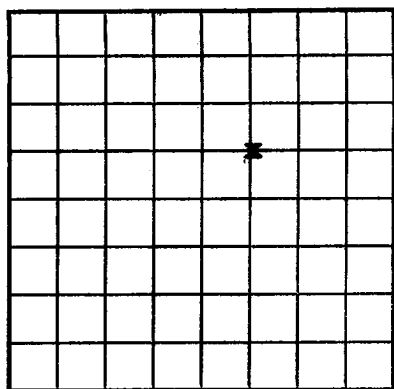




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address Bartlesville, Oklahoma
Lessor or Tract H.M. Britt - Mexico Field Monument State New Mexico
Well No. 2 Sec. 18 T. 20S R. 37E Meridian N.M.P.M. County Lea
Location 1980 ft. N. of N. Line and ft. E. of E. Line of NE/4 Sec. 18 Elevation 4560 ft.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed /s/ Earl GriffinDate April, 9 1937Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling March 1, 19 37 Finished drilling April 3, 19 37

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3736 to 3850 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13"	354	10	Welded	250' 6"	SS	Surface			
9-5/8"	214	10	SS	3750					
7"									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	250' 6"	200	Halliburton		
9-5/8"	1151	400	"		
7"	3750	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 3850 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

 , 19 Put to producing April 4, 19 37

The production for the first 2 hours was 287 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 33.0

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas Rock pressure, lbs. per sq. in.

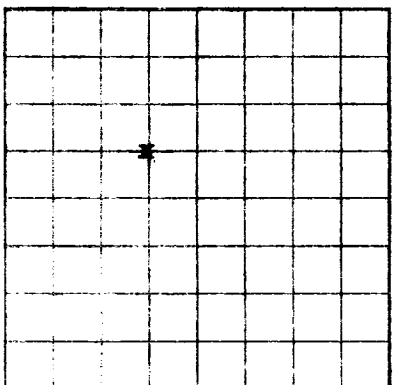
EMPLOYEES

 , Driller , Driller
 , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Caliche & Sand
35	190	155	Sand & red bed
190	235	45	Sand & Shale
235	270	35	Shale & shell
270	495	225	Red bed, sand & shells
495	807	312	Red bed & shells
807	928	121	Red rock & shale
928	1005	77	Red bed & shells
1005	1070	65	Red bed & anhydrite
1070	1135	65	Anhydrite
1135	1165	30	Red rock & anhydrite
1165	1202	37	Salt
1202	1490	288	Salt & shells
1490	1870	380	Salt, Anhydrite & shells
1870	2150	280	Salt & Anhydrite
2150	2330	180	Salt, Anhydrite, sand & shells
2330	2445	115	Salt & snhydrite
2445	2600	155	Anhydrite
2600	2637	37	Anhydrite, salt & shells
2637	2740	103	Anhydrite
2740	2840	100	Lime
2840	2890	50	Anhydrite
2890	3850	960	Lime

(OVER)
FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

Serial Number 9-330-1-1
U.S. Land Office, Washington, D.C.
Please see Permit to Prospect

Company, Phillips Petroleum Company, Address, Bartlesville, Oklahoma
Lessor or Trust, H.A. First, State, Oklahoma
Well No., 2, Sec. 18, T. 20S, R. 37E, Meridian, N.M.P.M., County, LeFlore
Location, 1880 ft. of N. line and 1880 ft. of W. line of NE 1/4 Sec. 18, T. 20S, R. 37E, Meridian, N.M.P.M., County, LeFlore
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed, A.A. Smith, Date, April 1, 1937, Title, District Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling, March 1, 1937, Finished drilling, April 2, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 3735 to 3850, No. 4, from 3850 to 3950
No. 2, from 3950 to 4050, No. 5, from 4050 to 4150
No. 3, from 4150 to 4250, No. 6, from 4250 to 4350

IMPORTANT WATER SANDS

No. 1, from 4350 to 4450, No. 8, from 4450 to 4550
No. 2, from 4550 to 4650, No. 4, from 4650 to 4750

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "spliced" or "tapped" in, give the date and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD			
Casing size	Where set	Number sacks of cement	Method used
13"	380' to 390'	300	Ballston
11 1/2"	390' to 400'	400	"
10"	400' to 410'	300	"
PLUGS AND ADAPTERS			
Size	Length	Depth set	
10"	10'	380'	
SHOOTING RECORD			
Size	Shell used	Explosive used	Quantity
10"			
TOOLS USED			
Rotary tools were used from 3850 feet to 4750 feet and from 4750 feet to 4850 feet.			
Cable tools were used from 4850 feet to 4950 feet.			
DATES			
First to producing, April 2, 1937. The production for the first 3 hours was 1287 barrels of fluid of which 1200 G was oil. Gravity, 33.0. If gas well, oil per 24 hours. Rock pressure, lbs. per sq. in.			
EMPLOYEES			
Driller, Driller			
FORMATION RECORD			
FROM	TO	TOTAL FEET	FORMATION
0	35	35	Claystone & sand
35	100	135	Hard & red sand
100	135	43	Hard & shale
135	170	35	Shale & shale
170	205	35	Red bed, red & shale
205	240	35	Red bed & shale
240	275	35	Red rock & shale
275	310	35	Red bed & shale
310	345	35	Red and yellow shale
345	380	35	Yellow shale
380	415	35	Red rock & shale
415	450	35	Red & shale
450	485	35	Red, somewhat sandy shale
485	520	35	Red & sandstone
520	555	35	Red & sandstone
555	590	35	Red & sandstone
590	625	35	Red & sandstone
625	660	35	Red & sandstone
660	695	35	Red & sandstone
695	730	35	Red & sandstone
730	765	35	Red & sandstone
765	800	35	Red & sandstone
800	835	35	Red & sandstone
835	870	35	Red & sandstone
870	905	35	Red & sandstone
905	940	35	Red & sandstone