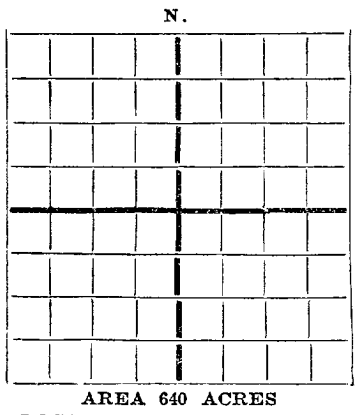
Form SG 108



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 following it with (?). Submit in duplicate.

Company Barnsdall Oil Company Address Box 2039, Tulsa, Oklahoma.

Send correspondence to Barnsdall Oil Company Address Above

Martha Forrest Well No. 1 in NW/4 of Sec. 24, T. 25S,

R. 36E, N. M. P. M., Oil Field Jal Pool County.

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

If patented land the owner is Martha and C. A. Forrest, Address De Leon, Texas.

The lessee is Barnsdall Oil Company, Address Tulsa, Oklahoma.

If not state or patented land, give status

Drilling commenced February 9, 1934. Drilling was completed April 28, 1934

Name of drilling contractor Earl B. Winn Drilling Co., Address 424 North Boulder Tulsa, Oklahoma.

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3269 to 3316 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. to

No. 2, from to No. to

ILLEGIBLE

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
12½	50	8	[illegible]	427'	[illegible]	(Not off)			
9-5/8	40	8	Nat.	514'	Baker	(Over all)			
"	36	8	Nat.	2424'					
7"	24	10	Nat. & S.	3130'	Halliburton	(Over all)			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12½	500	499	Halliburton		
9-5/8	2930	400 & *100	"		
7"	3122	50	"		

* Wore hole in 9-5/8" casing at 1113 ft. & emptied for second cementing job

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
Acidized	w/ 1000 gallons			-1-34		
"	w/ 1000	" (175 bbls. oil)		-1-34		
120 qts.	4" x 46'	Glycerin		-0-34	3268-3316	To bottom

TOOLS USED

Rotary tools were used from 507 feet to 3320 feet, and from feet to feet

Cable tools were used from 0 feet to 507 feet, and from 3320 feet to 3325 feet

PRODUCTION

Put to producing *, 19.

* Showed 60 bbls in 24 hrs before shot. * Cleaning out and preparing to run tubing.

The production of 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

W. O. Murray, Driller Ed Blanch, Driller

Carl Allsup, 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 19th day of May, 19

Harriet E. Baker
Notary Public.

My commission expires July 22 1935

Name [signature]

Position Production Supt.

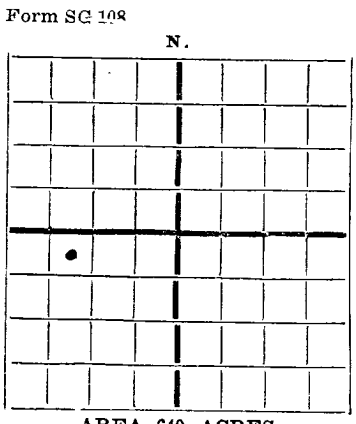
Representing Barnsdall Oil Co.
Company or Operator.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	65		caliche (Drilled with Spudder)
65	125		red bed
125	135		blue shale
135	180		brown shale
180	220		lime
220	225		red bed
225	330		lime
330	355		water sand
355	365		red bed
365	375		brown shale
375	420		sandy lime
420	430		red shale
430	450		water sand
450	480		blue shale
480	507		red rock
507	890		red bed (Drilled with Rotary)
890	1065		sand and shells
1065	1175		sand and shale
1175	1200		red rock
1200	1230		anyhdrite
1230	1295		salt
1295	1465		anyhdrite
1465	1575		salt and anhydrite
1575	1650		salt
1650	1670		salt and anhydrite
1670	1675		salt
1675	1810		salt and anyhdrite
1810	2638		salt
2638	2750		salt and anhydrite
2750	2835		salt
2835	2922		anhydrite
2922	3268		lime
3268	3293		sandy lime
3293	3320		lime
3320	3325		lime and sand (Deepened with cable tools)

DUPLICATE

Form SC 108



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 completior of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Barnsdall Oil Co Address Box-H Jal N Mexico

Send correspondence to Tulsa, Okla Address Box-2039

Martha Forrist Well No. 1 in SW of Sec. 24, T. ~~26~~ 25,

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, Address

The lessee is, Address

If not state or patented land, give status

Drilling commenced Feb - 9 1934. Drilling was completed April 2- 1934

Name of drilling contractor Carl B. King, Address Tulsa, Okla.

Elevation above sea level at top of casing 3100 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3288' to 3289' No. 4, from to

No. 2, from 3294' to 3297' No. 5, from to

No. 3, from 3306' to 3308' No. 6, from to

IMPORTANT WATER SANDS

No. 1, from ~~3330'~~ 3325' to 3355' No. 3, from 3326' to 3330'

No. 2, from ~~4330'~~ 4325' to 4350' No. 4, from to

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
12½	50	8	LW	500	Tex Pr				
9 5/8	36 & 40	10	M.S	2930	Baker				
7"	24	10	S.S	3122	Halliburton				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12½	500'	485	Halliburton	9.5	
9 5/8	2930'	400			
7"	3122'	50			

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
Perforated		Acid	1000 Gal	4/12/34	3320	3320
		Acid	1000 -	4/30/34	3324	3324
120 Qts	4" x 48'	Glycerin	120 Qts	5-8-34	3316'	3324

TOOLS USED

Rotary tools were used from 500' feet to 3320 feet, and from feet to feet

Cable tools were used from 0 feet to 500 feet, and from 3320 feet to 3324 feet

PRODUCTION

Put to producing May 22, 1934

The production of the first 24 hours was 45 barrels of fluid of which 98 % was oil; 1 % emulsion; 1 % water; and % sediment. Gravity, Be 35°

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

Rock pressure, lbs. per sq. in. 1100

EMPLOYES

Carl Allsup, Driller O.J. Claunch, Driller

H C Murphy, Driller F.E. Pennell, 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 31 day of May, 1934

B.E. Henderson J.P. ex officio Notary Public

My commission expires 12 - 31 - 34

Name Barnsdall Oil Co

Position Dist. Supt.

Representing Company or Operator.

DUPLICATE
JUN 11 1934

APPROVED AS O. K.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
~~Colorado Line~~			
40	65	25	Colorado
65	125	60	Red Bed
125	135	10	Blue Shale
135	180	45	Brown Shale
180	220	40	Lime
220	225	5	Red Bed
225	330	105	Lime, Hard
330	355	25	Water Sand
355	365	10	Red Bed
365	375	10	Brown Shale
375	420	145	Sandy Lime
420	430	10	Red Shale
430	450	20	Water Sand
450	480	30	Blue Shale
480	890	410	Red Rock
890	1175	285	Sandy Shale
1175	1200	25	Red Rock
1200	1810	610	Anhydrite
1810	2750	940	Salt + Anhy.
2750	2877	127	Salt + Anhy
2877	2922	45	Anhydrite
2922	3235	313	Lime
3235	3240	5	Lime, light Show of Oil
3240	3288	48	Lime
3288	3289	1	Sand light Show of Oil
3289	3292	3	Lime
3292	3294	2	Porous Lime
3294	3297	3	Sand
3297	3306	9	Lime
3306	3308	2	Sand, light Show of Oil
3308	3320	12	Lime
3320	3326	6	Lime
3326	3330	4	Sand, Black Sulphur Water-
Plug Back	3324	Total Depth	