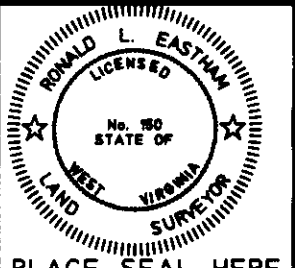


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1:16,178
 PROVEN SOURCE OF ELEVATION U.S.G.S. Mon. '43-8KS'
 Elev. = 1680.75

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 THE LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) Ronald L. Eastman
 R.P.E. _____ L.L.S. 150



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

DATE October 20 1995
 OPERATOR'S WELL NO. 123 Unit
 API WELL NO. SN. 200351

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

LOCATION: ELEVATION 1842.21 WATER SHED Lick Branch of Marsh Fork of Coal River
 DISTRICT Marsh Fork COUNTY Raleigh
 QUADRANGLE Arnett Carlin C

SURFACE OWNER Lawrence D. Stewart, et ux ACREAGE 155.49
 OIL & GAS ROYALTY OWNER Rowland Land Company, Ltd. LEASE ACREAGE 47340.87
 LEASE NO. 80594

PROPOSED WORK: DRILL ___ CONVERT X DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION Weir ESTIMATED DEPTH 3120' KB

WELL OPERATOR Ashland Exploration, Inc. DESIGNATED AGENT James L. Stephens
 ADDRESS P.O. Box 391 ADDRESS Rt. 6 Box 178
Ashland, Ky. 41114 6-6 248 Charleston, WV 25311

FORM WW-6

COUNTY NAME PERMIT

RECEIVED
WV Division of
Environmental Protection
MAR 25 1996
Permitting
Office of Oil & Gas

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

01-Dec-95
API #47-081-01021

Well Operator's Report of Well Work

Farm Name: STEWART, LAWRENCE D.
Location: Elevation: 1,842.21
District: MARSH FORK
Latitude: 12320 Feet South of
Longitude: 5005 Feet West of

Operator Well No.: 123-S-200351
Quadrangle: ARNETT
County: RALEIGH
37 Deg. 52 Min. 30 Sec.
81 Deg. 22 Min. 30 Sec.

Company: ASHLAND EXPLORATION, INC.
P.O. BOX 391, OS-2
ASHLAND, KY 41114-0391

Agent: B. E. Widener

Inspector: RODNEY DILLON

Permit Issued: 12-04-95
Well Work Commenced: 12-13-95
Well Work Completed: 2-26-96

| Casing & Tubing | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|---------------------------------------|------------------|--------------|------------------------|
| Size 13 ³ / ₈ " | 33' | 33' | 11.80 |
| 9 ⁵ / ₈ " | 311' | 311' | 171.10 |
| 4 ¹ / ₂ " | 3026' | 3026' | 88.50 |
| 2 ³ / ₈ " | | 2915' | |

Verbal Plugging
Permission granted on:
Rotary X Cable _____ Rig
Total Depth (feet) 3087' KB
Fresh water depths (ft) 50'
Salt water depths (ft) 490', 2340'
Is coal being mined in area (Y/N)? N
Coal Depths (ft): None Reported

OPEN FLOW DATA

Producing formation Middle Weir Pay zone depth (ft) 2890-2812
Gas: Initial open flow 2425 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 2314 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static Rock Pressure 700 psig (surface pressure) after 336 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 FORMATION, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Ashland Exploration, Inc.

By: Scott A. Arnold Scott A. Arnold, Asst. Eng.
Date: 3/21/96

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

Issued 12/04/95
Expires 12/04/97

Permitting

Well Owner: 43 2750 (2) 218
Rowland Land Company

21326

Operator's Well Number: 123, Serial #200351 3) Elevation: 1842.21

Well type: (a) Oil or Gas
(b) If Gas: Production Underground Storage
Deep Shallow

Proposed Target Formation(s): Weir 387

- 6) Proposed Total Depth: 3120' KB feet
- 7) Approximate fresh water strata depths: 107'
- 8) Approximate salt water depths: 540'
- 9) Approximate coal seam depths: Solid - No mineable seams
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Drill and Stimulate New Well

12) **CASING AND TUBING PROGRAM**

| TYPE | SPECIFICATIONS | | | FOOTAGE INTERVALS | | CEMENT |
|--------------|----------------|-------|----------------|-------------------|--------------|---------------------------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | Fill-up (cu. ft.) |
| Conductor | 13 3/8 | LS | 36 | 30 | 30 | CTS |
| Fresh Water | 9 5/8 | M-50 | 26 | 300 | 300 | CTS |
| Coal | | | | | | 30051071.3 30051071.22 |
| Intermediate | | | | | | |
| Production | 4 1/2 | J-55 | 10.5 | 3120 | 3120 | As Required |
| Tubing | 1.9 | J-55 | 2.76 | - | 3060 | Siphon |
| Liners | | | | | | 30051071.1 |

PACKERS: Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

506173 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
440 Plat WW-9 WW-2B Bond Agent
(Type)

RECEIVED
WV Division of
Environmental Protection

NOV 16 1995

- 1) Date: November 10, 1995
- 2) Operator's well number
Rowland Land Co. 123, Serial #200351
- 3) API Well No: 47 - 081 1021 -
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Office of Oil & Gas
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner (s) to be served: (a) Name <u>Lawrence D. Stewart</u> Address <u>P.O. Box 197</u> <u>Arnett, WV 25007</u> (b) Name _____ Address _____ (c) Name _____ Address _____</p> | <p>5) (a) Coal Operator: Name <u>None</u> Address _____ (b) Coal Owner (s) with Declaration Name <u>J. W. Word</u> Address <u>P.O. Box 1575</u> <u>Beckley, WV 25802</u> Name _____ Address _____ (c) Coal Lessee with Declaration Name _____ Address _____</p> |
| <p>6) Inspector <u>Rodney Dillon</u> Address <u>P.O. Box 131</u> <u>Bradley, WV 25818</u> Telephone (304) - <u>877-2912</u></p> | |

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 2 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 Ashland Exploration, Inc.

BYC By: Bradley W. Fischer *[Signature]*
 It's: Vice President
 Address P.O. Box 391
Ashland, KY 41114
 Telephone 606-329-5450

Subscribed and sworn before me this 10~~th~~ day of November, 1995

[Signature] Notary Public
 My commission expires Nov. 23, 1998

Log Tops (KB):

| | |
|-----------|--------------------|
| 509-1151 | Base/Lee Formation |
| 1151-2266 | Pennington |
| 1498-1562 | Ravenclyff |
| 1562-1594 | Avis Lime |
| 1754-1783 | U. Maxton |
| 1873-1892 | M. Maxton |
| 2160-2247 | L. Maxton |
| 2266-2347 | Little Lime |
| 2347-2743 | Big Lime |
| 2743-TD | Borden |
| 2878-2948 | M. Weir |
| 3066 | TD |

Perf Weir with 3/8" HCG 0.34 jets 2 spf 23H/2901-2912, 9H/2890-2894, 32H total. Pump 500 gal 12% HCl-Fe & frac M. Weir w/75Q foam ramp using 63,000# 20/40 sand and 300,300 scf N₂ @ 10,700 scf/m. BD @ 1350, ATP 1235 @ 20 BPM, MTP 1350, ISIP 1220, TF 150 bbl.