

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 to one part in 200

Signed Frank J. Barker 665289

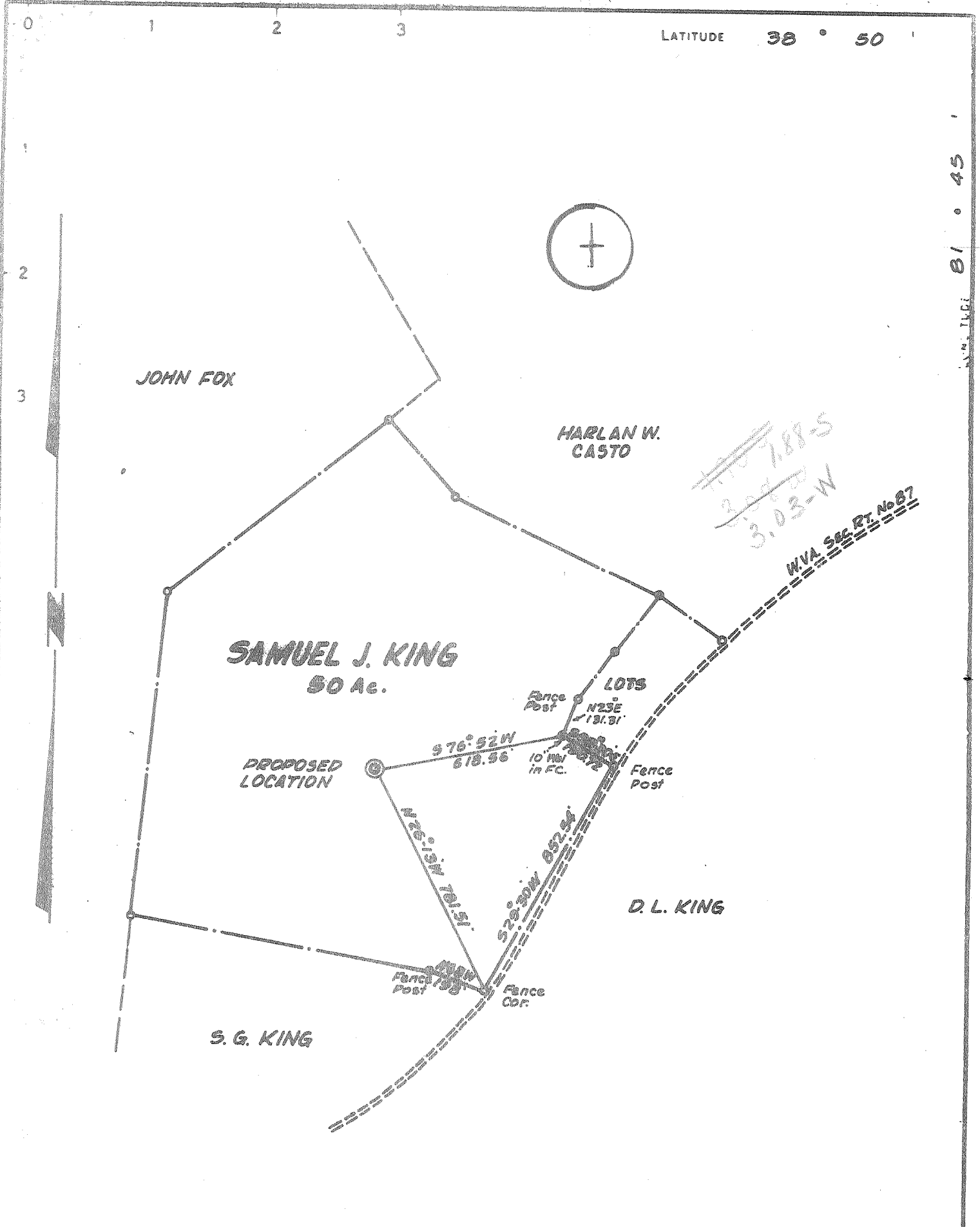
- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT - 5-18-73

COMPANY CARL E. SMITH INC.
 ADDRESS SANDYVILLE, W.VA.
 FARM SAMUEL J. KING
 MAP ACRES 90 LEASE NO _____
 WELL (FARM) NO 1 SERIAL NO 80
 ELEVATION (SPIRIT LEVEL) 853.7
 QUADRANGLE RAVENSWOOD SE
 COUNTY JACKSON DISTRICT UNION
 POINT OF PROVEN ELEVATION USCG BM AT INTERSECTION OF WVA. SEC. RT. #87 & PARCHMENT VALLEY ROAD EL. 611
 FILE NO _____ DRAWING NO _____
 DATE APRIL 24, 1973 SCALE 1" = 400 FT.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO JAC-1360-P

↑ 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

41-035
 DENOTES ONE INCH SPACES ON DOTTED LINE OF ORIGINAL TRACING



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- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY CARL E. SMITH INC.
 ADDRESS SANDYVILLE, W.VA.
 FARM SAMUEL J. KING
 MAP _____ ACRES 50 LEASE NO _____
 WELL (FAH) NO 1 SERIAL NO 80
 ELEVATION (SPIRIT LEVEL) 833.7
 GUARDRANGE RAVENSWOOD 3E
 COUNTY JACKSON DISTRICT UNION - 38
 POINT OF PROVER ELEVATION USCG BM AT INTERSECTION OF WVA. SEC. RT. #87 & PARCHMENT VALLEY ROAD EL. 671
 FILE NO _____ DRAWING NO _____
 DATE APRIL 24, 1973 SCALE 1" = 400 FT.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO JAC-1360

→ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS SCALE 1" TO 62 500 LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY DOTTED LINES AS SHOWN
 SQUARES ONE INCH SPACES ON DOTTED LINE OF ORIGINAL TRACKING

71-035

D 6-0 Providence (359) Deep Well MAY 7 1973 (Orisk)



RECEIVED

MAY 28 1973

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS

OIL & GAS DIVISION DEPT. OF MINES

- Rotary
- Spudder
- Cable Tools
- Storage

WELL RECORD

Oil or Gas Well

Dry (KIND)

Quadrat: Ravenwood S. E.

Well No. Jac: 1360

Company: Carl E. Smith, Inc.
 Address: P. O. Box 4, Sandyville, W. VA.
 Farm: Samuel J. King Acres 50
 Location (waters): Isaacs Run of Mill Creek
 Well No. # 1 Serial No. 80 Elev. 834
 District: Union County: Jackson
 The surface of tract is owned in fee by: Samuel J. King
 Route 1, Address: Evans, W. Va.
 Mineral rights are owned by: Same
 Address: Same
 Drilling commenced: 5-4-73
 Drilling completed: 5-18-73
 Date Shot: From: To:
 With:
 Open Flow /10ths Water in: Inch
 Dry /10ths Merc. in: Inch
 Volume: Cu. Ft.
 Rock Pressure: lbs. hrs.
 Oil: bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS):
 WELL FRACTURE (DETAILS):

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
# 14	200	200'	
10			Size of
8 5/8	2505	1565'	
6 3/4			Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED 8 5/8 SIZE No. Ft. 5-5-73 5-12-73 Date
 Amount of cement used (bags): 105 sks. 200 sks.
 Name of Service Co. Carl E. Smith, Inc.
 COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT OF TREATMENT (Initial open Flow or bbls.)
 OIL PRODUCTION AFTER TREATMENT: HOURS
 Fresh Water: Feet Salt Water: Feet
 Producing Sand: Oriskany Dry Depth: 4934'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	40			
Shale			40	269			
Grey Shale			269	440			
Shale			440	700			
Shale & Sand			700	940			
Shale			940	1264			
Shale & Sand			1264	1360			
Shale			1360	1475			
Shale & Sand			1475	1750			
Sand			1750	1800			
Shale			1800	1850			
Shale			1850	1990			
Shale			1990	2435			
Berea Sandstone			2435	2448			
Shale			2448	4614			
Oriskany Sandstone			4614	4710			
Oriskany Sandstone			4710	4730			
Lime - Helderberg			4730	4934			(Dry)

(over)

JUN 4 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
APR 25 1973
OIL & GAS DIVISION
DEPT. OF MINES

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

DATE April 24, 1973

Surface Owner Sammal J. King
Address Route 1, Evans, West Virginia
Mineral Owner Same
Address "
Coal Owner "
Address "
Coal Operator None
Address None

Company Carl E. Smith, Inc.
Address P. O. Box 4, Sandyville, W. Va.
Farm Sammal J. King Acres 50
Location (waters) Isaacs Run of Mill Creek
Well No. #1 Serial No. 80 Elevation 833.7'
District Union County Jackson
Quadrangle Ravenswood S.P.

THIS PERMIT MUST BE POSTED AT THE WELL SITE
All provisions being in accordance with Section 3 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 8/25/73.

INSPECTOR TO BE NOTIFIED Mr. Fred Burdette
Box 190 PH: 984-9263

Cicerone Pt.
Dissonville, W. Va.
25504

Robert L. Todd
Deputy Director - Oil & Gas Division

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 June 8 1972 by Sammal King made to Carl E. Smith, Inc. and recorded on the 9 day of June 1972, in Jackson County, Book 121 Page 498

X 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 8 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.

Very truly yours, Carl E. Smith, Inc.
(Sign Name) Paul W. Jones
Well Operator LAND MGR.

Address of Well Operator

P. O. Box 4
Street

Sandyville
City or Town

West Virginia
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 reserving 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

Jac-1360

PERMIT NUMBER Survey

47-035-1360

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

DRILLER WORK ORDER TO _____ WELL _____ OPERATOR _____ TRAINING _____
 BILLING CONTRACTOR: (If known) _____ LOCAL SITE ADMIT. _____
 NAME Carl E. Smith, Inc. NAME Carl E. Smith
 ADDRESS P. O. Box 4, Sandsville, W. Va. ADDRESS SEB
 TELEPHONE 278-4261 TELEPHONE 278-4261
 ESTIMATED DEPTH OF COMPLETED WELL: 4600' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Crinoid
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TEMPERATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 13 3/8	60'	60'	150 bags
9 - 5/8			
8 - 5/8 8 5/8	2350'	2350'	400 bags
7			
5 3/8			
4 1/2	4600'	4600'	100 bags
3			Perf. Top
2			Perf. Bottom
Airline			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 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 the 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