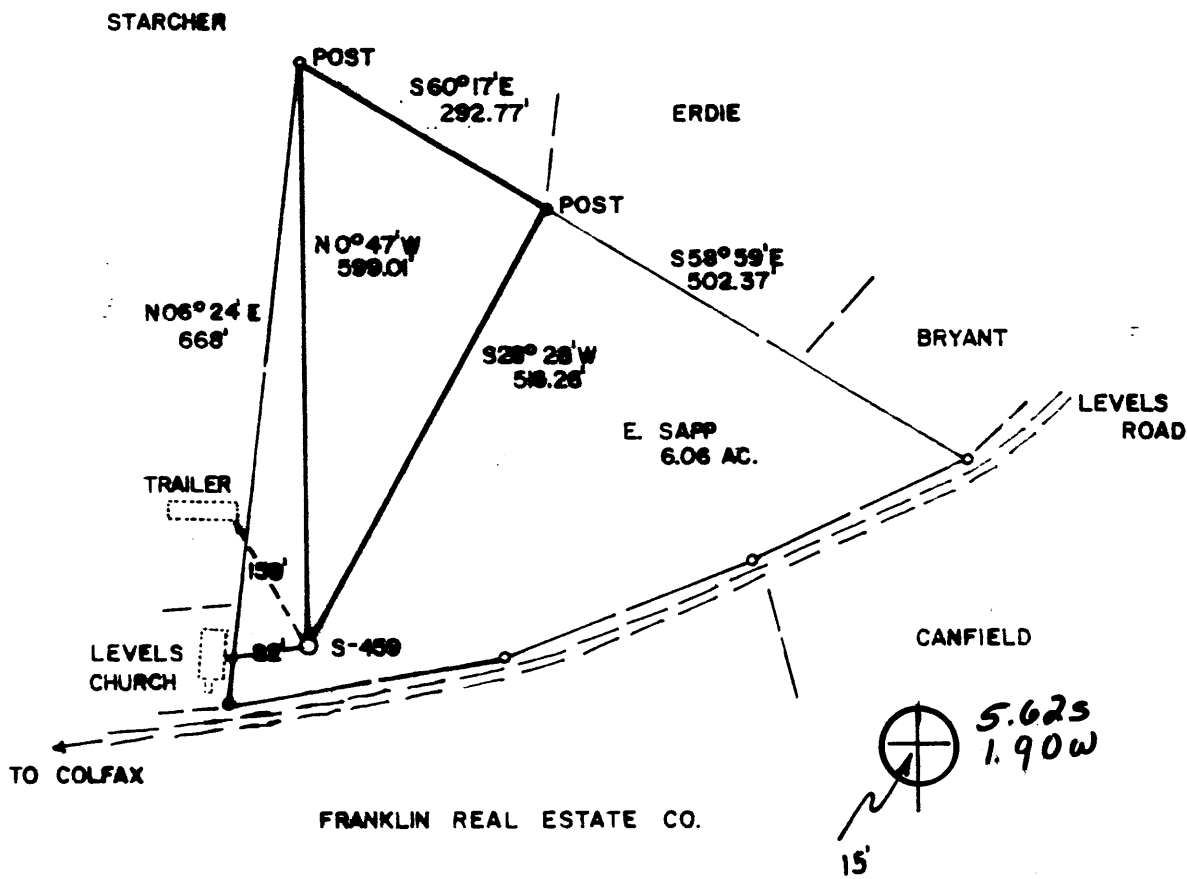


NORTH



NO WELLS WITHIN 1200'

LAND SURVEYING SERVICES
RT. 2, BOX 215E
JANE LEW, WV 26378
304-748-4428

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 in 2500
 PROVEN SOURCE OF ELEVATION ROAD INTER. 1950'
N.E. OF LOCATION ELEV. 1161'

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 MINES.

(SIGNED) Stephen D. Losh
 R.P.E. _____ L.L.S. 626



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE AUGUST 15, 19 85
 OPERATOR'S WELL NO. SAPP NO. 1
 API WELL NO. S-459
47 - 049 - 0761
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1121' WATER SHED GOOSE CREEK
 DISTRICT UNION COUNTY MARION
 QUADRANGLE FAIRMONT EAST 7.5 min. Fairmont 15' NC
 SURFACE OWNER EUGENE SAPP ACREAGE 6.06 AC.
 OIL & GAS ROYALTY OWNER EUGENE SAPP LEASE ACREAGE 6.06 AC.
 LEASE NO. 1843
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION 4th SAND ESTIMATED DEPTH 2200'
 WELL OPERATOR JAMES E. SCOTT DESIGNATED AGENT DARREL WRIGHT
 ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112
SALEM, WV 26426 SALEM, WV 26426

RECEIVED

NOV 14 1983



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia Department of Mines Oil and Gas Division

