



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 QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Semedan Oil Corporation

(Company or Operator)

HUGHES "B-4"

(Lease)

Well No. **8**, in **SE** 1/4 of **NW** 1/4, of Sec. **17**, T. **23 South**, R. **37 East**, NMPM.

Penrose - Shelly

Pool,

Lea

County.

Well is **1,980** feet from **North** line and **1,800** feet from **West** line

of Section **17**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **March 16**, 19**55**. Drilling was Completed **April 16**, 19**55**.

Name of Drilling Contractor **Cactus Drilling Company**

Address **San Angelo, Texas**

Elevation above sea level at Top of Tubing Head **3318**. The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from **3444** to **3456** **gas** No. 4, from **3508** to **3522** **oil and gas**
No. 2, from **3467** to **3490** **gas** No. 5, from **3554** to **3602** **oil and gas**
No. 3, from **3494** to **3504** **oil and gas** No. 6, from **3616** to **3634** **oil and gas**

IMPORTANT WATER SANDS

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

No. 1, from **90** to **220** **possible water** feet. **drilled with rotary**
No. 2, from **600** to **700** **possible water** feet. **drilled with rotary**
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
8-5/8	24#	New	1131	Baker	None	None	Surface water
5-1/2	14#	New	3556	Baker	None	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
11"	8-5/8	1133	350	Halliburton	(Cement circulated)	
7-7/8"	5-1/2	3551	325	Halliburton	(Top of cement 2616)	

RECORD OF PRODUCTION AND STIMULATION

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

Production prior to sand-oil treatment **1/2 BOPD** and **10 to 15,000 cu. ft. gas per day (est.)**
Sand-oil treated with **15,000# sand** and **10000 gallons of mix-oil**, flushed with **171 bbls.**
lease oil.

Result of Production Stimulation **Flowing 283 BOPD and 2,030 MCUPD on 20/64" choke**

FFP 925# psig Gas-oil ratio 7042-1 SEP 1225#

Depth Cleaned Out **3638**

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 Surface feet to 3,556 feet, and from _____ feet to _____ feet.
 Cable tools were used from 3,556 feet to 3,640 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing April 14, 19 55.
 OIL WELL: The production during the first 24 hours was 288 barrels of liquid of which 100 % was
 was oil; _____ % was emulsion; _____ % water; and 36 % was sediment. A.P.I.
 Gravity 36.
 GAS WELL: The production during the first 24 hours was 2,030 M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure 1225# lbs. **Tubing pressure shut in**
 Length of Time Shut in _____

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	<u>1088</u>		T. Devonian		T. Ojo Alamo
T. Salt	<u>1320</u>		T. Silurian		T. Kirtland-Fruitland
B. Salt	<u>2590 (Ariller)</u>		T. Montoya		T. Farmington
T. Yates	<u>2643</u>		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	<u>2838</u>		T. McKee		T. Menefee
T. Queen	<u>3326 (Penrose Sd 3436)</u>		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	90	90	Surface sand and caliche				
90	220	130	Sand and caliche				
220	580	360	Red shale and sand				
580	720	140	Sand				
720	1087	367	Red shale and sand				
1087	1320	233	Anhydrite and red shale				
1320	2578	1258	Anhydrite, salt & red shale				
2578	2642	64	Brown lime, Anhydrite				
2642	2838	196	Sand, Shale, Anhydrite (Yates)				
2838	3326	488	Sand, dolomite, shale Anhydrite (7 Rivers)				
3326	3436	110	Dolomite, Sand, Anhydrite (Queen Zone)				
3436	3490	54	Sand, dolomite (gas) (Penrose Sd.)				
3490	3603	113	Sand and dolomite oil and gas				
3603	3616	13	Dense grey lime				
3616	3638	22	Sand and dolomite oil and gas				

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.

 April 28, 1955
 (Date)
 Company or Operator Samedan Oil Corporation Address Box 959, Ardmore, Oklahoma
 Name C. S. Sanders Position or Title Vice-president