



CERTIFICATE

- NEW LOCATION
- RECONDITION
- 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."
 Minimum degree of accuracy is one part in 200

Signed Harry L. Berger, Jr. L.L.S. 248

N.B. H-1, PG.47

COMPANY	NATIONAL PETROLEUM CORPORATION		
ADDRESS	6161 BUSCH BLVD., COLUMBUS, OHIO 43229		
FARM	FRANK WEST, ET. AL.		
MAP	OV-26	ACRES	273.31 UNIT LEASE NO. 3495
WELL (FARM) NO.	1	SERIAL NO.	
ELEVATION (SPIRIT LEVEL)	592.5'		
QUADRANGLE	RAVENSWOOD N.E. EC		
COUNTY	JACKSON	DISTRICT	RAVENSWOOD
POINT OF PROVEN ELEVATION	U.S.G.S. DATA AT ROAD INTERSECTION SHOWN ABOVE - ELEV. 601'		
FILE NO.		DRAWING NO.	
DATE	JULY 26, 1971	SCALE	1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. JAC-1302

✦ 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.

6-6 AUG 6 1971 Groundhog Creek SE (342)

Deep Well
 (Newburg)

39-0
16-4



RECEIVED
OCT 27 1971

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

OIL & GAS DIVISION
DEPT. OF MINES
Rotary
Spudder
Cable Tools
Storage

C. NOLL

Ravenswood

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. JAC 1302

Company National Petroleum Corporation
Address 6161 Busch Blvd., Columbus, Ohio
Farm Frank West, et al Acres 273.31
Location (waters) Cedar Run unit
Well No. 1 Elev. 593'
District Ravenswood County Jackson
The surface of tract is owned in fee by Frank West, et al
Address Ravenswood, W. Va.
Mineral rights are owned by Same

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	90'	90'	
10			Size of
8 5/8	2061'	2061'	
6 3/4			Depth set
5 1/2	4985'	4985'	
4 1/2			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Drilling commenced 8 - 6 - 71
Drilling completed 8 - 26 - 71
Date Shot -- From -- To --

Attach copy of cementing record.
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags) (see below)
Name of Service Co.
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 3,000,000 Cu. Ft.
Rock Pressure 1375 lbs. 24 hrs.
Oil bbls. 1st 24 hrs.

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 800 bbl. water 28000 # 20-40 sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 9,000,000 cu. ft.
ROCK PRESSURE AFTER TREATMENT 1375 HOURS 24
Fresh Water 30' Feet 70' Feet 1160 Feet
Producing Sand Newburg Depth 5012 - 21

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
All Measurements from KB Elevation 607'							
Sand & Shale			0	1454			
Big Lime			1454	1583			
Liney Sand			1583	1675			
Shale & Shells			1675	2010			
Bera Sand			2010	2016			
Shale			2016	4244			
Corniferous	463		4244	4331			
Oriskany			4331	4334			
Lime & Dolomite & Anhydrite	HELDEBERG & SALINA		4334	5012			
Newburg			5012	5021	Gas TD		
Dolomite	McKENZIE		5021	5035			
All cementing by Halliburton							
			13 3/8	- 100 sacks			
			8 5/8	- 460 sacks			
			5 1/2	- 150 sacks			

P.I card indicates gas interval @ 5014 to 5017