

Santa Fe, New Mexico

RECORDED

JUL 6 1955

WELL RECORD

O. C. C.
ARTESIA, OFFICE

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. If State Land submit 6 Copies

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

SAMEDAN OIL CORPORATION

WALKER-STATE
(Lease)

Well No. 1, in SW 1/4 of SE 1/4 of Sec. 27, T. 17-S, R. 28-E, NMPM.
Empire Abo (Undesignated) Pool, Eddy County.

Well is 330 feet from South line and 1980 feet from East line
of Section 27. If State Land the Oil and Gas Lease No. is B-2071

Drilling Commenced..... June 6....., 19..60.. Drilling was Completed..... June 25....., 19..60..

Name of Drilling Contractor Noble Drilling Corporation

Name of Drilling Contractor.....
Address..... 1203 Petroleum Life Building, Midland, Texas

Elevation above sea level at Top of Tubing Head.....3672..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 5922 to 6210 No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... 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 None to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

| CASING RECORD | | | | | | | |
|---------------|-----------------|-------------|--------|--------------|---------------------|--------------|-----------------------|
| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
| 8-5/8" | 24 | New | 732 | Guide | None | None | |
| 4-1/2" | 9.5 & 11.6 | New | 6238 | Float | None | 6214-6238' | Complete as oil well. |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| 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" | 732 | 400 | Halliburton | 34 | Native |
| 7-7/8 | 4-1/2" | 6238 | 900 | Halliburton | 40 | Chemical |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations (6714-38') with 500 gallons 7-1/2% BDA Acid.

Result of Production Stimulation..... Flowing 201 barrels oil, no water, 22/64" choke, tubing pressure 140#, gravity 42 degrees API.

..Depth Cleaned Out.....None

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 6240 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 6, 1960

OIL WELL: The production during the first 24 hours was 201 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 42 degrees @ 60 degrees F.

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

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..... | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen..... 1345 | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... 2180 | T. Granite..... | T. Dakota..... |
| T. Glorieta..... | T. | T. Morrison..... |
| T. Drinkard..... | T. | T. Penn..... |
| T. Tubbs..... | T. | T. |
| T. Abo..... 5732 (Abo Shale) | T. | T. |
| T. Penn 5922 (Abo Reef) | T. | T. |
| T. MSX 6214 (Base Abo Reef) | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|---------------------------|------|----|-------------------|-----------|
| 0 | 400 | 400 | Caliche & Sand | | | | |
| 400 | 530 | 130 | Sand & Shale | | | | |
| 530 | 1020 | 490 | Anhydrite Shale Salt | | | | |
| 1020 | 1210 | 190 | Shale & Sand | | | | |
| 1210 | 1340 | 130 | Anhydrite Shale | | | | |
| 1340 | 1380 | 40 | Sand & Shale | | | | |
| 1380 | 2040 | 620 | Anhy, Shale, Sand, & Dolo | | | | |
| 2040 | 2080 | 40 | Sand & Dolomite | | | | |
| 2080 | 3340 | 1460 | Dolomite | | | | |
| 3340 | 3760 | 220 | Sand & Sand Dolomite | | | | |
| 3760 | 4210 | 450 | Dolomite | | | | |
| 4210 | 4460 | 250 | Sandy, Shaley, Dolomite | | | | |
| 4460 | 5070 | 610 | Dolomite | | | | |
| 5070 | 5240 | 230 | Shaley, Sandy Dolomite | | | | |
| 5240 | 5732 | 492 | Dolomite & Shale | | | | |
| 5732 | 5922 | 190 | Green Shaley Dolomite | | | | |
| 5922 | 6214 | 292 | Reef Dolomite | | | | |
| 6214 | 6240 | 36 | Shaley Dolomite | | | | |

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.

July 25, 1960

(Date)

Company or Operator SAMEDAN OIL CORPORATION

Address 502 V. & J Tower, Midland, Texas

Name B. M. Vachal

Engineer