

Stake & Road, which is $S24\frac{1}{2}^{\circ}W-18^{\circ}45'$ from Fence corner by large rock.

Stake & Road which is $S22^{\circ}30'W$ from a large Pine by road, in fence line.

CERTIFICATE

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.

Minimum degree of accuracy is one part in 200
 Signed *William D. Smith* L.L.S. No. 116

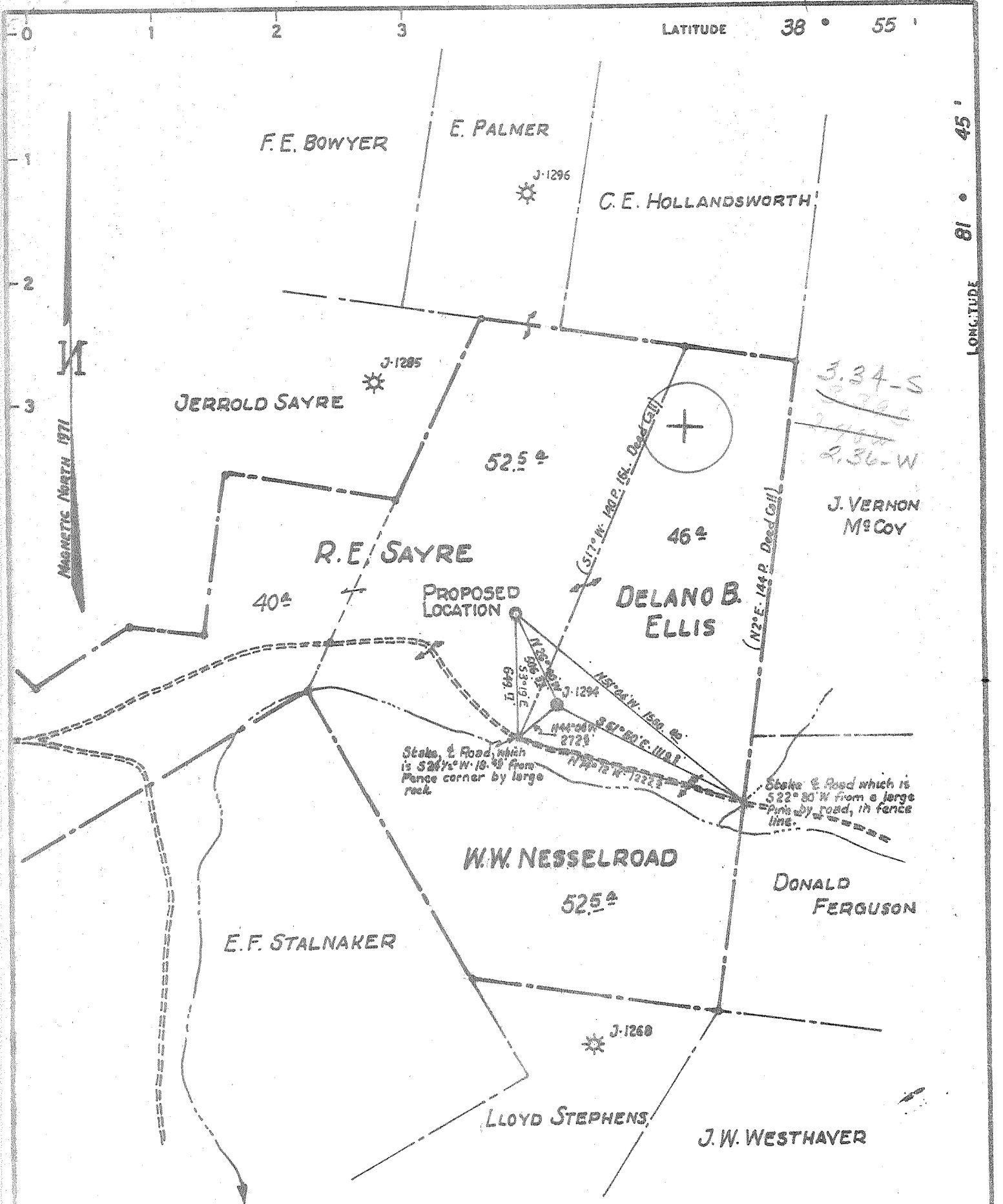
- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT issued 2/21/75 (N.B. No. III Pg 9)

COMPANY CARL E. SMITH INCORPORATED
 ADDRESS P.O. BOX 4 SANDYVILLE, W.VA. 25275
 FARM R.E. SAYRE ETAL
 MAP _____ ACRES 250Ac. UNIT LEASE NO 2515
 WELL (FARM) NO. 2 ON UNIT SERIAL NO _____
 ELEVATION (SPIRIT LEVEL) 747.9'
 QUADRANGLE RAVENSWOOD SE. EC
 COUNTY JACKSON DISTRICT UNION
 POINT OF PROVEN ELEVATION U.S.G.S. BM No. 4108 Elev. 729

FILE NO _____ DRAWING NO _____
 DATE JULY 22, 1971 SCALE 1" = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO dac-1301-P

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500 LATITUDE AND LONGITUDE LINE BEING REPRESENTED BY BORDER LINES AS SHOWN
 DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.



