

DUPLICATE

FORM C-105

N


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Tide Water Associated Oil Company

Drawer KK, Hobbs, New Mexico

S.J. Sarkeys Company or Operator Well No. 2 in NW/4 of Sec. 26 Address 21-S  
Lease

R. 37-E, N. M. P. M., Drinkard Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of NW/4 of NW/4 of Sec. 26

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is S.J. Sarkeys Address Holdenville, Oklahoma

If Government land the permittee is Address

The Lessee is Tide Water Associated Oil Company Address As above

Drilling commenced August 11th, 1947 Drilling was completed Sept. 18th, 1947

Name of drilling contractor Makin Drilling Company Address Hobbs, New Mexico

Elevation above sea level at top of casing 3,593 feet (Derrick floor 3,403')

The information given is to be kept confidential until Not confidential 19 34

OIL SANDS OR ZONES

No. 1, from 6,480' to 6,557' 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 shown on log 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"OD	36#	P.E.	Amco	280'					
8-5/8"OD	32#	8-R	WTC	2,807'					
5-1/2"OD	17#	8-R	Spang	6,578'					
Tubing:									
2-3/8"	4.70#	8-R	Pitts.	6,552'	- Tubing perforations from 6,549' to 6,552'				

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"	13-5/8"	295'	300	Halliburton		
11"	8-5/8"	2,799'	1,400	"		
7-7/8"	5-1/2"	6,559'	500	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set  
Adapters—Material Size

RECORD OF CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		1,000 Gallons	15% Acid	9-25-47		

Results of shooting or chemical treatment Well swabbed approx. 2 bbls of oil per hour before acid, after acidizing well flowed 200.13 bbls of oil in 20 hrs. flowing on 3/8" choke

RECORD OF DRILL-STEM AND SPECIAL TESTS - See reverse side

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 6,545' T.D., and from - feet to - feet  
Cable tools were used from - feet to - feet, and from - feet to - feet

PRODUCTION

Put to producing September 26th, 1947  
The production of the first 24 hours was 200.13 barrels of fluid of which 99.6 % was oil; - % emulsion; - % water; and 4/10 % sediment. Gravity, Be. 41.4072  
If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -  
Rock pressure, lbs. per sq. in. No test - Gas-Oil Ratio 1136/1

EMPLOYEES

Fred Dawson Driller C.L. Elrod Driller  
F.L. Addicks 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 29th day of September, 1947 Hobbs, New Mexico, September 29th, 1947  
Name: Foreman  
Position: Foreman

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	75	75	Surface Clay
75	300	225	Red Bed
300	450	150	Red Bed, Shale & Shells
450	1127	677	Red Bed, Shells
1127	1294	167	Red Bed & Anhydrite
1294	1498	204	Anhydrite, Red Rock, Salt
1498	1857	359	Anhydrite & Salt
1857	2100	243	Anhydrite, Salt, Streaks of Gyp
2100	2335	235	Salt & Anhydrite
2335	2416	81	Anhydrite & Gyp
2416	2490	74	Anhydrite & Shells
2490	2640	150	Anhydrite
2640	2680	40	Anhydrite, Gyp, Dolomite
2680	2779	99	Anhydrite
2779	2800	21	Anhydrite & Lime
2800	6565' TD	3765'	Lime (Drilled out cement plug to 6,557')

FORMATION MARKERS:

Top Anhydrite	1,198'
Top Yates	2,565'
Glorietta	5,130'
Tabbs Sand	6,125'
Top Pay, Drinkard	6,480'

DEVIATION SURVEYS:

550'	SYFO	Off	0 Degrees
1050'	"	"	0 "
1250'	"	"	1/2 "
1500'	"	"	1/2 "
1750'	"	"	0 "
2000'	"	"	1 "
2250'	"	"	1 "
2500'	"	"	1-1/2 "
2750'	"	"	1 "
2800'	"	"	1 "
3000'	"	"	1 "
3500'	TOTCO	"	1/2 "
3750'	"	"	1/4 "
4000'	"	"	1/2 "
4200'	"	"	1/4 "
4500'	"	"	1/2 "
4750'	"	"	3/4 "
5000'	"	"	7/8 "
5250'	"	"	1 "
5750'	"	"	3/4 "
5750'	"	"	7/8 "
5970'	"	"	1-1/8 "
6000'	"	"	1/2 "
6090'	"	"	7/8 "
6250'	"	"	3/4 "

DRILL STEM TESTS:

#1 - 6,477-6565', packer set at 6,477', chokes 1-1/4" top, 5/8" bottom, Johnston Tool, open 1 hour, 30 minutes, recovered 3,000' oil and 600' oil cut mud.