

LATITUDE 39° 35'

LONGITUDE 79° 50'

2.45-5  
2.48-5  
+ 38 W  
136-10

O. D. DEEVERS

G. A. DAVIS, EST

FRANCIS E. BLOSSER

Edith Goldie Powley

MARY J. WHITE, ET AL

POWLEY A-1

JOHN A. ZINN, ET AL

BORN A-2

U.S.G.S. BM 22 SKS  
1956 Elev. 2196'

- PERIMETER -

- |                        |                         |
|------------------------|-------------------------|
| 1. N 23° 15' E 1027.3' | 8. N 43° 47' W 297'     |
| 2. N 16° 32' W 596'    | 9. S 84° 13' W 264'     |
| 3. N 44° 47' W 198'    | 10. N 88° 47' W 462'    |
| 4. N 88° 13' E 165'    | 11. S 11° 42' W 777.2'  |
| 5. N 72° 47' W 165'    | 12. S 53° 54' W 160.4'  |
| 6. S 70° 43' W 132'    | 13. S 49° 28' W 552.1'  |
| 7. S 60° 13' W 99'     | 14. S 71° 47' E 1851.2' |
| 8.                     | 1.                      |

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by Paragraph B of the rules and regulations of the Oil and Gas Section of the mining laws of West Virginia."

*Louis P. Sumpter*

LOUIS P. SUMPTER  
Oklahoma Reg. No. 2724

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

COMPANY PHILLIPS PETROLEUM COMPANY

ADDRESS BARTLESVILLE, OKLAHOMA

FARM EDITH GOLDIE POWLEY

TRACT..... ACRES 65 LEASE NO. 73296

WELL FARM NO. POWLEY 'A' SERIAL NO. \_\_\_\_\_

ELEVATION (SPIRIT LEVEL) 2190'

QUADRANGLE MORGANTOWN - SC

COUNTY MONONGALIA DISTRICT CLINTON

ENGINEER Louis P. Sumpter

ENGINEER'S REGISTRATION NO. 2724 - OKLAHOMA

FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_

DATE JUNE 24, 1966 SCALE 1" = 500'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP

FILE NO. MAN-299

+ 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.

Deep Well (Oriskany)

Form 50-10



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Morgantown

WELL RECORD

Oil or Gas Well  (KIND)

Permit No. 201-297

Company	Phillips Petroleum Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	Bartlesville, Oklahoma	Size			
Farm	Powley "A" Acres. 65	16	Set 2:		Kind of Packer
Location (waters)	*See below.	13.13 3/8"	48'	32.17'	(35 Sax) by Halli.
Well No.	1 Elev. 2190'	10. 9 5/8"	1010.76'	1025.50'	(340 Sax) by Halli
District	Clinton County Monongalia	8 1/4"			Size of _____ by Halli
The surface of tract is owned in fee by	Edith Goldie Powley, et al.	6 3/16"			Depth set _____
Address	1072 University Avenue Morgantown, West Virginia.	5 3/16"			(175 Sax) by Halli
Mineral rights are owned by	Same	4 1/2 1/2"	\$206.13'	8204.13'	**See below
Address		3			Perf. top _____
Drilling commenced	July 30, 1966	2			Perf. bottom _____
Drilling completed	August 21, 1966	Liners Used			Perf. top _____
Date Shot	From _____ To _____				Perf. bottom _____
With					

Open Flow /10ths Water in \_\_\_\_\_ Inch

Attach copy of cementing record.

CASING CEMENTED 4 1/2" SIZE 8206.13' Ft. 8/17/66 Date

Amount of cement used (bags) 175 sax

Volume 2,629,000 Cu. Ft.

Name of Service Co. Halliburton

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

COAL WAS ENCOUNTERED AT 21' to FEET 2' INCHES

Oil None bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) 8/18/66 Halli. pump'd 5 bbls of \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Acid in 4 1/2" csg perf. f/ 8070' to 8098' - max. press. FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

5100# - standing press. for ten minutes 3450#

WELL FRACTURED (DETAILS) Halli. fracture treated Chert & Oriskany Sands w/ 57,650 gal. of 3% gelle acid & 51,000# of 20-40 sand w/ 30# of WG-6 & 5 1/2 of G-1 per 1000 gal. of gel water. Max. press. 4700# Min. press. 1250#

RESULT AFTER TREATMENT (Initial open flow or bbls.) Four-point pot'l test, 8/30/66, calculated open flow 2,629 MCP/day.

ROCK PRESSURE AFTER TREATMENT 3400# HOURS 125 Hrs.

Fresh Water Hit fresh water @ 30' & 70' Feet Salt Water \_\_\_\_\_ Feet

Producing Sand Onandaga Chert & Oriskany Sand Depth Dr'd to 8300' - P.B.T.D. 8169'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil & Sand	Stone		0'	48'	**PERFORATION RECORD:		
Shale & Sand	Streaks		48'	155'	ORISKANY SAND:		
Shale			155'	600'	8070' to 8074'	- 8'	.53" Dia. hole
Sandy Shale			600'	1020'	8078' to 8080'	- 4'	Do
Sand			1020'	1032'	8094' to 8098'	- 8'	Do
Lime & Sand	Streaks		1032'	1290'	CHERT:		
Sand & Shale			1290'	3920'	7822' to 7825'	- 3'	.53" Dia. hole
Shale & Lime	Streaks		3920'	4830'	7829' to 7835'	- 6'	Do
Shale			4830'	7345'	7846' to 7849'	- 3'	Do
Tully Lime			7345'	7480'	7853' to 7853'	- 10'	Do
Shale Hamilton Shale			7480'	7702'	7879' to 7882'	- 3'	Do
Marcellus Shale			7702'	7800'	7894' to 7899'	- 15'	Do
Onandaga Lime			7800'	7818'	7911' to 7914'	- 3'	Do
Onandaga Chert	Huntersville		7818'	8061'	7916' to 7919'	- 3'	Do
Oriskany Sand			8061'	8152'	7921' to 7923'	- 2'	Do
Helderberg Lime			8152'	8300'	7936' to 7939'	- 3'	Do
			Plugged back f/ 8300'	to 8169'	7942' to 7949'	- 7'	Do
					7951' to 7953'	- 2'	Do
					7968' to 7972'	- 4'	Do
					7980' to 7987'	- 7'	Do
					7994' to 7998'	- 4'	Do

\*Location f/ line four above:  
3941.5' South 47 Deg. 13 Min. West f/  
Born "A" No. 2. 7250' West 79 Deg.  
50 Min. 13050' South 39 Deg. 35 Min.  
249.9' F/ South Line of Lease Line,  
Monongalia Cnty, W. Va.