CERTIFICATE

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 Minimum degree of accuracy is one part in 200

Signed William A. Smith, L.L.S. No. 116

(N.B. No. III Pg. 9)

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY	<u>CARL E. SMITH INCORPORATED</u>		
ADDRESS	<u>P.O. BOX 4 SANDYVILLE, W.VA. 25275</u>		
FARM	<u>R.E. SAYRE ETAL</u>		
MAP	ACRES <u>250 Ac. UNIT</u>	LEASE NO.	<u>2515</u>
WELL (FARM) NO.	<u>2 ON UNIT</u>	SERIAL NO.	
ELEVATION (SPIRIT LEVEL)	<u>747.9'</u>		
QUADRANGLE	<u>RAVENSWOOD S.E.C.</u>		
COUNTY	<u>JACKSON</u>	DISTRICT	<u>UNION</u>
POINT OF PROVEN ELEVATION	<u>U.S.G.S. BM No. H108 Elev. 729</u>		
FILE NO.	DRAWING NO.		
DATE	<u>JULY 22, 1971</u>		
	SCALE	<u>1" = 660'</u>	

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. JAC-1301

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1 TO 62 500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING

G-6 AUG 3 1971 JUL 23 1971 Ripley North (342) Deep Well (Newburg)



RECEIVED
SEP 29 1971

OIL & GAS DIVISION
STATE OF WEST VIRGINIA
DEPT. OF MINES
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well Gas (KIND)

39-00
6-33

Quadrangle Ravenswood S.E.

Permit No. JAC-1301

WELL RECORD

Company Carl E. Smith Inc.
Address Sandyville, W. Va.
Farm R. E. Sayre Acres 250.
Location (waters) Log Lick Run
Well No. 2 Elev. 748.9
District Union County Jackson
The surface of tract is owned in fee by R. E. Sayre
Address Cottageville, WVa.
Mineral rights are owned by Same
Address _____
Drilling commenced 7/26/71
Drilling completed 8/11/71
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 1,000 MCF Cu. Ft.
Rock Pressure 1500 lbs. 2 1/2 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) 8/19/71 15,000 gal My-T-Frac Gel, 500 Gal MCA acid, 25,000 lb 20/40 sand
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 2,000 MCF
ROCK PRESSURE AFTER TREATMENT 1500 HOURS 2 1/2
Fresh Water 100 Feet Salt Water 1950 Feet
Producing Sand Newberg Depth 5214

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13 3/8"	121	121	
10			Size of
8 1/4"	2322	2322	
6 5/8"			Depth set
5 3/16"	5181	5181	
4 1/2"			
3			Perf. top
2	5225	5225	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 2,000 MCF
ROCK PRESSURE AFTER TREATMENT 1500 HOURS 2 1/2
Fresh Water 100 Feet Salt Water 1950 Feet
Producing Sand Newberg Depth 5214

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	121	Water	100	
Shale			121	580			
Shale/Sand			580	1080			
Shale			1080	1300			
Shale/Sand			1300	1660			
Shale			1660	1715			
Shale/Sand			1715	1739			
Shale - Big lime?			1739	1785			
Shale/Sand			1785	1830			
Shale - Inj. am?			1830	1880			
Shale/Shale			1880	2010	Water	1950	
Shale			2010	2060			
Shale/Shale			2060	2279			
Shale			2279=	2282			
Shale			2282	4462			
Coniferous Lime - 463 plus - DRISKANY, HENDERBERG, SALINA			4462	5185			
Shale			5185	5214			
Newberg			5214	5218	Gas		
Shale - Mc Kenzie			5219 1/2	5238			TD

CEMENT RECORD 545

7/27/71	Well Service	13 3/8"	100 bags
8/1/71	Well Service	8 5/8"	450 bags
8/6/71	Halliburton	5 1/2"	100 bags

P.I. cards indicate Newberg begins @ 5204'