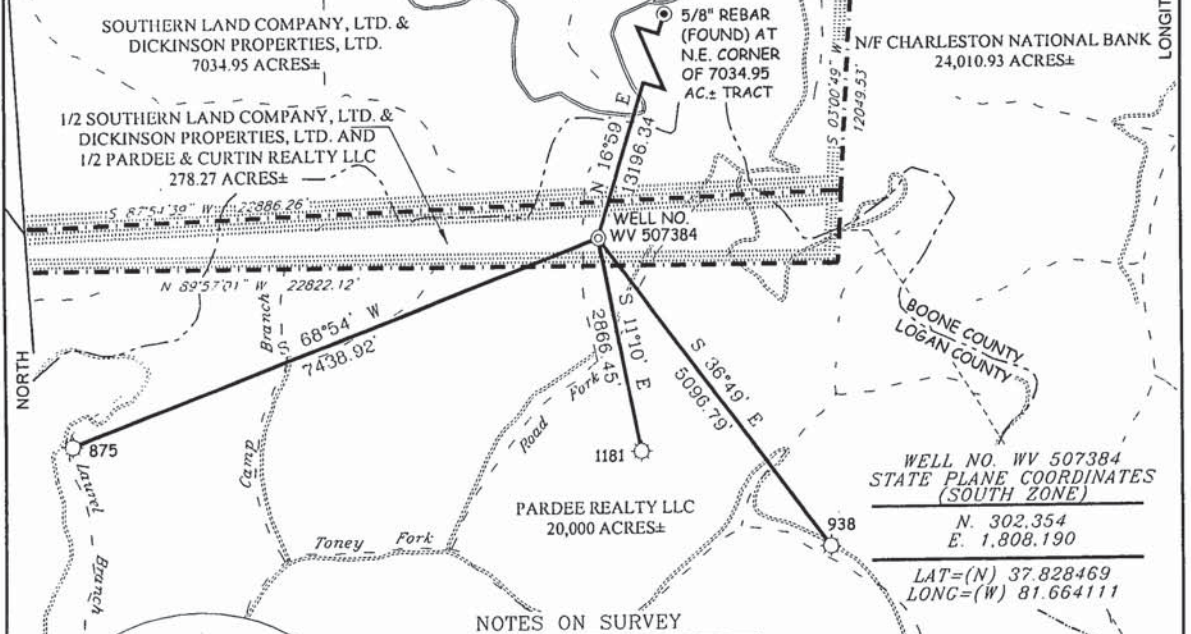


PARDEE LAND CO. & SOUTHERN LAND CO. LEASE

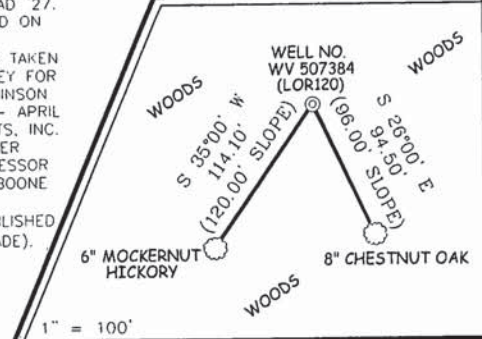
278.27 ACRES± WELL NO. WV 507384



NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10/29/04.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PRELIMINARY PLAT OF SURVEY FOR SOUTHERN LAND CO. LTD AND DICKINSON PROPERTIES, LTD. DATED MAY 2000 - APRIL 2001 BY AUGUSTA LAND CONSULTANTS, INC.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF BOONE COUNTY IN OCTOBER, 2004.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677
Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JANUARY 3, 2005
OPERATORS WELL NO. WV 507384
API WELL NO. 47 - 45 - 01719
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500
FILE NO. 3895P507384 (179-14)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
SCALE 1"=2000'

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

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

LOCATION:
ELEVATION 2,208' WATERSHED ROAD FORK OF TONEY FORK
DISTRICT TRIADELPHIA COUNTY LOGAN QUADRANGLE LORADO 7.5'

