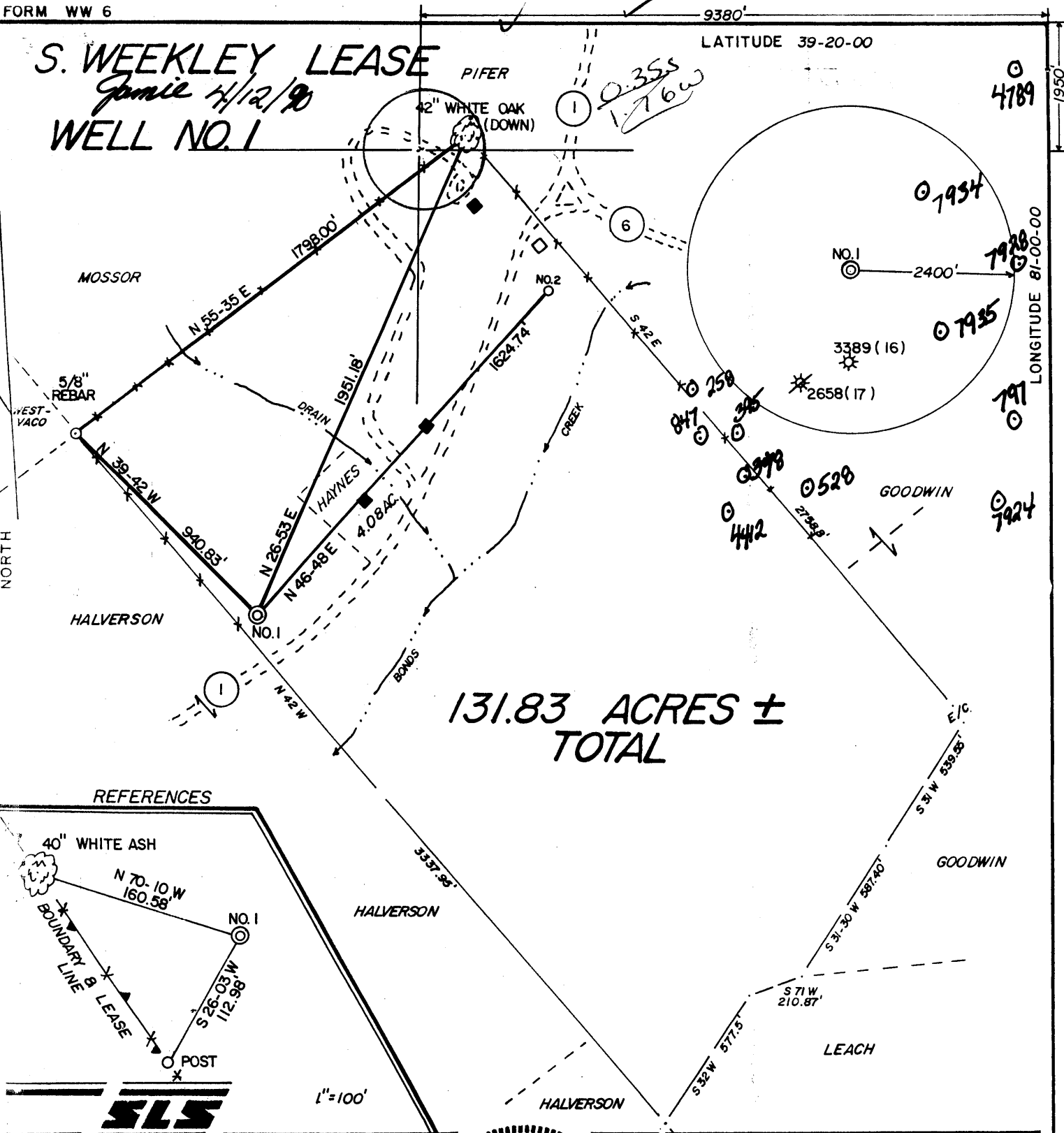


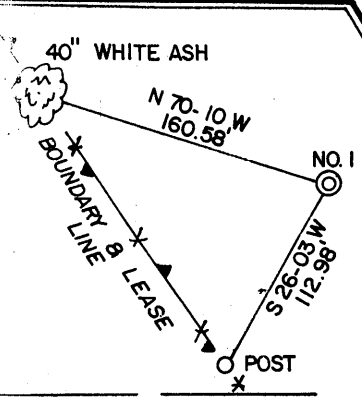
# S. WEEKLEY LEASE

*Janie 4/12/90*  
**WELL NO. 1**



## 131.83 ACRES ± TOTAL

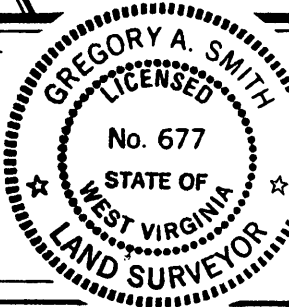
### REFERENCES



1"=100'

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.


