

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION USC&GS B.M.
 N.F. 44 (1955) E. - 1565

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) Lawrence R. Barr
 R.P.E. _____ L.L.S. 884



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE DECEMBER 10, 1991
 OPERATOR'S WELL NO. 1326
 API WELL NO. 47-109-1240
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 2158.0 WATERSHED BEE BRANCH OF INDIAN CREEK
 DISTRICT CENTER 3 COUNTY WYOMING
 QUADRANGLE WELCH, WV - 7.5 MIN NE
 SURFACE OWNER BERWIND LAND CORPORATION ACREAGE 867.2 ±
 OIL & GAS ROYALTY OWNER BERWIND LAND CORP. LEASE ACREAGE 2500
 LEASE NO. 2709

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 BIG LIME ESTIMATED DEPTH 3750' b-6 unnamed (9)
 WELL OPERATOR MERIDIAN EXPLORATION DESIGNATED AGENT C.T. CORPORATION
 ADDRESS 2800 GULF TOWER, PITTSBURG, PA ADDRESS 1200 CHARLESTON NATIONAL PLAZA
474215219 CHARLESTON, WV 25301

FORM WW-8
 HALLS INC. 068065

COUNTY NAME
 PERMIT

RECEIVED

WV Division of Environmental Protection

AUG 05 92

Permitting Office of Oil & Gas

15-JAN-92
API #47-109-01246

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

Reviewed TM6
Recorded _____

Well Operator's Report of Well Work

Farm name: BERWIND LAND COMPANY

Operator Well No.: 1326

LOCATION: Elevation: 2158.00'

Quadrangle: Welch

District: Center County: Wyoming
Latitude: 2050 Feet South of 37 Deg. 30 Min. 00 Sec.
Longitude: 5050 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: MERIDIAN EXPLORATION CORPORATION

707 Grant Street
Suite 2800
Pittsburgh, PA 15219-1919

Agent: John O. Kizer (CT Corp.)

Inspector: Rodney G. Dillon

Permit Issued: 01/15/92

Well work Commenced: 3/10/92

Well work Completed: 3/17/92

Verbal Plugging

Permission granted on: _____

Rotary X Cable _____ Rig

Total Depth (feet) DTD: 3711', LTD: 3703'

Fresh water depths (ft) N/A

Salt water depth (ft) 480', 540'

Is coal being mined in area (Y/N)? N

Coal Depths (ft): 1060' - 1070'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size 11-3/4"	32'	32'	
7"	1168'	1168'	218
4-1/2"	3629'	3629'	286

OPEN FLOW DATA

Producing formation Ravencliff Pay zone depth (ft) 1927'-1941'

Gas: Initial open flow 1600 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 1600 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 315 psig (surface pressure) after 24 Hours

Second producing formation Maxton Pay zone depth (ft) 2635'-2650'

Gas: Initial open flow 1100 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 1100 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 325 psig (surface pressure) after 24 Hours

** SEE ATTACHED FOR THIRD FORMATION: Big Lime

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.

AUG 10 1992

For: MERIDIAN EXPLORATION CORPORATION

By: Karl C. Kimmich

Date: 7/28/92

Perforated Intervals

3394' - 3396'
 3399' - 3402'
 3410' - 3415'
 3536' - 3539'
 3545' - 3548'
 3582' - 3587'
 2635' - 2650'
 1927' - 1941'

	FIRST STAGE (Big Lime) =====	SECOND STAGE (Maxton) =====	THIRD STAGE (Ravencliff) =====
BKDN:	1950 PSI	2650 PSI	3210 PSI
AVE TRT:	10 BPM @ 1800 PSI	30 BPM @ 2100 PSI	30 BPM @ 2640 PSI
ISIP (FRAC):	N/A	500	1000
SAND (20/40):	(Acid Frac)	61,600#	61,000#
H2O (BBL):	276	277	280
N2 (SCF):	80,000	290,000	290,000

FORMATIONS	TOPS	BOTTOMS	WATER AND GAS CHECKS
Alluvium	0'	20'	
Shale	20'	70'	
Sand	70'	110'	
Sand & Shale	110'	190'	
Sand	190'	250'	H2O: 480' - Damp
Sand & Shale	250'	340'	540' - 1/4" stream
Sand	340'	550'	
Sand Interbedded Shale	550'	700'	
Shale	700'	755'	Gas: 2000' - 24/10
Sand	755'	960'	2713' - 260 Mcf
Shale	960'	1060'	Collars - 20/10
Coal	1060'	1070'	
Shale	1070'	1190'	
Sand & Shale	1190'	1300'	
Shale	1300'	1400'	
Sand	1400'	1475'	
Shale	1475'	1850'	
Ravencliff Sand	1850'	1955'	
Shale	1955'	1980'	
Avis Lime	1980'	2026'	
Shale with Interbedded Sand	2026'	2506'	
Middle Maxton	2506'	2672'	
Shale with Interbedded Sand	2672'	2850'	
Lower Maxton	2850'	2982'	
Shale	2982'	2980'	
Little Lime	2980'	3060'	
Shale	3060'	3120'	
Lime	3120'	3190'	
Big Lime	3190'	3703'	
LTD	3703'		
DTD	3711'		