Date November 4, 1983 Operator's Well No. S-459 Farm Eugene Sapp API No. 47 - 049 - 0761

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1121 Watershed Goose Creek District: Union County Marion Quadrangle Fairmont East

COMPANY James F. Scott ADDRESS P. O. Box 112, Salem, WV 26426 DESIGNATED AGENT Darrel Wright ADDRESS P. O. Box 112, Salem, WV 26426 SURFACE OWNER Eugene Sapp ADDRESS Route 4, Fairmont, WV 26554 MINERAL RIGHTS OWNER Eugene Sapp ADDRESS Route 4, Fairmont, WV 26554 OIL AND GAS INSPECTOR FOR THIS WORK William Blosser ADDRESS Route 4, Fairmont, WV PERMIT ISSUED 9/1/83 DRILLING COMMENCED 9/1/83 DRILLING COMPLETED 9/3/83 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION 4th Sand Depth feet Depth of completed well 2000' feet Rotary / Cable Tools Water strata depth: Fresh feet; Salt feet Coal seam depths: 55-57, 120-123 Is coal being mined in the area? yes

OPEN FLOW DATA

Producing formation 4th Sand Pay zone depth 1852-1867 feet Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d Final open flow 822 Mcf/d Final open flow Bbl/d Time of open flow between initial and final tests 4 hours Static rock pressure 750 psig (surface measurement) after 72 hours shut in (If applicable due to multiple completion--)

NOV 28 1983

(Continue on reverse side)

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

4th Sand Perf: 1852-1867 Sand 80/100 100 sks Fluid: 474 bbl.
20/40 400 sks

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fre and salt water, coal, oil and c
Sandstone			0	20	
Silt			20	55	
Coal			55	57	
Shale			57	103	
Sandstone			103	120	
Coal			120	123	
Shale			123	159	
Sandstone			159	169	
Shale			169	194	
Sandstone			194	255	
Shale			255	332	
Sandstone			332	357	
Shale			357	372	
Sandstone			372	423	
Shale			423	426	
Sandstone			426	465	
Shale			465	472	
Sandstone			472	550	
Shale			550	800	
Little Lime			800	810	
Shale			810	822	
Big Lime			822	922	
Shale			922	945	
Sandstone			945	1022	
Shale			1022	1422	
Sandstone			1422	1518	
Shale			1518	1709	
Sandstone			1709	1727	
Shale			1727	1852	
<u>4th Sand</u>			1852	1894	
Shale			1894	1920	
Sandstone			1920	1975	
Shale			1975	<u>2024TD</u>	

(Attach separate sheets as necessary)

James F. Scott

Well Operator

By:

James F. Scott

Date: November 4, 1983

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including



1) Date: August 22, 19 83
 2) Operator's Well No. S-459 Eugene Sapp
 3) API Well No. 47 - 049 - 0761

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

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OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil Gas / B (If "Gas", Production / Underground storage Deep Oil & Gas)
- 5) LOCATION: Elevation: 1121 Watershed: Goose Creek DEPT. OF MINES
 District: Union County: Marion Quadrangle: Fairmont East
- 6) WELL OPERATOR James F. Scott 11) DESIGNATED AGENT Darrel Wright
 Address P. O. Box 112 Address P. O. Box 112
 Salem, WV 26426 Salem, WV 26426
- 7) OIL & GAS ROYALTY OWNER Eugene Sapp 12) COAL OPERATOR
 Address Route 4, Box 217 Address
 Fairmont, WV 26554
- 8) SURFACE OWNER Eugene Sapp 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Route 4, Box 217 Name Hillman Coal & Coke Co.
 Fairmont, WV 26554 Address 1900 Grant Building
 Pittsburgh, PA
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name William Blosser Name Southern Ohio Coal Company
 Address Route 4, Box 317 Address P. O. Box 552
 Fairmont, WV 26564 Fairmont, WV
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, 4th sand
- 17) Estimated depth of completed well, 2200 feet
- 18) Approximate water strata depths: Fresh, feet; salt, feet.
- 19) Approximate coal seam depths: Is coal being mined in the area? Yes No

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20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	New	Used	For drilling		
Conductor	11 3/4					30'		Kinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8					500'	to surface	By Rule 15.05
Production	4 1/2					2000'	150 sks	Depth set OR AS REQ by Rule 15.01
Tubing								Perforations:
Liners								Top Bottom

- 21) EXTRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) 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.
- Notary: Darrel Wright Signed: James F. Scott
 My Commission Expires June 30, 1990 Its: Owner/Operator

OFFICE USE ONLY
 DRILLING PERMIT

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires September 1, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: BB	Agent: [Signature]	Plat: [Signature]	Casing: [Signature]	Fee: [Signature]
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[Signature]
 Administrator, Office of Oil and Gas