SURFACE OWNER 1/2 SOUTHERN LAND COMPANY LTD. & DICKINSON PROPERTIES, LTD. & 1/2 PARDEE & CURTIN REALTY LLC. ACREAGE 278.27±
ROYALTY OWNER 1/2 SOUTHERN LAND COMPANY LTD. & DICKINSON PROPERTIES, LTD. & 1/2 PARDEE MINERALS LLC. LEASE ACREAGE 278.27±
PROPOSED WORK: LEASE NO. 033666, 070143, & 004107
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION DEVONIAN SHALE
ESTIMATED DEPTH 6,650'

WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT STEPHEN G. PERDUE
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

COUNTY NAME PERMIT

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Farm Name: Southern Land Co/Dickinson Prop. Operator Well No.: Pardee/So Land 507384

LOCATION: Elevation: 2,208' Quadrangle: Lorado
District: Tridelphia County: Logan
Latitude: 1,750' feet South of 37° DEG. 50' MIN. 0" SEC.
Longitude: 11,320' feet West of 81° DEG. 37' MIN. 30" SEC.

Company: Equitable Production Company
1710 Pennsylvania Avenue
Charleston, WV 25302

Agent: Steven R. Perdue
Inspector: Ralph Triplett
Permit Issued: 5/12/2005
Well Work Commenced: June 15, 2005
Well Work Completed: June 19, 2005
Verbal Plugging: YES
Permission granted on: June 18, 2005
Rotary X Cable
Total Depth (feet) 604'
Fresh Water Depths (ft) 2" @ 585'
Salt Water Depths (ft)
Is coal being mined in area (Y / N) ?
Coal Depths (ft) 90'-96', 145'-148', 375'-380', 569'-572'

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
13 3/8"	15"	30'	

OPEN FLOW DATA

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

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 SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATION INTERVALS ENCOUNTERED BY THE WELLBORE

RECEIVED
Office of Oil & Gas

For: **EQUITABLE PRODUCTION COMPANY**

JAN 20 2006

By: Victoria E. Deegan Drilling Eng. Tech
Date: 1 July 05

Department of
Environmental Protection



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Joe Manchin III, Governor
Stephanie R. Timmermeyer, Cabinet Secretary
www.wvdep.org

May 12, 2005

WELL WORK PERMIT
New Well

This permit, API Well Number: 47-4501719, issued to EQUITABLE PRODUCTION COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-654-3312 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced.

If there are any questions, please feel free to contact me or Mr. Al Blankenship at 304-926-0499 ext. 1653.

JAMES MARTIN
Chief,
Office of Oil and Gas

Operator's Well No: 507384
Farm Name: SOUTHERN LAND COMPANY
API Well Number: 47-4501719
Permit Type: New Well
Date Issued: 05/12/2005

Promoting a healthy environment.

45-01719

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator EQUITABLE PRODUCTION COMPANY Operator ID 45 County 3 District 445 Quadrangle
- 2) Operator's Well Name Pardee/So Land 507384 3) Elevation 2,208'
- 4) Well Type: (a) Oil _____ or Gas X
 (b) If Gas: Production X Underground Storage _____
 Deep _____ Shallow X
- 5) Proposed Target Formation(s): Maxton, Big Lime
- 6) Proposed Total Depth: 5,900' Feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: 1477', 1728', 2583'
- 9) Approximate coal seam depths: 12', 34', 143', 352', 378', 544', 562', 585', 653', 669', 769', 921', 933', 948', 983', 1053', 1188'
- 10) Does land contain coal seams tributary to active mine? No
- 11) Describe proposed well work: Drill and complete a new well.

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 Office of Oil & Gas
 MAR 16 2005

*Drill 8 3/4" hole to 2640'. Run 7" if necessary. If not, drill 6 1/4" hole to TD.

WV Department of
 Environmental Protection

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"	L.S.	37	30'	30'	N/A
Fresh Water	9 5/8"	L.S.	26	1240'	1240'	C.T.S. <i>RDT 05/12/05</i>
Coal						
Intermediate	7"*	L.S.	19			C.T.S. <i>RDT 05/12/05</i>
Production	4 1/2"	J-55	10.5	5900'	5900'	384
Tubing	2 3/8"	J-55	4.6	May not be run, if run will be set 100' less than TD		
Liners						

Packers: Kind _____
 Size _____
 #450. Depths Set _____

ck # 3542