

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days
after completion of well. Indicate questionable data by fol-
lowing it with (?). Submit in duplicate.

Company **Phillips Petroleum Company** Address **Bartlesville, Oklahoma**
Send correspondence to **L. E. Fitzjarrald** Address **Bartlesville, Oklahoma**
C. D. Woolworth Well No. **8** in **SW $\frac{1}{4}$** of Sec. **23**, T. **24**,
R. **36**, N. M. P. M., **Jal** Oil Field **Lea** County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **C. D. Woolworth** Address **Jal, New Mexico**
The lessee is **Pure Oil Company** Address **Ft. Worth, Texas**
If not state or patented land, give status. _____
Drilling commenced **July 17,** 19 **34** Drilling was completed **September 1,** 19 **34**
Name of drilling contractor **G. H. Vaughn** Address **Dallas, Texas**
Elevation above sea level at top of casing **3335** feet.
The information given is to be kept confidential until _____ 19 ____.

OIL SANDS OR ZONES

No. 1, from **3459** to **3512** 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	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
12$\frac{1}{2}$	80	8	LW	803'	TP				
9 5/8	40	8	SS	1390	Float				
7	24	10	SS	3468	Float				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12$\frac{1}{2}$	308	200	Halliburton		
9 5/8	1390	300	Halliburton		
7	3468	300	Halliburton		

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 **0** feet to **3512** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **September 2,** 19 **34**
55 minutes
The production of the first **510** barrels of fluid of which **99.8** % was oil; **.2** %
emulsion; _____ % water; and **.2** % sediment. Gravity, Be **29.5**
If gas well, cu. ft. per 24 hours **2,052,000** Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. **1250**

EMPLOYES

W. A. Parks Driller **N. McCain** Driller
T. G. Maxwell Driller _____ Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work
done on it so far as can be determined from available records.

Subscribed and sworn to before me this **21** Name **L. E. Fitzjarrald**
day of **September**, 19 **34** Position **Asst. Production Supt.**
J. H. Todd Representing **Phillips Petroleum Company**
Notary Public. Company or Operator.
My commission expires **7/6/1938**

DUPLICATE

SEP 27 1934

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Rigging up July 10-17-, 1954. Drilling began 18th
18	170	152	Cellar, hard
170	180	10	Red Beds and Shells, Hard
180	190	10	Sand, Rock
190	228	38	Red Beds
228	258	30	Sand rock, Red Beds
258	276	18	Sand and shells, Red Beds
276	303	27	Shale and lime
303	480	177	Red Bed, sand and shells (Hole reamed to 17 1/2" 303').
480	615	135	Sand Lime and Red Beds (306' 9" 12 1/2" csg. cemented with 175 sacks cement)
615	730	115	Sand and Red Beds
730	848	118	Sand and Red Beds
848	983	135	Red Beds and shale
983	1133	150	Red Beds and sand
1133	1177	44	Red Beds and sand
1177	1241	64	Red Beds and sand
1241	1331	92	Red Beds and sand
1313	1420	89	Sand and Anhydrite (Crooked hole test 1375' O.K.)
1420	1479	59	Ran and cemented 9 5/8" csg. with 300 sacks @ 1390'
1479	1619	140	Syfo test 500' o.k.
1619	1809	190	Salt
1809	1999	190	Salt
1999	2249	250	Salt
2249	2475	226	Salt
2475	2580	105	Salt (Acid test O.K. @ 2300')
2580	2687	107	Salt
2687	2750	63	Salt and Anhydrite
2750	2765	15	Salt and Anhydrite
2765	2818	53	Salt and Anhydrite
2818	2861	43	Salt and Anhydrite
2861	2871	10	Salt and Anhydrite
2871	2896	25	Lime
2896	2923	27	Anhydrite
2923	2944	21	Anhydrite and lime
2944	2968	24	Lime and Anhydrite
2968	2993	25	Lime
2993	3016	23	Lime (Acid test @ 2850' O.K. SLM @ 3045')
3016	3069	25	Lime
3069	3082	13	Lime
3082	3092	10	Lime, Hard
3092	3100	8	Lime, hard
3100	3122	22	Lime, hard
3122	3145	23	Lime, hard (Vertical test @ 3100' 2 degrees)
3145	3171	26	Lime, hard
3171	3196	25	Lime, hard
3196	3203	15	Lime, hard
3203	3215	12	Lime, hard
3215	3234	19	Lime, hard
3234	3254	20	Lime, hard
3254	3278	24	Lime, hard
3278	3294	16	Lime, hard
3294	3307	13	Lime, hard
3307	3329	22	Lime, hard
3329	3345	16	Lime, hard
3345	3375	30	Lime, gray, hard
3375	3410	35	Sandy, lime, gray (Steel line correction No return 3408)
3410	3417 1/2	7 1/2	Sandy lime (Core)
3417 1/2	3435	18	Sandy lime
3435	3450	15	Sandy lime
3450	3458 1/2	8 1/2	3' recovery (Made seat for packer 3460')
3458 1/2	3470	12	Lime (Core 3468' 7" casing)
3470	3499	29	Lime (Reamed 3450-79, reamed 3479-3508, Cement 7" OD casing 300 sacks @ 3468' 2" Tested 7" casing @ 1200 pounds O.K.)
3499	3508	9	Lime, hard
3508	3512	4	Sandy lime (011) TOTAL DEPTH