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

Well Operator's Report of Well Work

Farm name: BERWIND LAND COMPANY

Operator Well No.: 1326

(Continued)

Third producing formation	<u>Big Lime</u>	Pay zone depth (ft)	<u>3394'-3587'</u>
Gas: Initial open flow	<u>929</u>	MCF/d	Oil: Initial open flow <u>N/A</u>
			Bbl/d
Final open flow	<u>929</u>	MCF/d	Final open flow <u>N/A</u>
			Bbl/d
Time of open flow between initial and final tests	<u>24</u>		Hours
Static rock Pressure	<u>560</u>	psig (surface pressure)	after <u>24</u>
			Hours

AUG 10 1992

13071

RECEIVED
DEC 30 1991

109-1246
Issued 11/15/92
Page of
Expires 11/15/94

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

- 1) Well Operator: Meridian Exploration Corporation 31805 (3) 664
- 2) Operator's Well Number: 1326 3) Elevation: 2158
- 4) Well type: (a) Oil or Gas
(b) If Gas: Production / Underground Storage
Deep / Shallow
- 5) Proposed Target Formation(s): Big Lime 345
- 6) Proposed Total Depth: 3700 feet
- 7) Approximate fresh water strata depths: N/A 252'
- 8) Approximate salt water depths: N/A *OK with expected*
- 9) Approximate coal seam depths: 995 246' 242' 674'-977'
- 10) Does land contain coal seams tributary to active mine? Yes / No
- 11) Proposed Well Work: New Well *Drill & Stimulate*
- 12)

CASING AND TUBING PROGRAM

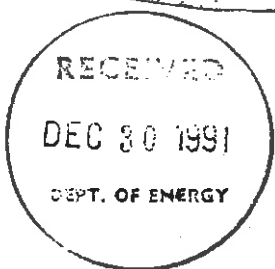
TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4	LS	32	30	30	Drive
Fresh Water						38CS918-11.3
Coal						38CS918-11.2.2
Intermediate	7"	H-40	17	1095	1095 <i>45</i>	1095 (165)
Production	4-1/2	J-55	10.5	3700	3700	2000 (205)
Tubing						38CS918-11.1
Liners						

12071

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

7061
31
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond *Compet letter* Agent
 (Type)



- 1) Date: December 16, 1991
- 2) Operator's well number
1326
- 3) API Well No: 47 - 109 - 1246
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 Company
Address 1050 One Valley Square
Charleston, WV 15301
 - (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)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

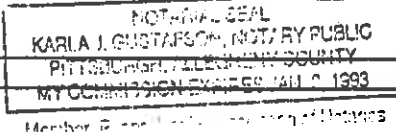
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Meridian Exploration Corporation
By: Eric P. Linn
Its: Vice President
Address 707 Grant Street, Suite 2800
Pittsburgh, PA 15219
Telephone 412-471-8181

Subscribed and sworn before me this 16 day of December, 1991

Karla J. Gustafson
My commission expires _____



Notary Public

Member, Board of Notaries, State of West Virginia

Rev (9-04)
WR-38
DATE: 02/05/08

API # 47-109-01246

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.: 1326

LOCATION: Elevation: 2153.85 Quadrangle: Welch, WV 7-1/2
District: Center County: Wyoming
Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: _____ Feet West of _____ Deg. _____ Min. _____ Sec.

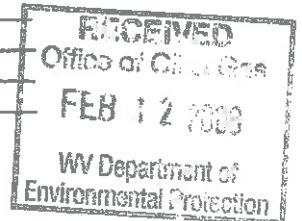
Well Type: OIL _____ GAS X

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

Coal Operator _____
or Owner _____
Coal Operator _____
or Owner _____

Agent: Dwight Gillespie

Permit Issued Date: 01/10/07



AFFIDAVIT

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 7th day of Jan., 2008 and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel Hole	Surface	3578'		
Cement	3578'	3350'		
Cement	2728'	2600'		
Cement	2016'	1900'		
Perf. 4-1/2"	1400' - 1230'	Every 10'		
Perf. 7"	1168' - 1150'	Every 10'		
Pulled 4-1/2"		1220'	1220'	2409'
Cement	1428'	Surface		7" - 1168'

Milled window from 1122' to 1142' in 7" casing

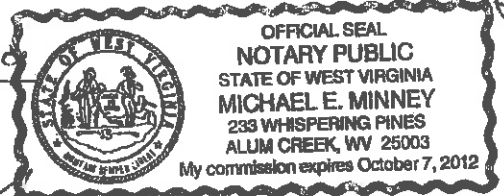
Plugged according to 101.C regulations to allow mining through.
Description of monument: Erect monument with API# 47-109-01246 and that the work of plugging and filling said well was completed on the 31st day of Jan., 2008.

And further deponents saith not. Roger McComas

Charles Adkins

Sworn and subscribe before me this 1st day of February, 2008
My commission expires: 10-7-2012

Michael E. Minney
Notary Public



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

FEB 12 2008

WYO 1246