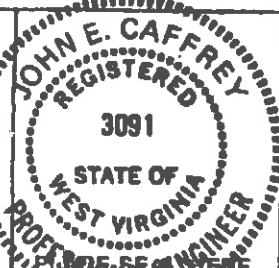


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY Trav. Loop 1:77,000
 PROVEN SOURCE OF ELEVATION USGS INDIAN MONU. E 2326

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) John E. Caffrey
 P.E. 3091



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

DATE MAY 8, 1992
 OPERATOR'S WELL NO. 1325
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___

LOCATION: ELEVATION 2234 WATERSHED PUNCHEONCAMP BRANCH OF BROWNS CREEK
 DISTRICT BROWNS CREEK 3 COUNTY MCDOWELL
 QUADRANGLE USGS WELCH, WV (7.5 MIN. SERIES) Welch NE

SURFACE OWNER BERWIND LAND CORP. ACREAGE ± 982.5
 OIL & GAS ROYALTY OWNER BERWIND LAND CORP. LEASE ACREAGE 7100
 LEASE NO. 2582

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 BIG LIME ESTIMATED DEPTH 3900

WELL OPERATOR MERIDIAN EXPLORATION DESIGNATED AGENT C.T. CORPORATION
 ADDRESS 2800 GULF TOWER, PITTSBURGH, PA 15219 6742 ADDRESS 1200 CHARLESTON NATL PLAZA CHARLESTON WV 25301

COUNTY NAME
 PERMIT JUN 26 1992

6-6 unnamed (w) 267

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

RECEIVED
WV Division of
Environmental Protection

NOV 1 0 92

Reviewed TMG
Recorded CH

Well Operator's Report of Well Work

Farm Name: CAPLES RESOURCES, INC.

Operator Well No: 1225

Permitting
Section of Oil & Gas

LOCATION: Elevation: 2234.0 Quadrangle: WELCH

District: BROWNS CREEK County: MCDOWELL
Latitude: 3700 Feet South of 37 Deg. 30 Min. 0 Sec.
Longitude 6900 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: OFIE HELMICK
Permit Issued: 06/22/92
Well work Commenced: 7/21/92
Well work Completed: 7/29/92
Verbal Plugging
Permission granted on:
Rotary X Cable _____ Rig _____
Total Depth (feet) DTD:3950' LTD:3930'
Fresh water depths (ft) 80'

Salt water depths (ft) N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
11-3/4"	25'	25'	
7"	1387.6'	1387.6'	272
4-1/2"	3838.8'	3838.8'	340

Is coal being mined in area(Y/N)? N
Coal Depths (ft): 425-430, 1255-1265

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth (ft) 3271-3710
Gas: Initial open flow 196 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 196 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 570 psig (surface pressure) after 24 Hours

Second producing formation Lower Maxton Pay zone depth (ft) 2674-2602
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure N/A psig (surface pressure) after N/A 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: *Karl C. Kimmich*
MERIDIAN EXPLORATION CORP.

NOV 20 1992

By: Karl C. Kimmich
Date: 11/3/92

PERFORATED INTERVALS

3271' - 3279'
 3367' - 3369'
 3375' - 3377'
 3695' - 3710'
 2602' - 2607'
 2610' - 2612'
 2615' - 2618'
 2668' - 2674'

FIRST STAGE (Big Lime)

Acid Treatment

BKDN 1750 PSI
 AVE TRT 12 BPM @ 1450 PSI
 ISIP (FRAC) 1300
 SAND (20/40) N/A
 H₂O (BBL) 304
 N₂ (SCF) 77,500
 ACID: 392 BBL 15% HCL

SECOND STAGE (Lower Maxton)

BKDN 1488 PSI
 AVE TRT 30 BPM @ 2800 PSI
 ISIP (FRAC) 1955
 SAND (20/40) 64,100#
 H₂O (BBL) 230
 N₂ (SCF) 345,800

FORMATIONS TOPS BOTTOMS WATER AND GAS CHECKS

0-20' Alluvium
 20-100' Sand
 100'-195' Shale
 195'-220' Sand
 220'-310' Shale
 310'-365' Sand
 365'-405' Sand & Shale Interbedded
 405'-425' Sand
 425'-430' Coal
 430'-450' Shale
 450'-655' Sand
 655'-700' Shale
 700'-785' Sand
 785'-840' Shale
 840'-1085' Sand
 1085'-1130' Shale
 1130'-1210' Sand with Some Shale
 1210'-1230' Shale
 1230'-1255' Sand
 1255'-1265' Coal
 1265'-1410' Interbedded Sands & Shale
 1410'-1465' Shale
 1465'-1505' Sand
 1505'-1535' Sand & Shale Interbedded
 1535'-1685' Shale
 1685-1705' Sand
 1705'-1965' Shale
 1965'-2045' Ravencliff Sand
 2045'-2095' Shale
 2095'-2145' Avis Lime
 2145'-2575' Shale with Some Interbedded Shale
 2575'-2705' Maxton Sand
 2705'-2950' Shale Some Sand
 2950'-3055' Lower Maxton Sand
 3055'-3095' Shale
 3095'-3185' Little Lime
 3185'-3260' Shale
 3260'-3730' Big Lime
 3730'-3930' Sand with Some Shale
 3930' Total Depth

H₂O: 80' - 1/4" Stream

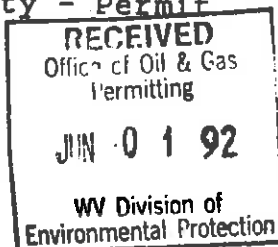
GAS CHECKS: 2070' : NS
 2700' : NS
 TD: NS
 Collars Odor

13101

- 1) Date: May 27, 1992
- 2) Operator's well number 1325
- 3) API Well No: 47 - 047 - 1170
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 Caples Resources Inc.
Address 1050 One Valley Square
Charleston, WV
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____

- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name Berwind Land Company
Address 1050 One Valley Square
Charleston, WV
Name _____
Address _____

- 6) Inspector Ofie Helmick
Address P.O. Box 218
Fanrock, WV 24834
Telephone (304)- _____

- (c) Coal Lessee with Declaration
Name Shannon-Pocahontas Mining Co.
Address P.O. Box 443
Roderfield, WV 24881

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
_____ 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:

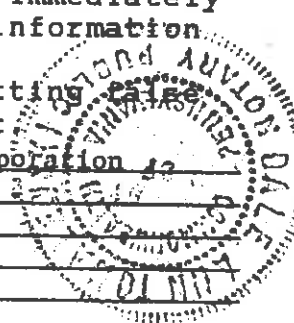
- _____ Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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 4129471-8181



Subscribed and sworn before me this _____ day of _____, 19

My commission expires _____

