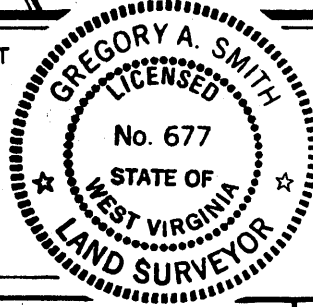
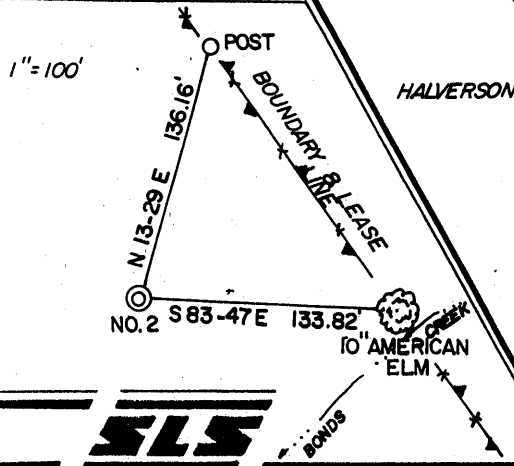


S. WEEKLEY LEASE
Jamie 4/12/90
WELL NO. 2

LATITUDE 39-20-00

131.83 ACRES ± TOTAL

REFERENCES



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 6, 19 90
 OPERATORS WELL NO. S. WEEKLEY NO. 2
 API WELL NO. 47 - 085 - 7934
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2287 (31-19)
 SCALE 1"=500'
 PROVEN SOURCE OF ELEVATION JUNCT OF ROADS ELEV. 813'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 811' WATERSHED BONDS CREEK st Marys SE
 DISTRICT CLAY 1 COUNTY RITCHIE QUADRANGLE ELLENBORO 7.5'
 SURFACE OWNER REBECCA ANN WEEKLEY ACREAGE 127.75 OF 131.83
 ROYALTY OWNER REBECCA ANN WEEKLEY LEASE ACREAGE 131.83
 PROPOSED WORK: LEASE NO. _____
 DRILL X 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 ALEXANDER
 ESTIMATED DEPTH 5600'

WELL OPERATOR PARDEE GAS CO. DESIGNATED AGENT WILLIAM CARPENTER
 ADDRESS PO BOX 4119 PARKERSBURG, WV. 26101 ADDRESS PO BOX 4119 PARKERSBURG, WV. 26101

6-6 Bonds Creek (1983)

RECEIVED
Division of Energy
JUL 30 90

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Permitting
Oil and Gas Section

Well Operator's Report of Well Work

Farm name: WEEKLEY, REBECCA ANN Operator Well No.: S. WEEKLEY #2

LOCATION: Elevation: 811.00 Quadrangle: ELLENBORO

District: CLAY County: RITCHIE
Latitude: 680 Feet South of 39 Deg. 20Min. 0 Sec.
Longitude 8300 Feet West of 81 Deg. 0 Min. 0 Sec.

Company: PARDEE GAS COMPANY

4001 COLLEGE PKY. P.O. BX 4119 | Casing | Used in | Left | Cement

PARKERSBURG, WV 26104-4119

Agent:

Inspector: SAMUEL HERSMAN
Permit Issued: 04/11/90
Well work Commenced: 4/15/90
Well work Completed: 5/1/90
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 4845
Fresh water depths (ft) 180'

& Tubing Size	Drilling	in Well	Fill Up Cu. Ft.
11 3/4	106	106	118 cuft
8 5/8	1704	1704	556 cuft
4 1/2	4751	4751	503 cuft

Salt water depths (ft) _____
1330

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4634-4640
Gas: Initial open flow 750 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 500 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 1550 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 A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PARDEE GAS COMPANY

AUG 6 1990

By: Lonnie C. [Signature]
Date: 7/25/90

S. Weekley #2

Benson Formation - Single Stage Frac

Shot 16 .39 holes from 4634 to 4640 and broke down with 500 gallons of 15% FE Acid at 873 lbs. Ran 50 sacks of 80/100 mesh sand and 350 sacks of 20/40 mesh sand at an average rate of 24.9 BPM. The average treating pressure was 2701 lbs. with and ISIP of 988 lbs. A total of 80,000 scf of Nitrogen was used as an assist.

Formation	Color	Hard/Soft	Top	Bottom	
Clay	Gray	Soft	0	15	
Sand	Gray	Hard	15	75	
RR		Soft	75	90	
Sand	Gray	Hard	90	130	
Sand	Gray	Hard	130	140	
Sand/shale	Red/Gray	Med	140	195	wet 180
Shale	Red	Med	195	215	
Sandy shale	Gray	Med	215	260	
Sand	White	Hard	260	390	
Shale	Gray	Med	390	625	
RR	Red	Soft	625	659	
Sand/shale	Red/Gray	Med	659	750	
Sand	Gray	Med	750	975	
Sandy shale	Red/Gray	Med	975	1330	
Sandy shale	Gray	Med	1330	1395	
Sandy	White	Hard	1395	1440	
Sandy shale	Gray	Med	1440	1615	
Little Lime	Gray	Hard	1615	1640	
Sand	White	Hard	1640	1655	
Big Lime	White	Hard	1655	1724	
Big Lime	White	Hard	1724	1820	
Sand/shale	Gray	Med	1820	2180	
Sand		Med	2180	2210	small gas 2190
Sand/shale		Med	2210	4038	
Shale	Gray/Brown	Soft	4038	4845	TD

8/12/01



1) Date: 4/10/90
2) Operator's well number
S. Weekley #2
3) API Well No: 47 - 085 - 7934
State - County - Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
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 Rebecca Ann Weekley
Address Ritchie County
Clay District
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Samuel Hersman
Address Rt. 1 Box 240
Harrisville, WV 26362
Telephone (304) - 628-3185

5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name N/A
Address _____
(c) Coal Lessee with Declaration
Name N/A
Address _____

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)
- ___ 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 Pardee Gas Company
By: Edwin [Signature]
Its: Field Supervisor
Address P. O. Box 4119
Parkersburg, WV 26104
Telephone 304-428-3471

Subscribed and sworn before me this 10th day of April, 19 90

Rebecca Ann Weekley Notary Public
My commission expires May 24, 1999