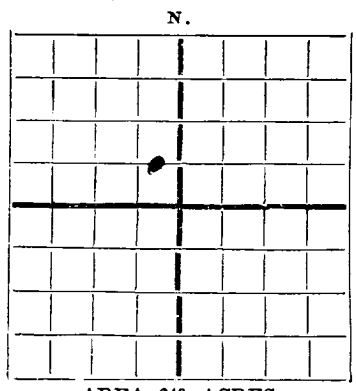
Form SC 108



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

Company Samedan Oil Corp. Address Box 957, Ardmore, Oklahoma.

Send correspondence to Samedan Oil Corp. Address Box 957, Ardmore, Oklahoma.

State "B" 25 Well No. 1 in NW of Sec. 25, T. 18S,

R. 37E, N. M. P. M., Hobbs Oil Field Lea County.

If State land the oil and gas lease is No. B1535½ Assignment No.

If patented land the owner is, Address

The lessee is The Continental Oil Co., Address Ponca City, Okla.

If not state or patented land, give status

Drilling commenced June 22 19 35. Drilling was completed Sept. 13 19 35

Name of drilling contractor Noble Drilling Co., Address Tulsa, Okla.

Elevation above sea level at top of casing 3875 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 4052 to 4187 No. 4, from to

No. 2, from 4194 to 4310 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 FROM	PERFORATED TO	PURPOSE
12½	50#			205'					Surface.
7"	22#		Yngstn	4039'					

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12½	205	175	Halliburton		
7"	4039	500	"		

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 4244 feet, and from feet to feet

Cable tools were used from 4244 feet to 4343 feet, and from feet to feet

PRODUCTION

Put to producing 10-11, 19 35.

The production of the first 24 hours was 20 bbls/hr barrels of fluid of which 100 % 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. 900.

EMPLOYES

Roy Lynch, Driller F. L. Kimsey, Driller

A. T. Hopkins, Driller S. B. Ward, 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 22nd day of October, 19 35

Harry H. Revelle
Notary Public.

My commission expires Nov. 7. 1937.

Name [signature]

Position

Representing Samedan Oil Corp.
Company or Operator.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	35	35	Caliche
35	80	45	Water sand
80	86	6	Lime shell
86	193	107	Water sand
193	200	7	Lime shell
200	749	549	Red bed
749	1040	291	Red rock & shale
1040	1188	148	Shale & shells
1188	1615	427	Red rock, shale & shells
1615	1732	117	Anhydrite & shale
1732	2708	976	Salt & anhydrite
2708	2737	29	Anhydrite
2737	2820	83	Anhydrite, lime shells
2820	2848	28	Anhydrite, shale
2848	2942	94	Anhydrite, lime shells
2942	2971	29	Brown lime
2971	2993	12	Anhydrite
2993	3150	157	Anhydrite
3150	3234	84	Anhydrite & lime
3234	3255	21	Anhydrite, gyp
3255	3296	41	Anhydrite
3296	3422	126	Anhydrite & lime
3422	3523	101	Anhydrite
3523	3572	49	Anhydrite & gypsum
3572	3662	90	Anhydrite
3662	3789	127	Anhydrite & lime
3789	4042	253	Anhydrite & lime
4042	4052	10	Lime- Show oil & gas
4052	4132	80	Sandy Limestone
4132	4146	14	" " - Oil stained
4146	4152	6	" " - Not stained
4152	4154	2	" " - Oil Stained
4154	4158	4	" " - Not stained
4158	4160	2	" " - Saturated
4160	4164	4	White Ls. - Not stained
4164	4170	6	Grey sandy Ls. - " "
4170	4172	2	" " " - Oil stained
4172	4174	2	Grey ls. - " "
4174	4187	13	Sandy lime
4187	4194	7	Lime with streaks of shale
4194	4214	20	WHITE LIME
4214	4224	10	" " - Hard
4224	4238	14	" " - Oil stained-little porosity.
4238	4244	6	" " - Soft, very porous, well stained.
4244	4310	66	" "
4310	4312	2	Grey lime
4312	4318	6	Brown sandy lime
4318	4323	5	White sandy lime
4323	4328	5	Grey sandy lime
4328	4343	15	Hard sandy lime.
	4343	T.D.	
	4175	P.B.	

At T. D. of 4187 Prod. test was made by swabbing thru 2½" tubing. The well produced 2 bbls of oil per hour, no water.
Test at 4242' showed for 10 bbls oil & 10 bbls water per day. Rerun tubing and set packer at 4222' swabbing thru 2½" tubing the well produced below the packer in 3 hours 50 gallons of oil and 50 gallons of water. Acidized below packer with 1000 gal and the well produced all water, the water standing 800' from the top of the hole. The well was drilled to 4343 and tests at 4275 and 4318' ware all water. Plugged back with cement from 4343 to 4166' all of water shut off. Swabbing in 7" casing the well produced 12 bbls of oil in 12 hours.
The well was acidized with 2000 gallons followed with 55 bbls of oil. Acid went in very slow at 500# pressure. Production after acidizing 20 bbls per hour. Second shot of 2000 gal was followed with 95 bbls of oil. A Pressure of 500 pounds was required to pump in the acid. The formation did not loosen up. After second shot the well produced at the rate of 820 bbls per day swabbing in 7" casing. Tubing was run and well placed on production.