

P.



- NEW LOCATION.....
- DRILL DEEPER.....
- ABANDONMENT.....

C. H. M. LAD COAL CO.
 5.3
 2.92 W.
 1 SC (M-6)

COMPANY PHILLIPS PETROLEUM COMPANY
 ADDRESS BARTLESVILLE, OKLAHOMA
 FARM BEAVER "A"
 TRACT _____ ACRES 1070 LEASE NO. G-103821
 WELL (FARM) NO. 1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 2038'
 QUADRANGLE MULLENS - NE
 COUNTY RALEIGH DISTRICT SLAB FORK
 ENGINEER George Downs
 ENGINEER'S REGISTRATION NO. 2027 OKLAHOMA
 FILE NO. _____ DRAWING NO. _____
 DATE NOV. 15, 1961 SCALE 1" = 4000'

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

WELL LOCATION MAP
 FILE NO. RAL-255

+ 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.

3-3 ²⁴⁹ 255

22-A (copy)
 Samples 20-6600, 6855-7035° Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 31

Quadrangle Mullens

Permit No. RAI-255

WELL RECORD

Oil or Gas Well Gas
(KIND)

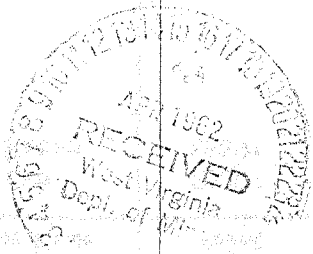
Company Phillips Petroleum Company
Address Bartlesville, Oklahoma
Farm Beaver "A" Acres 1070
Location (waters) Alderson Branch 2038.18 Gr
Well No. One 2048.95 DF Ele 2051.67 RKB
District Slab Fork County Raleigh
The surface of tract is owned in fee by Beaver Coal Co.
Address Beckley, West Va.
Mineral rights are owned by Beaver Coal Co.
Address Beckley, West Va.
Drilling commenced January 20, 1962
Drilling completed March 11, 1962
Date Shot - From - To -
With -
Open Flow /10ths Water in - Inch
/10ths Merc. in - Inch
Volume - Cu. Ft.
Rock Pressure - lbs. - hrs.
Oil - bbls., 1st 24 hrs.
WELL ACIDIZED Halliburton pumped 9 1/2 Bbls. 15%
acid down 5 1/2" Casg. Flushed with 154 Bbls.
fresh water. 3-13-62
WELL FRACTURED Halliburton Fraced 3-14-62 with 27,500# 20-40 mesh sand & 655 Bbls. gelled water.
Used 163 Bbls. soap water for flush. Max. Press. 2000#, Min. Press. 1650#.
RESULT AFTER TREATMENT 150 MCF gas per day with 3 Bbls. salt water per hour.
ROCK PRESSURE AFTER TREATMENT 1050# - 12 Hrs., 1125# - 24 Hrs., 1535# - 30 Hrs.
Fresh Water - Feet Salt Water - Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
20"	23.58'	23.58'	
13 3/8"	405.02'	405.02'	
10			Size of
5 5/8"	2727.39'	2727.39'	
6 5/8"			Depth set
5 1/2"	6902.59'	6902.59'	
3			Perf. top
1 1/2"	6296.00'	6296.00'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date
20"	41.25	1-22-62	
13 3/8"	415.00	1-31-62	
8 5/8"	2715.00	2-11-62	
5 1/2"	6855.00	3-2-62	

COAL WAS ENCOUNTERED AT - FEET - INCHES
- FEET - INCHES - FEET 0 INCHES
- FEET - INCHES - FEET - INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & Lime Stone			0	41			20" Csg. 41.25'
Sandstone			41	100			W/100 Sx.Cmt.
Sandstone & Shale			100	125			Cmt.circulated to surface
Sandstone			125	211			
Sand			211	260			
Sandstone			260	290			
Sand & Shells			290	312			
Sand			312	330			
Sandstone			330	361			
Sand & Shale			361	415	Fr. water	402	13 3/8"Cs. at 415'W/200SxCmt
Sand & Shale			415	500			Cmt.circulated to surface
Shale, Sand & Shells			500	615			
Red Rock & Shale			615	625			
Sand & Shale			625	1093			
Sand			1093	1125			
Shale			1125	1240			
Red Shale & Sand			1240	1420			
Sand			1420	1450			
Red Shale			1450	1530			
Gray Shale			1530	1580			
Lime & Shells			1580	1712			
Red Shale & Sand			1712	1860			
Red Shale & Shells			1860	1917			
Gray Sand			1917	1970			
Sand & Shale			1970	2070			
Sand			2070	2155			
Shale & Shells			2155	2235			
Sand			2235	2250			
Shale			2250	2340			
Sandy Shale			2340	2480			



Formation	Color	Hard or Soft	Top 31	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale & Sand			2480	2622	Gas	2500'	Slight Show
Shale			2622	2715	Water	2669'	8 5/8" Csg. at
Shale			2715	2725			2715 W/300SxCmt
Shale & Sand			2725	2775			Top of cement
Sandy Shale			2775	2965			outside Csg.
Gray Shale			2965	3105			1775'
Shale			3105	3275			
Gray Shale			3275	3455			
Black Shale			3455	3480			
Broken Shale & Shells			3480	3730			
Shale			3730	4020			
Sandy Shale & Shells			4020	4418			
Sandy Shale			4418	4724			
Sandy Shale & Shells			4724	4768			
Shale & Shells			4768	4878			
Shale			4878	5097			
Sandy Shale			5097	5285			
Shale			5285	5525			
Shale & Shells			5525	5794			
Shale			5794	5855			
Shale & Shells			5855	5980			
Shale			5980	6025			
Broken Shale & Sandy Lime			6025	6095			
Sandy Shale & Shells			6095	6204			Marcellas Shale
Shale			6204	6837			6806. Base 6837
Lime			6837	6842			Onondaga 6837
Lime & Chert			6842	6889			5 1/2" CSG. at
Sand			6889	6958	Gas	6911	6855 W/125 SxCmt
Lime			6958	6978			Oriskany. 6889
Sand			6978	7010			Small Show.
Lime			7010	7025			Schriber Lime
				7035			6958
							Helderberg 7010
							7035 Total Depth
							Top of cement
							outside 5 1/2" Csg.
							6150'

485

6837	6889	6958
2052	2052	2052
4785	4837	4906

Date April 12, 1962

APPROVED Phillips Petroleum Company, Owner

By _____
District Superintendent