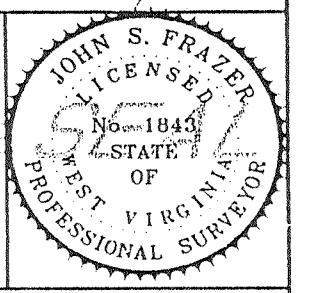


FILE NO. 2000-155
DRAWING NO. 2000-155 EQUITABLE CIVIL WELLS WVS27
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1: 2500
PROVEN SOURCE OF ELEVATION USGS STA LOGAN
EL = 1048.76' NAVD88

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 S. Frazer
R.P.E. _____ P.S. 1843



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

DATE: JANUARY 31st 2001
OPERATOR'S WELL NO. ISLAND CREEK COAL Co
API WELL NO. 47 - 045 - 01391
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1388.23' WATER SHED ROCK HOUSE Br. OF MUD Fk. OF ISLAND Ck. OF THE GUYANDOTTE RIVER
DISTRICT ISLAND CREEK COUNTY LOGAN
QUADRANGLE CHAPMANVILLE, WV 7.5 Min. Quadrangle

SURFACE OWNER HEARTWOOD FORESTLAND FUND II ACREAGE 24,418.08 Ac.
OIL & GAS ROYALTY OWNER ISLAND CREEK COAL Co LEASE ACREAGE 60,000 Ac.
LEASE NO. 080662

PROPOSED WORK: DRILL X CONVERT ___ 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 DEVONIAN SHALE ESTIMATED DEPTH 5,600'
WELL OPERATOR Equitable Prod.-Eastern States, Inc. DESIGNATED AGENT STEPHEN G. PERDUE
ADDRESS P.O. BOX 2347 ADDRESS P.O. BOX 2347
CHARLESTON, W.V. 25328 CHARLESTON, W.V. 25328

FORM WW-6

LOGAN
COUNTY NAME PERMIT
1391

DEEP WELL

6-6 274

MAR 09 2001

*Review - e
ALB
copy To Bro H.*

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

Well Operator's Report of Well Work

Farm Name: Heartwood Forestland Operator Well No.: 506059

LOCATION: Elevation: 1,388.23 Quadrangle: Chapmanville
District: Island Creek County: Logan

RECEIVED
Office of Oil & Gas
Permitting
JUN 29 2001
WV Department of
Environmental Protection
30

Latitude: 12696 Feet South of Deg. 37 Minutes 55 Seconds
Longitude: 9491 Feet West of Deg. 82 Minutes 2 Seconds

Company: EQUITABLE PRODUCTION COMPANY
P.O. Box 2347, 1710 Pennsylvania Avenue
Charleston, WV 25328

Agent: Steve Perdue

Inspector: Ofie Helmick

Permit Issued: 03/09/2001
Well work commenced: 04/26/01
Well work completed: 05/16/01

Verbal Plugging Permission granted on: _____

Rotary Rig X Cable Rig _____

Total Depth 4465' feet

Fresh water depths (ft) 428'

Salt water depths (ft) 895'

Is coal being mined in area? _____

Coal Depths (ft): 336'-340'

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 13-3/8" | 30' | 30' | Grtd |
| 9 5/8" | 583' | 583' | 231 FT ³ |
| 7" | 1900' | 1900' | 483 FT ³ |
| 4-1/2" | 4445' | 4445' | 422 FT ³ |
| | | | |

OPEN FLOW DATA

Producing formation L Shale/U. Shale/Big Lime Pay Zone Depth (ft): _____ See Attach for details

Gas: Initial open flow 84 Bbl/d
 Final open flow 320 Final open flow: _____
 Time of open flow between initial and final tests _____ Hours

Static rock pressure 340 psig (surface pressure) after _____ 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: _____
 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 FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: BLAZER ENERGY CORPORATION

By: Deep Blina
Date: 6-28-01

706 1391

JUL 06 2001

DEEP

EQUITABLE PRODUCTION COMPANY
WR-35 COMPLETION REPORT - Attachment
Well Treatment Summary

Well: WV-506059-Island Creek

API# 47-045-01391

| Date | 5/14/2001 | 5/14/2001 | 5/14/2001 | | | |
|------------------------------------|-----------------|-----------------|-------------------|--|--|--|
| Type Frac | | | | | | |
| Acid, N ₂ , Foam, Water | N ² | N ² | Acid | | | |
| Zone Treated | L. Shale | U. Shale | Big Lime | | | |
| # Perfs | 40 | 20 | 16 | | | |
| From - To: | 3659-4378 | 2652-3306 | 1976-2122 | | | |
| BD Pressure @ psi | 2676 | 3222 | 1679 | | | |
| ATP psi | 2473 | 2733 | | | | |
| Avg. Rate, B=B/M, S= SCF/M | 54,650 S | 56,427 S | 6 B | | | |
| Max. Treat Press psi | 2676 | 3457 | 1679 | | | |
| ISIP psi | 1751 | 1079 | 275 | | | |
| | Final | Final | | | | |
| Frac Gradient | .50 | .40 | .60 | | | |
| 10 min S-I Pressure | 856 | 793 | 776 2 Min | | | |
| Material Volume | | | | | | |
| Sand-sks | | | | | | |
| Water-bbl | | | | | | |
| SCF N ₂ | 898,118 | 590,028 | 16,071 | | | |
| Acid-gal | 600 gal 7.5% | 600 gal 7.7% | 2500 gal 15.6% | | | |
| NOTES: | | | | | | |

| TOP | BASE | FORMATION | REMARKS* |
|------|------|--------------|---|
| 0 | 144 | Sand | |
| 144 | 336 | Sand & Shale | |
| 336 | 340 | Slate & Coal | Damp @ 428' |
| 340 | 684 | Sand Shale | |
| 684 | 687 | Slate & Coal | |
| 687 | 839 | Sand & Shale | |
| 839 | 1436 | Salt Sand | ¼° @ 895' |
| 1687 | 1743 | Maxton | |
| 1851 | 1900 | L Lime | GT @ 1829', 1891', 1923', 1991'=NS |
| 1904 | 2132 | Big Lime | |
| 2163 | 2177 | Big Injun | GT @ 2173', 2387', 2668'=103 mcf/d |
| 2253 | 2326 | Weir | |
| 2626 | 2653 | Sunbury | |
| 2653 | 2658 | Berea | |
| 2819 | 2824 | Gordon | GT @ 2950'=84 mcf/d, 3286'=133 mcf/d |
| 3617 | 3966 | L. Huron | GT @ 3503', 3566', 3845', 3998', 4428', DC's=103 mcf/d |
| 3966 | 4090 | Java | |
| 4090 | 4276 | Angola | |
| 4276 | 4438 | Rhinestreet | |
| 4438 | | Onondaga | |
| 4465 | | TD | |