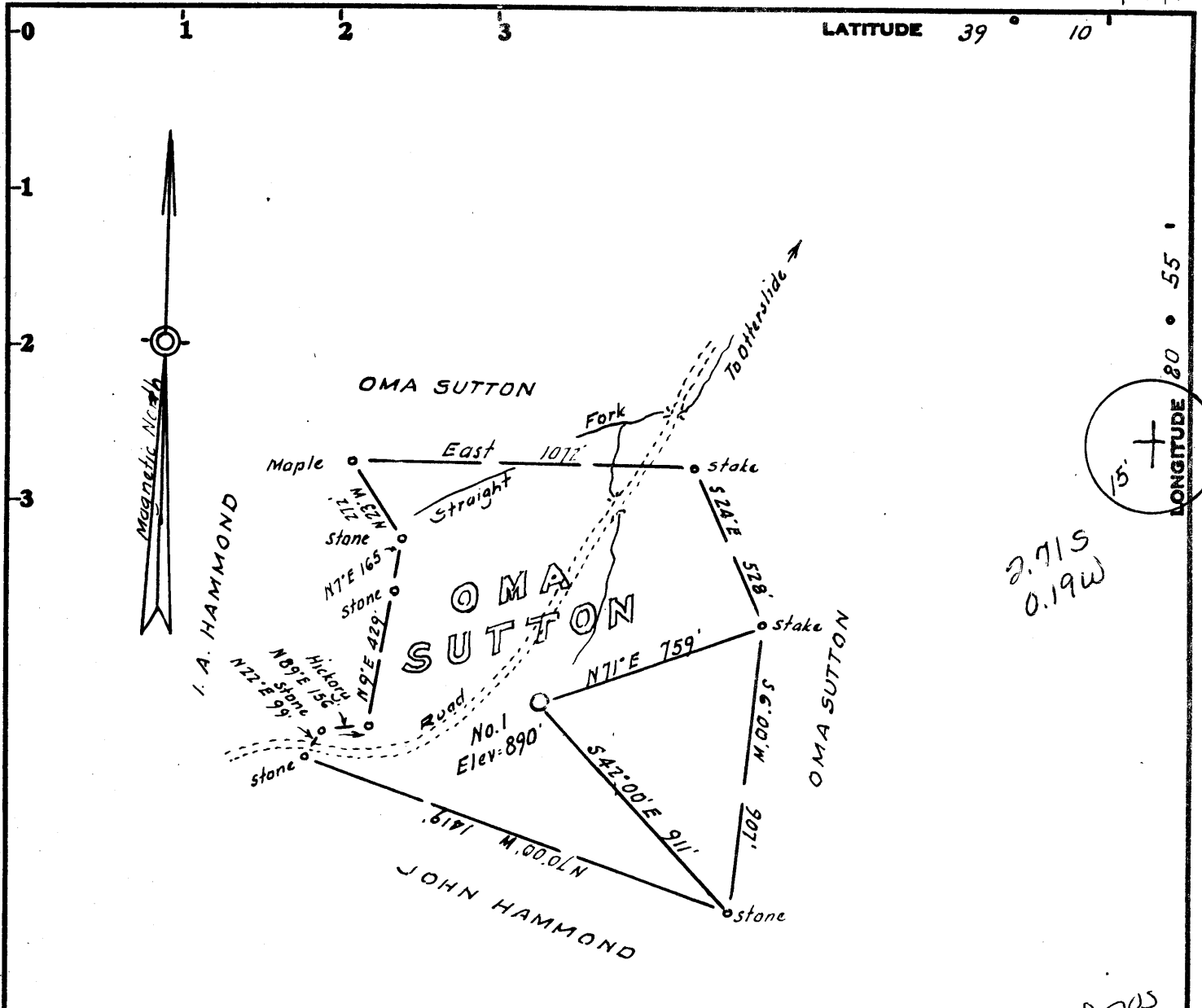


2/19/79



LONGITUDE 80° 55' 15"

2.715  
0.19W

2.705  
0.14

**LEGEND**

- Lines plotted from deed calls
- Surveyed Lines
- - - Roads
- Well Location

**OWNERSHIP**

Fee ownership is vested in  
Oma Sutton, whose postoffice  
address is Berea, W. Va.

Minimum Error of Closure 1 in 200

Source of Elevation USGS elevation 1 mile north of location = 770'

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]

Map No. \_\_\_\_\_

Squares: N S E W

Company FERRELL L. PRIOR  
 Address 717 Union Trust Bldg. Parkersburg, W. Va.  
 Farm Oma Sutton  
 Tract \_\_\_\_\_ Acres 21 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 890 WC  
 Quadrangle Pullman 7 1/2 Holbrook 15  
 County Ritchie District Union  
 Engineer [Signature]  
 Engineer's Registration No. 1227 LLS 200  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date January 5, 1979 Scale 1" = 500'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. 47-085-4237

+ Denotes location of well on United States Topographic Maps, scale 1 to <sup>24,000</sup>/<sub>62,500</sub>, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.



