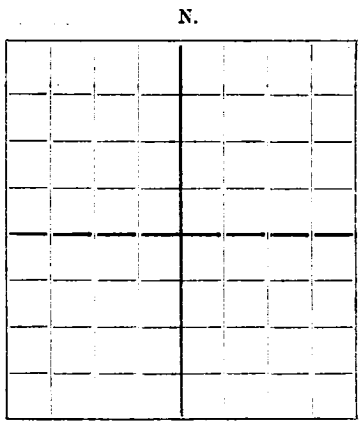
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

DUPLICATE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

SAMEDAN OIL CORPORATION (Company or Operator) HUGHES (Lease)

Well No. 4 in SE/4 of Sec. 10, T. 23 South R. 37 East, N. M. P. M., "Skelly" Field, Lea County.

Well is 660 feet south of the North line and 1980 feet west of the East line of SE/4 Section 10

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

If patented land the owner is _____, Address _____

If Government land the permittee is Sarah B. Hughes, Address Las Cruces 032452

The Lessee is SAMEDAN OIL CORPORATION, Address Box 959, ARDMORE, OKLAHOMA

Drilling commenced 10-6-37. Drilling was completed 11-29-37

Name of drilling contractor Donnelly&Sindorf Drilling Co., Address Ft. North, Texas

Elevation above sea level at top of casing 3295 feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3567 to 3572 (G) No. 4, from 3603 to 3622

No. 2, from 3572 to 3579 No. 5, from _____ to _____

No. 3, from 3594 to 3603 No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 80 to 123 feet. _____

No. 2, from 180 to 200 feet. Hole Full

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
15"	50#		E. W.	145'		145'			Shut Off
10-3/4"	40#			740'		740'			" "
8-5/8"	24#		Seamless	1180'					" "
7"	22#		"	3367' 9"					" "

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	15"	145	100	Halliburton		
12½"	10-3/4"	740	None			
10"	8-5/8"	1180	45	Halliburton		
8"	7"	3367'9"	125	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
4"	String shot	nitroglycerine	120 qts	11-30-37	3575'-3625'	3625'

Results of shooting or chemical treatment Production before shot 44 barrels

Production after shot 92 barrels

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3625 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 12-11-37

The production of the first 24 hours was 92 barrels of fluid of which 100 % was oil: _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours No estimate Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. P. Stampfly, Driller P. M. Rowland, Driller

George Sheiklejohn, Driller R. T. Wilhite, 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 4th day of January, 19 38

Ardmore, Oklahoma (Place) 1-4-38 (Date)

Name Jake Moore

Position _____

Samedan Oil Corporation

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cellar
10	55	45	Caliche
55	123	68	Sand (Water 80' to 123')
123	180	57	Red Bed
180	200	20	Sand
200	255	55	Sandy Shale
255	675	420	Red Beds, Breaks Gray Shale
675	850	175	Sandy Shale
850	895	45	Red Bed
895	940	45	Sandy Shale
940	945	5	Anhydrite
945	1160	215	Red Beds
1160	1490	330	Anhydrite, salt and red beds
1490	2490	1000	Anhydrite, potash, and salt series
2490	2968	478	Anhydrite, red beds, shale breaks
2968	2975	7	Dry sand
2975	3130	155	Anhydrite, shale breaks
3130	3185	55	Brown lime
3185	3265	80	Anhydrite
3265	3390	125	Lime
3390	3395	5	Red Bed
3395	3565	170	Lime
3565	3580	15	Sandy Lime
3580	3594	14	Hard Lime
3594	3603	9	Lime - medium hard
3603	3622	19	Soft Sand
3622	3625	3	Hard Gray Lime