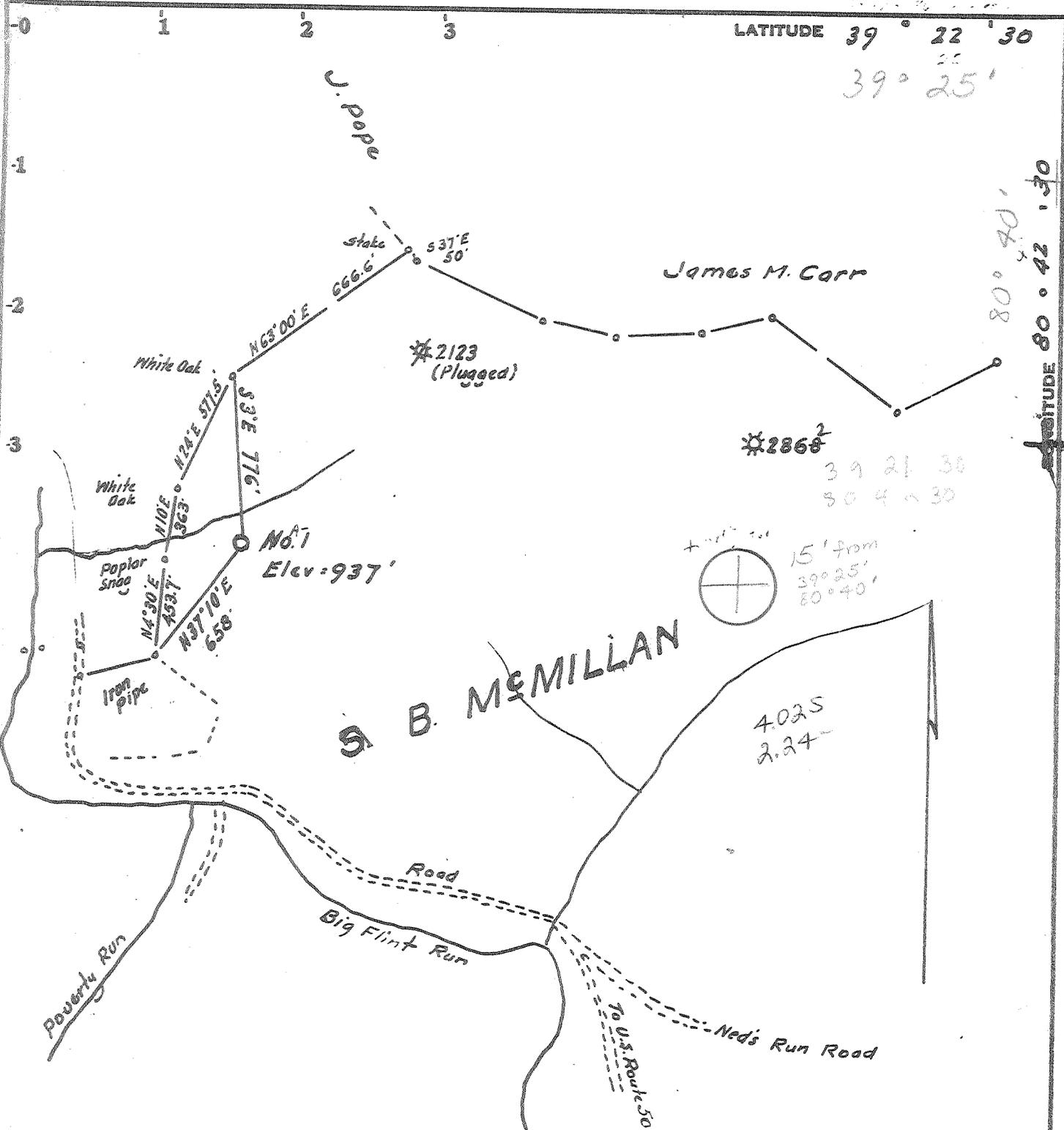


200



LATITUDE 39° 22' 30"
39° 25'

LONGITUDE 80° 42' 30"

6,100

7 1/2

2868
39 21 30
80 42 30

15' from
39° 25'
80° 40'

4025
2.24

Minimum Error of Closure 1 in 200'

Source of Elevation USGS elev. at mouth of Poverty =

- 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: W. S. Hoet
Squares: N S E W