IV-35  
(Rev 8-81)

Date 4-22-1991  
Operator's \_\_\_\_\_  
Well No. One (1)  
Farm Sutton  
API No. 47 - 085 - 4237

State of West Virginia

Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil  / Gas  / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production  / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow  /)

LOCATION: Elevation: 890 Watershed Hughes River  
District: Union County Ritchie Quadrangle Pullman 7 1/2 Holbrook

COMPANY Solomon Production Corp.  
ADDRESS Star Route, Box 3, Pullman W. VA  
DESIGNATED AGENT John Umstead  
ADDRESS Star Route, Box 3, Pullman, WV  
SURFACE OWNER Nellie Sutton  
ADDRESS Berea, Wv  
MINERAL RIGHTS OWNER Nellie Sutton  
ADDRESS Berea, WV  
OIL AND GAS INSPECTOR FOR THIS WORK K. P. Goodknight ADDRESS Smithville, Wv.  
PERMIT ISSUED May 1979  
DRILLING COMMENCED June 14, 1979  
DRILLING COMPLETED June 19, 1979  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	240	240	To surface
7			
5 1/2			
4 1/2		2458	325 sks. cement
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Injun, Weir, & Berea Sand Depth 2270 feet  
Depth of completed well 2488 feet Rotary  / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh \_\_\_\_\_ feet; Salt \_\_\_\_\_ feet  
Coal seam depths: None Is coal being mined in the area? N/A

OPEN FLOW DATA

Producing formation Big Injun, Weir, & Berea Sand Pay zone depth Same as above feet

Gas: Initial open flow 35,000 Mcf/d Oil: Initial open flow: 2 bbl 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 250 psig (surface measurement) after \_\_\_\_\_ hours shut in  
(If applicable due to multiple completion--)

Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet

Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ hours

APR 26 1991

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforations            1994 to 2054    21 shots  
                              2273 to 2335    11 shots  
                              2431 to 2433    9 shots

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	INCLUDING OF ALL FRESH AND SALT WATER, COAL, OIL AND GAS
No Record	0	1700	
Shale	1700	1804	
Sand	1804	1892	
Shale	1892	1954	
Big Injun Sand	1954	2076	
Shale	2076	2270	
Weir	2270	2338	
Shale	2338	2430	
Berea Sand	2430	2435	
Shale	2435	2488	
		Total	Depth

Solomon Production Corp.  
 WELL OPERATOR

BY: John R. Umstead  
 DATE: 4-22-91

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. One (1)  
API Well No. 47 - 085 - 4237  
State County Permit

WELL TYPE: Oil X / Gas X /  
(If "Gas", Production \_\_\_ / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 890 Watershed: Hughes River System  
District: Union County: Ritchie Quadrangle: Pullman 7.5

WELL OPERATOR Ferrell L. Prior  
Address 717 Union Trust Bldg.  
Parkersburg, WV 26101

DESIGNATED AGENT Vearl Summers  
Address P.O. Box 1486  
Parkersburg, WV 26101

OIL & GAS ROYALTY OWNER Oma Sutton  
Address Route 1, Box 72  
Berea, WV 26327

COAL OPERATOR N/A  
Address \_\_\_\_\_

Acreage 21

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Oma Sutton  
Address Route 1, Box 72  
Berea, WV 26327  
Acreage 21

Name N/A  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
Name Unknown at Present  
Address \_\_\_\_\_

Name N/A  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name K. P. Goodnight  
Address Smithville, WV 26178  
Tele - 477-3660

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
**RECEIVED**  
FEB 15 1979

**OIL & GAS DIVISION  
DEPT. OF MINES**

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease X / other contract \_\_\_ / dated February 21, 19 78, to the undersigned well operator from Oma Sutton.

[If said deed, lease, or other contract has been recorded:]  
Recorded on February 27, 1978, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 124 at page 708. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate \_\_\_ /  
Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

**BLANKET BOND**

Ferrell L. Prior  
Well Operator  
By \_\_\_\_\_

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION.

DRILLING CONTRACTOR (IF KNOWN) \_\_\_\_\_ Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, Berea Sandstone

Estimated depth of completed well, 2500 feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh, 100 feet; salt,      feet.

Approximate coal seam depths: N/A Is coal being mined in the area? Yes      / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water								
Coal	N/A							Sizes
Intermediate	8-5/8	CW-J55	28	X		230	230	Do Surface
Production	4-1/2	CW-J55	10	X		2500	2500	
Tubing	2	Seamless	4	X			2500	
Liners								Perforations:
								Top 1950 Bottom 2450

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-20-79.

*Robert H. [Signature]*

The Deputy Director of Oil & Gas Division completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: FEBRUARY 14, 1979

By Farrell Duor  
Its \_\_\_\_\_