploration Corp.  
 By: Eric P. Linn  
 Its: Vice President  
 Address 707 Grant St.  
 Pittsburgh, PA 15219  
 Telephone 412-471-8181

Subscribed and sworn before me this 16th day of April

DALE ANN TOMALEWSKI Dale Ann Tomalewski  
My commission expires April 10, 1993



(9-04)  
R-38  
DATE:

API # 47-109-01267

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, 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: Berwind Land Co Operator Well No.: 1398

LOCATION: Elevation: 2045.81 Quadrangle: Welch  
District: Center County: Wyoming  
Latitude: 300 Feet South of 37 Deg. 30 Min. 0 Sec.  
Longitude: 4625 Feet West of 81 Deg. 32 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company: Pinnacle Mining Company  
P.O. Box 338  
Pinville, WV 24874

Coal Operator or Owner \_\_\_\_\_  
Coal Operator or Owner \_\_\_\_\_  
**RECEIVED**  
**Office of Oil & Gas**  
FEB 16 2010

Agent: Dwight Gillespie

Permit Issued Date: 10/23/08

AFFIDAVIT WV Department of Environmental Protection

STATE OF WEST VIRGINIA,  
County of Lincoln ss:

Roger McComas and Charles Adkins 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 say that said work was commenced on the 27th day of Oct, 2008, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gal Hole	Surface	3623		
Cement	3311	3100		7 inch 1255.7
Cement	1853	1750		
Perf. 4 1/2	1304-1156	Every 10 feet		
Perf. /	1156-1054	Every 10 feet		
Pulled 4 1/2	1097			2490
Cement	1286	Surface r/c		
Plugged according to 101 C regulation to allow mining through.				

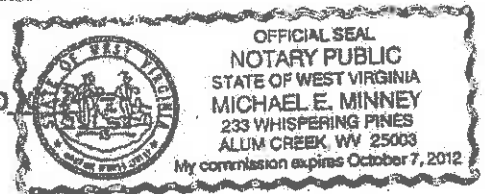
Description of monument: Erect Monument with API # 47-109-01267 and that the work of plugging and filling said well was completed on the 25 day of Nov, 2008.

And further deponents saith not. Roger McComas

Charles Adkins

Sworn and subscribe before me this 3<sup>rd</sup> day of December, 2008  
My commission expires: 10-7-2013

Michael E. Minney  
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature]