

Santa Fe, New Mexico

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

KEOHANE SAUNDERS WELCH & IVERSON

HINKLE A

(Company or Operator)

(Lease)

Well No. 44 in SW 1/4 of SW 1/4, of Sec. 35, T. 18S, R. 31E, NMPM.

UNDESIGNATED

Pool, **END**

..County.

Well is 990 feet from SOUTH line and 330 feet from EAST line.

of Section 35 If State Land the Oil and Gas Lease No. is FEDERAL LEASE 029392 A

Drilling Commenced 7/23/56, 19..... Drilling was Completed 10/11/56, 19.....

Name of Drilling Contractor..... **W. N. WELCH ESTATE**

Address ARTESIA, NEW MEXICO.

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

OIL SANDS OR ZONES

No. 1, from 3335 to 3345 No. 4, from _____ to _____

No. 2 from **3400** to **3460** No. 5. from _____ to _____

No. 3 from **3857** to **3869** 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 **3225** to **3255** 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
8			907	REG.			
7			700		RAN 3400 FT. KNOCKED OFF AT 2700		
4 1/2			3900				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8	907	50	BENTON		
	7	2700	50	DO		
	4½	3900	100	DO		

RECORD OF PRODUCTION AND STIMULATION

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

ON 10/23/56 SANDFRAC WITH 20,000# SAND AND 475 BBLs. LEASE OIL AND 470 BBLs. OF TREATING OIL AFTER PERFORATING THE 4 1/2" FROM 3857 TO 3869. WE HAD NO TEST PRIOR TO THIS TREATING BUT THE WELL MADE 240 BBLs. SWABBING. HOWEVER, THE WELL WOULD NOT FLOW. WE THEN SET PLUG AT 3472 AND PERFORATED WITH 4 SHOTS PER FOOT FROM 3400 TO 3460 AND TREATED WITH 20,000 BALLONS OF PETROGEL, 55,000# OF 20 TO 40 SAND; 10,000# OF 10 TO 20 SAND; 480 BBLs. OF TREATING OIL AND FLUSHED WITH 414 BBLs. OF LEASE OIL. TEST SHOWED 400 BBLs. IN 12 HOURS OF 34 GRAVITY OIL, FLOWING. THIS PLUG WAS LEFT IN. GRAVITY OF OIL IN LOWER PAY WAS 30.

Depth Cleaned Out.....

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

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from 0 feet to 3900 feet, and from _____ feet to _____ feet.

Put to Producing.....10/25/56....., 19.....

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

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.....	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.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

Company of Operator Keothane Saunders Address 1-27-56
Name John Callard Position or Title Agent
(Date)

10 GYP
 50 SAND AND RED BED
 160 RED ROCK AND RED BED
 755 SANDY RED BED
 788 ANHY.
 800 SANDY RED BED
 804 SALT
 887 ANHY.
 903 SALT
 1050 ANHY
 2210 SALT
 2275 ANHY
 2300 ANHY. & SHALE
 2375 ANHY.
 2575 ANHY. & SHALE
 2700 ANHY.
 2745 SAND & LIME
 2765 SAND-GRAY
 2775 RED SAND
 2865 LIME
 2900 SANDY LIME
 3125 LIME
 3185 SANDY LIME
 3215 RED SAND
 3225 LIME
 3240 RED GRAY SAND
 3325 LIME
 3335 RED SAND
 3338 OIL SAND
 3344 SAND
 3350 LIME
 3357 RED SAND
 3402 LIME
 3415 RED SAND
 3450 BROWN AND RED SAND
 3452 LIME
 3460 SAND
 3530 LIME
 3541 SAND
 3610 LIME
 3615 SANDY LIME
 3620 LIME
 3646 SANDY LIME
 3670 SAND
 3690 LIME
 3700 SAND
 3718 LIME
 3729 SANDY LIME
 3780 LIME
 3790 SAND
 3803 LIME
 3825 SANDY LIME
 3830 LIME
 3840 SANDY LIME
 3850 SAND
 3858 LIME
 3867 OIL SAND
 3872 SAND & LIME
 3900 LIME - T. D.

OIL SANDS IN MICHIGAN
 DEPARTMENT OF MINES
 GEOLOGICAL SURVEY
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