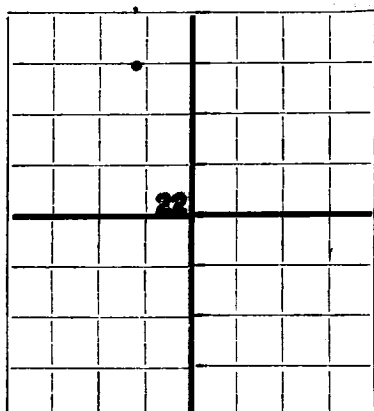


FORM C-105

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Shell Oil Company, Incorporated Box 1457 Hobbs, New Mexico
Company or Operator Address
Argo Oil Corporation A Well No. **3** in **NW/4** of Sec. **22**, T. **21-S**
Lease
R. **37-S**, N. M. P. M., **Drinkard** Field, **Lee** County.
Well is **660** feet south of the North line and **3300** feet west of the East line of **Sec. 22, 21-S, 37-S**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **Argo Oil Corporation**, Address **23. North, Texas**
If Government land the permittee is
The Lessee is **Shell Oil Company, Incorporated**, Address **Box 1457 Hobbs, New Mexico**
Drilling commenced **7-1** 19**48** Drilling was completed **8-19** 19**48**
Name of drilling contractor **Drilling & Exploration Co.**, Address **Hobbs, New Mexico**
Elevation above sea level at top of casing **3415** feet.
The information given is to be kept confidential until **Not confidential** 19.

OIL SANDS OR ZONES

No. 1, from **6385** to **6488** No. 4, from **6559** to **6597**
No. 2, from **6488** to **6517** No. 5, from **6597** to **6628 (not completely penetrated)**
No. 3, from **6517** to **6559** 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 to feet.
No. 2, from to feet.
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		PURPOSE
							FROM	TO	
13 3/8"	32.44	8RT	Baylar	210'	Texas Pattern				water shut off
8 5/8"	324	8RT	Nat'l	2905'	Floot shoe				salt exclusion
5 1/2"	15.44	8RT	Nat'l	6546'	Floot shoe				oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/8"	13 3/8"	286	250	Pump & Plug	9.5	
11"	8 5/8"	2918	1500	Pump & Plug	10.2	
7 3/8"	5 1/2"	6559	700	Pump & Plug	9.5	

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
Washed open hole 6559 to 6628' with 500 gallons mud acid and treated with 1000 gallons 15% acid.						

Results of shooting or chemical treatment **See O.P.T. below.**

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 **See reverse side.**

Rotary tools were used from **0** feet to **6628** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **8-18**, 19**48**
The production of the first 24 hours was **732.09** barrels of fluid of which **97** % was oil; **0** % emulsion; **0** % water; and **3** % sediment. Gravity, **Be 38.4 deg. A.P.I. corrected**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. **O.O.R. = 918**

EMPLOYEES

Ray Scarborough, Driller **M. E. Lench**, Driller
Joe Claunch, 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 **20th** **Hobbs, New Mexico** **August 20, 1948**
Place Day

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>NO SAMPLES TAKEN ABOVE 5540 FEET.</u>			
5540	5740	200	Dolomite, agattered fair secondary porosity with fair staining.
5740	6113	373	Dolomite with primary porosity, good and excellant fluorescent cuts to 6050'.
6113	6150	37	Sand
6150	6385	235	Dolomite
6385	6628	243	Dolomite, porous and oil stained.
<u>FROM ELECTRIC LOG</u>			
Base San Andres		5101'	
Top Paddock Pay		5163'	
Top Ellishay Pay		5573'	
Top Tubb Sand		6113'	
Top Drinkard Zone I		6385'	
T.D.		6628'	
<u>D.S.T. No. 11</u>	6468 - 6628'		5/8" x 1". 3 hours and 21 minutes. Gas to surface in 4 minutes, oil in 36 minutes. Flowed 52.4 barrels oil in 2 hours and 45 minutes. Gravity 38.6 deg. Gas oil ratio 888. Circulated out recovery.