L.L.S. Gregory A. Smith  
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE APRIL 6, 19 90  
 OPERATORS WELL NO. S. WEEKLEY NO. 1  
 API WELL NO. 47-085-7933  
 STATE COUNTY PERMIT

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

**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 861' WATERSHED BONDS CREEK St. Marys SE  
 DISTRICT CLAY 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 APR 10 1990  
 ADDRESS PO BOX 4119 PARKERSBURG, WV. 26101 ADDRESS PO BOX 4119 PARKERSBURG, WV. 26101

*Bonds Creek (No. 3)*

COUNTY NAME  
PERMIT

WR-35

**RECEIVED**  
Division of Energy

**JUL 30 90**

Permitting  
Oil and Gas Section

11-Apr-90  
API # 47- 85-07933

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

Well Operator's Report of Well Work

Farm name: WEEKLEY, REBECCA ANN Operator Well No.: S. WEEKLEY #1

LOCATION: Elevation: 861.00 Quadrangle: ELLENBORO

District: CLAY County: RITCHIE  
Latitude: 1950 Feet South of 39 Deg. 20Min. 0 Sec.  
Longitude 9380 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: 4/26/90  
Well work Completed: 5/21/90  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 4900  
Fresh water depths (ft) 100

& Tubing Size	Drilling	in Well	Fill Up Cu. Ft.
11 3/4	128'	128'	118 cuft
8 5/8	1792	1792	572 cuft
4 1/2	4785	4785	503 cuft

Salt water depths (ft) \_\_\_\_\_

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

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4684'-4688'  
Gas: Initial open flow 690 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 400 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 24 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 A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PARDEE GAS COMPANY

By: Charles M. Reeves AUG 6 1990  
Date: 6/1/90

S. Weekley #1

U C 10

Benson Formation - Water Sand Frac

Shot 16 .39 holes from 4684 to 4688. Broke formation down using 500 gallons of 15% FE Acid at a pressure of 1604 lbs. Ran 50 sacks of 80/100 mesh sand and 350 sacks of 20/40 mesh sand at an average rate of 26.9 BPM and an average treating pressure of 2446 lbs. ISIP was 1252 lbs. A total of 91,000 scf of Nitrogen was used to assist in Frac job.

Formation	Color	Hard/Soft	Top	Bottom	
shale	gray	soft	0	20	
sand	gray	hard	20	50	
shale	gray	med	50	90	water 100'
sand	gray	hard	90	115	
shale	gray	med	115	160	
RR	gray	soft	160	175	
shale	gray	med	175	300	
sand	gray	med	300	370	
sandy shale	gray	med	370	610	
sand	white	med	610	705	
sandy shale	gray	med	705	960	
sand/shale	gray	med	960	1120	
sand	white	med	1120	1260	
sand/shale	gray	med	1260	1650	
sand	white	hard	1650	1825	
lime	white	hard	1825	1860	
sand	gray	med	1860	2150	oil 1870
sand/shale	gray	med	2150	2700	
shale	gray	med	2700	4550	
sand	brown	med	4550	4710	
shale	gray	soft	4710	4900	

4687

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

- 1) Well Operator: Pardee Gas Company 36880 (1) 337
- 2) Operator's Well Number: S. Weekley #1 3) Elevation: 861
- 4) Well type: (a) Oil \_\_\_ / or Gas X /  
 (b) If Gas: Production \_\_\_ / Underground Storage \_\_\_ /  
 Deep \_\_\_ / Shallow X /
- 5) Proposed Target Formation(s): Benson. 425
- 6) Proposed Total Depth: 5500 feet
- 7) Approximate fresh water strata depths: 340', 210'
- 8) Approximate salt water depths: 1306'
- 9) Approximate coal seam depths: OK
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No X /
- 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	11 3/4			120'	120'	CTS
Fresh Water						
Coal						
Intermediate	8 5/8	ERW	23 lbs.	1740'	1740'	By rule 38 CSR 18-11.1-2.2
Production	4 1/2	ERW	10.5 lbs.	5500'	5500'	By rule 38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

**RECEIVED**  
 APR 11 1992  
 DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

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

**RECEIVED**  
APR 11 1990

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

- 1) Date: 4/10/90
- 2) Operator's well number  
S. Weekley #1
- 3) API Well No: 47 - 085 - 7933  
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 Rebecca Ann Weekley  
Address Ritchie County  
Clay District
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name N/A  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration  
Name N/A  
Address \_\_\_\_\_
  - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name N/A  
Address \_\_\_\_\_
- 6) Inspector Samuel Hersman  
Address Rt. 1 Box 240  
Harrisville, WV 26362  
Telephone (304)- 628-3185

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: *Edsel M. Davis*  
 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, 1990

*Samuel Hersman* Notary Public  
 My commission expires May 24, 1999