Company Scott Enterprises
 Address Salam, W. Va
 Farm S. B. McMillan
 Tract _____ Acres 907 Lease No. _____
 Well (Farm) No. A-1 Serial No. _____
 Elevation (Spirit Level) 937 WC
 Quadrangle Smithburg 7 1/2 Center point 15'
 County Doddridge District Grant
 Engineer W. S. Hoet
 Engineer's Registration No. 1227
 File No. _____ Drawing No. 103-27
 Date Aug 9, 1976 Scale 1" = 40p = 660'

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

WELL LOCATION MAP

FILE NO. Dodd-1826

+ Denotes location of well on United States Topographic Maps, scale 1 to _____, latitude and longitude lines being represented by border lines as shown.

AUG 23 1976

— Denotes one inch spaces on border line of original tracing. 47-017

5130' Benson

6-6 Smithburg Flint - Switzer Flint Run (29)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Smithburg

Permit No. DODD-1826

Rotary X Oil _____
Cable _____ Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Scott Enterprises, Inc.
Address P.O. 112, Salem, WV 26426
Farm S.B. McMillan Acres 907
Location (waters) Big Flint
Well No. A-1 S-193 Elev. 937'
District Grant County Doddridge

The surface of tract is owned in fee by
Charles Michael & D. Spurlock

Address West Union, WV 26456

Mineral rights are owned by O.C. Haught
Address Rt. 1, Salem, WV

Drilling Commenced 8-19-76

Drilling Completed 8-24-76

Initial open flow Show gas cu. ft. _____ bbls.

Final production 839 M cu. ft. per day _____ bbls.

Well open 24 hrs. before test 750 RP.

Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	1175'	1175	300
7			
5 1/2			
4 1/2	5136	5136	780
3			
2			
Liners Used			

Attach copy of cementing record.

Frac with 1500 gal. acid and 75,000 lbs. sand.

Coal was encountered at 190' Feet _____ Inches _____
Fresh water 195 Feet _____ Salt Water 1010 Feet _____
Producing Sand MAXTON, BIG INJUN & BENSON Depth 1766, 2030 & 5060

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top soil			0	10		
Redrock & shale			10	190		
Coal			190	200		
Redrock & shale			200	380		
Sand & shale			380	510		
Shale			510	700		
Sand			700	820		
Redrock & shale			820	890		
Sand & shale			890	1320		
Sand			1320	1955		perf. 1761-71 Maxton
Lime			- 1955	2035		
Sand & lime			2035	2090		.. 2028-2101 Big Injun
Shale			2090	2180		
Sand & shale			2180	2290		
Sand			2290	2340		
Shale (Berca 2494-2515)			2340	4950		
Sand			4950	5058		
Benson			- 5058	5062		perf. 5058-62 Benson
Shale			5062	5147		
T D				5147		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 12 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE August 11, 1976
Company Scott Enterprises, Inc.
Address P.O. Box 112, Salem, WV 26426
Farm S.B. McMillan Acres 907
Location (waters) Big Flint
Well No. A-1 Elevation 937
District Grant County Doddridge
Quadrangle Smithburg

Surface Owner Charles Michael & D. Spurlock
Address West Union, WV 26456
Mineral Owner O. C. Haught
Address Route 1, Salem, WV 26426
Coal Owner Charles Michael & D. Spurlock
Address West Union, WV 26456
Coal Operator None
Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 27 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-12-76.

Robert H. Hoar
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
PH: 622-3871 ADDRESS Clarksburg, W. Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated July 14 1909 by S. B. McMillan made to Carter Oil Company and recorded on the _____ day of _____ 19____, in Doddridge County, Book 25 Page 354

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505

Address
of
Well Operator

Very truly yours,
(Sign Name) By James F. Scott
Well Operator
SCOTT ENTERPRISES, INC.
P. O. Box 112
Street
Salem
City or Town
West Virginia 26426
State

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

DODD-1826

PERMIT NUMBER

47-017

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack Drilling Company NAME Scott Enterprises, Inc.
 ADDRESS P.O. Box 48, Buckhannon, WV ADDRESS P.O. Box 112, Salem, WV 26426
 TELEPHONE 472-2161 TELEPHONE 782-2523
 ESTIMATED DEPTH OF COMPLETED WELL: 5130' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	995	995	215
7			
5 1/2			
4 1/2	5130	5130	120
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 955 _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title