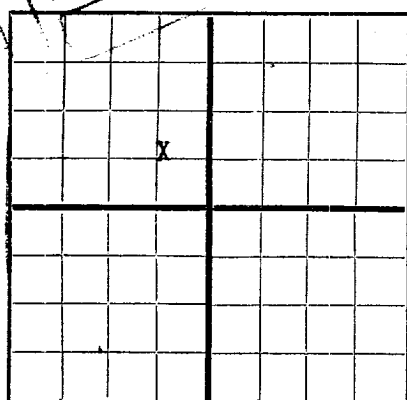


FORM C-105
DUPLICATE

RECEIVED
MAY 27 1949
HOBBS OFFICE

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.

Tide Water Associated Oil Company Drawer KK, Hobbs, New Mexico.
Company or Operator Address
S. J. Sarkeys Well No. **4** in **SE 1/4** of **NW 1/4** of Sec. **26**, T. **21-S**
Lease
R. **37-E**, N. M. P. M., **Drinkard** Field, **Lea** County.
Well is **1980** feet south of the North line and **3300** feet west of the East line of Section **26 - 21-S - 37-E**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **S. J. Sarkeys**, Address
If Government land the permittee is, Address
The Lessee is **Tide Water Associated Oil Company**, Address **Drawer KK, Hobbs, N.M.**
Drilling commenced **April 3,** 19 **49** Drilling was completed **May 6,** 19 **49**
Name of drilling contractor **Makin Drilling Company**, Address **Hobbs, New Mexico.**
Elevation above sea level at top of casing **3387'** feet.
The information given is to be kept confidential until **Not Confidential** 19

OIL SANDS OR ZONES

No. 1, from **6367'** to **6586'** 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 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	36#	Weld		283	Tex. Patt.				
8-5/8	32#	8-R	Nat'l.	1244					
8-5/8	24#	8-R	Nat'l.	1562	Baker				
5-1/2	15.5#	8-R	Nat'l.	6507'	Larkin				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	293' DF	300	Pump and Plug		
11"	8-5/8	2803' DF	1,200	Pump and Plug		
7-7/8	5-1/2	6515'	500	Pump and Plug.		

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
		15% Acid	2,000 Gals.	5-13-49	6550' -6586'	
		15% Acid	2,000 Gals.	5-15-49	6515' -6550'	

Results of shooting or chemical treatment **Increased production from 24 bbls a day to 231 bbls per day.**

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 **6586'** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **May 19,** 19 **49**
The production of the first 24 hours was **246** barrels of fluid of which **94** % was oil; **1-1/2** % emulsion; **4-1/2** % water; and % sediment. Gravity, Be. **40°**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

*Calculated from 11 hours potential test

John Wells, Driller **Huey Ingram**, Driller
Bill Brannum, 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 **23**

day of **May**, 19 **49**

Notary Public

My Commission expires **10/24/49**

Name **H. J. Tuffy** Date

Position **Associate Engineer**

Representing **Tide Water Assoc. Oil Company**
Company or Operator
Address **Drawer KK, Hobbs, New Mexico.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	300	300	Red Bed
300	920	620	Red Bed and Shells
920	1155	235	Anhydrite
1155	2443	1288	Anhydrite and Salt.
2443	3180	737	Anhydrite and Lime.
3180	6586' TD.	3406	Lime.
<u>DEVIATION TESTS BY TOTCO</u>			
<u>DEPTH</u>		<u>DEGREES OFF.</u>	
300'		0	
1000		1/4	
1500		1/4	
1700		1/4	
2050		3/4	
2230		1	
2500		3/4	
2800		1-1/2	
3175		1	
3475		1/2	
4450		1/4	
5000		3/4	
6486		3/4	
<u>DRILL STEM TESTS:</u>			
#1 6370'-6486' open 1 Hr, test no good, tool didn't open.			
#2 6378'-6486' open 1 Hr, gas in 15 minutes, strong blow throughout test, recovered 1150' of oil and gas cut mud.			
#3 6479'-6586' Open 3 hrs and 30 minutes, gas in 13 minutes, strong blow throughout at a rate of 415 MCF per day, recovered 810' of heavily oil and gas cut mud, 180' of clean oil, 150' of salt water. (12000 PPM).			