

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Somedan Oil Corporation, Box 959, Ardmore, Oklahoma

Hughes B-4 (Dual Completion)

(Company or Operator)

(Lease)

Well No. 7, in SW 1/4 of NW 1/4, of Sec. 17, T. 23 South, R. 37 East, NMPM.

Jalnet and Penrose-Shelly

Pool,

Lee

County.

Well is 1980 feet from North line and 660 feet from West line

of Section 17. If State Land the Oil and Gas Lease No. is LC-032452 (B)

Drilling Commenced July 27, 1954. Drilling was Completed August 29, 1954.

Name of Drilling Contractor Gackle Drilling Company and J. B. (Don) Gibbons

Address Box 8076, Hobbs, New Mexico Midland, Texas

Elevation above sea level at Top of Tubing Head 3331'

September 24, 1954

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 2688 to 2750 Gas No. 4, from 3554 to 3570 Oil

No. 2, from 2872 to 3184 Gas No. 5, from 3584 to 3598 Oil

No. 3, from to No. 6, from 3616 to 3618 Oil

IMPORTANT WATER SANDS

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

No. 1, from 40 to 70 feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75	New	288	None			Surface water
7"	23 1/2	New	3460	None			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4	10-3/4	289	275 sms.	West Halliburton	(Circulated cement)	
9"	7"	3459	675 sms.	West Halliburton	(Top of cement 1410')	

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Sand free (Jalnet) 15,000# sand and 9000 gallons oil 2688-3184

Sand free (Penrose-Shelly) 9000# sand and 6000 gallons oil 3554-3618

Result of Production Stimulation Jalnet Est. 50 MCF/D

Penrose-Shelly Flowing 264 BOPF and 104 MCF GOR 394-1

On a 15/64" choke

Depth Cleaned Out 3618'

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 0 feet to 3465 feet, and from 3465 feet to 3630 feet.  
Cable tools were used from 0 feet to 3630 feet, and from 3630 feet to 0 feet.

PRODUCTION

Put to Producing September 15, 1954

OIL WELL: The production during the first 24 hours was 264 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 37.6

GAS WELL: The production during the first 24 hours was Est. 50 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 1050 lbs.  
Length of Time Shut in 24 hours

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....1110	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....1350	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....2140	T. Montoya.....	T. Farmington.....
T. Yates.....2690	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....2950	T. McKee.....	T. Menefee.....
T. Queen.....3404	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. ....	T. Morrison.....
T. Drinkard.....	T. ....	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo.....	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss.....	T. ....	T. ....

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Surface sand & caliche				
40	70	30	Sand & caliche				
70	850	680	Red bed & shale				
850	1130	280	Red bed & sand				
1130	1250	120	Anhydrite & traces of salt				
1250	2540	1290	Salt, anhydrite & red shale				
2540	2690	150	Anhydrite & Dolomite				
2690	2910	220	Sand, Dolomite (Yates), anhydrite				
2910	3404	494	Dolomite, sand, (Seven Rivers), anhydrite				
3404	3480	76	Dolomite (Queen)				
3480	3540	60	Sand & Dolomite				
3540	3554	14	Dolomite & traces of sand				
3554	3570	16	Sand (show of oil)				
3570	3584	14	Dolomite				
3584	3598	14	Sand (good show of oil)				
3598	3602	4	Dolomite				
3602	3608	6	Sand (light show of oil)				
3608	3616	8	Dolomite				
3616	3618	2	Sand (light show of oil)				
3618	TD 01						

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

September 27, 1954

(Date)

Company or Operator Southern Oil Corporation

Address Box 979, Ardmore, Oklahoma

Name T. C. Craighead

Position or Title Production Clerk