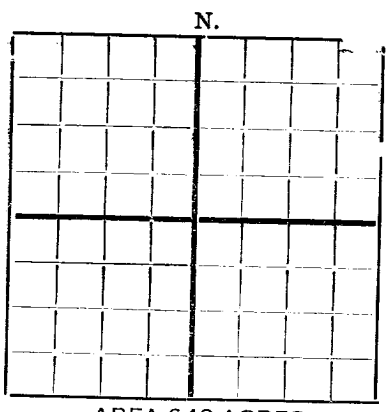
FORM SG 108



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO [illegible]E LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

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

Company Barnsdall Oil Company Address Box 2033, Tulsa, Okla.

Send correspondence to R. L. Bickett Address Box 167, Hankins, Tex.

Amer. Natl. Ins. Co. Well No. 1 in SE¼ of Sec. 28, T. 16 S,

R. 38E, N. M. P. M., Oil Field Lea County.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is J. W. Williams, Address Lovington, N. M.

The lessee is Barnsdall Oil Co., Address Tulsa, Okla.

If not state or patented land, give status

Drilling commenced Oct. 1, 1929. Drilling was completed Feb. 28, 1930.

Name of drilling contractor Shira & Davidson, Address Ft. Worth, Texas

Elevation above sea level at top of casing 3711 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from to 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 24' to 170' 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 AND PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
20"	90#	8		171'10"	No	65'			
15½"	70#	8		415'9"	Cal.	373'8"			
12½"	50#	8		1107'7"	"	820'			
10"	40#	8		1998'3"	"	1296'			
8¼"	32,	8		3372'5"	"	3181			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
8¼"	3525	15	Pouring in from top	Very Heavy	Filled to top
10"	2100	15	Do	Do	" " "
20"	210	15	Do	Do	" " "

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 feet to feet, and from feet to feet

Cable tools were used from 0 feet to 5160 feet, and from feet to feet

PRODUCTION

Put to producing , 19

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYES

, Driller , Driller

, 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 22 day of March, 1930

W. S. Richmon
Notary Public

My commission expires 5-30-31

Name [illegible]

Position Timekeeper

Representing Barnsdall Oil Company
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	1	1	Surface
1	24	23	Caliche
24	61	37	Sandy lime
61	68	7	Hard lime
68	125	57	Sandy lime
125	185	60	Quick sand
185	200	15	Gyp
200	220	20	Sand & Gyp
220	230	10	Red rock
230	245	15	Sandy shale
245	275	30	Red rock
275	290	15	Shale - red
290	300	10	Red rock
300	310	10	Mud - blue
310	330	20	Slate - blue
330	335	5	Sand - gray
335	465	30	Red rock
465	485	20	Gray lime
485	555	70	Red rock
555	565	10	Gray sand
565	615	50	Sandy shale
615	745	130	Red rock - hole caving—Run 755' - 12½" casing
745	830	85	Sandy shale
830	1085	255	Red rock
1085	1090	5	Shale & red rock
1090	1255	165	Red rock
1255	1305	50	Sandy shale
1305	1355	50	Red rock
1355	1365	10	Blue shale
1365	1410	45	Gray sand
1410	1415	5	Blue shale
1415	1675	250	Red rock
1675	1690	15	Sandy shale
1690	1700	10	Sand
1700	1710	10	Sandy shale
1710	1765	55	Sand
1765	1805	40	Sandy shale
1805	1810	5	Shale
1810	1825	15	Shale & sand
1825	1865	40	Sandy shale
1865	1995	30	Red rock
1995	2015	20	Sandy shale
2015	2040	25	Red rock
2040	2060	20	Sandy shale
2060	2165	105	Anhydrite
2165	2315	150	Salt
2315	2330	15	Anhydrite
2330	2395	65	Salt
2395	2400	5	Anhydrite
2400	3075	675	Salt
3075	3100	25	Red rock
3100	3105	5	Anhydrite
3105	3110	5	Red rock
3110	3135	25	Salt & Anhydrite
3135	3150	25	Anhydrite
3150	3180	30	Salt & Anhydrite
3180	3190	10	Anhydrite & Potash
3190	3200	10	Anydrite & Shale
3200	3210	10	Red rock
3210	3235	25	Anhydrite & Potash
3235	3315	85	Red rock
3315	3385	70	Anhydrite
3385	3400	15	Red rock
3400	3465	65	Anhydrite
3465	3475	10	Salt
3475	3935	460	Anhydrite
3935	3985	50	Anhydrite red rock & salt
3985	4185	200	Anhydrite
4185	4205	20	Brown sand Light show of oil
4205	4390	185	Anhydrite
4390	4395	5	Red rock
4395	4517	122	Anhydrite
4517	4810	293	Anhydrite - lime
4810	4920	110	Hard lime
4920	4940	20	Hard sandy lime
4940	4965	25	Hard lime
4965	4995	30	Hard sandy lime
4995	5005	10	Lime, shale & anhydrite
5005	5025	20	Hard gray sandy lime
5025	5042	17	Hard brown sandy lime
5042	5044	2	Red shale
5044	5070	28	Red lime & gray sand
5070	5080	10	Red sandy shale
5080	5105	25	Hard light gray lime
5105	5110	5	Hard white lime, made 5 bailers salt water while down 5 days at a depth of 5106.
5110	5130	20	Hard white lime
5130	5160	30	Hard gray lime T. D.