DUPLICATE

FORM C-105

RECEIVED
SEP 2 1948
HOBBS OFFICE

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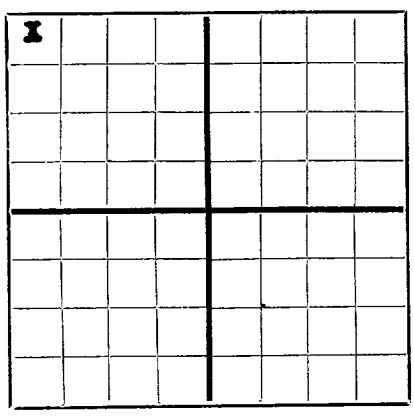

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Tide Water Associated Oil Company — Drawer KK, Hobbs, New Mexico.
Company or Operator — Address

State "S" Well No. 1 in NW/4 of Sec. 15, T. 21-S
Lease

37-E R., 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, NW/4, Sec. 15

If State land the oil and gas lease is No. B-9188 Assignment No. None

If patented land the owner is -, Address -

If Government land the permittee is -, Address -

The Lessee is Tide Water Associated Oil Company, Address Drawer KK, Hobbs, New Mexico

Drilling commenced June 25, 1948. Drilling was completed August 29, 1948

Name of drilling contractor Davidson Drilling Company, Address Fort Worth, Texas

Elevation above sea level at top of casing 3452 feet. 3461 D.F.

The information given is to be kept confidential until Not Confidential 19....

OIL SANDS OR ZONES

No. 1, from 6550 to 6660' 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 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 FROM	PERFORATED TO	PURPOSE
13-3/8	36	Welded	ARMCO	283	Tex. Pattern				
8-5/8	32	8-R	NTC	2821	Baker				
5-1/2	15.5	8-R	Pitts.	6688	Baker		6560	6600	Prod.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	13-3/8	293	300	Halliburton		
	8-5/8	2797	1200	Halliburton		
	5-1/2	6625	400	Halliburton.		

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% Dowell Mud Acid.	500	8-18-48	6625 -60	
-	-	15% Dowell Reg. Acid.	1750	8-20-48	6625 -60	
-	-	15% Dowell Reg. Acid.	1000	8-22-48	6560-6600	

Results of shooting or chemical treatment Open Hole 6625'-60': Swabbed 3 bbl. in 1 Hr. Natural, Swabbed and flowed 7 bbls. Hr. after 500 gallons, flowed 7.8 bbls. hr. after 1750 Gallons Perf. 6560-6600: Flowed 12.75 bbls. hr. natural, flowed 34-1/2 bbls. hr. after 1000 gallons.

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 6660 feet, and from ... feet to ... feet

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

PRODUCTION

Put to producing August 26, 1948

The production of the first 24 hours was 192.05 barrels of fluid of which 87 % was oil; ... % emulsion; 13 % water; and - % sediment. Gravity, Be. xx API 40

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. 2500#

EMPLOYEES

A. E. Sellers, Driller H. H. Harris, Driller

Lent Bryant., Driller ..., 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 2nd day of Sept., 1948

J. M. Vaughan
Notary Public

My Commission expires 10/24/49

Hobbs N.M. 9-2-48
Place Date

Name J. M. Tharp, Jr.

Position Field Engineer

Representing Tide Water Associated Oil Company
Company or Operator

Address Drawer KK, Hobbs, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	95	95	Caliche and Sand
95	1262	1167	Red Bed.
1262	1390	128	Anhydrite and Shale.
1390	1634	244	Salt - Shale and Anhydrite
1634	2445	811	Salt and Anhydrite
2445	2800	355	Anhydrite
2800	2962	162	Anhydrite and Lime.
2962	3820	858	Lime.
3820	3876	56	Sand Lime.
3876	6660	2784	Lime.

Top of Anhydrite 1300(
Top of Yates 2690'
Top of San Andres 3970'
Top of Glorietta 5180
Top of Tubbs 6157'
Top of Drinkard (Pay(6550'

Derrick Floor Measurements.

DST #1 - 4600' to 4180', tool open 1 Hr. Gas in 4 minutes, oil in 15 minutes, for 2 minutes, Mud again for 30 minutes, and died. 15 minutes S.I. Pressure 960#.

DST #2 - 6550' to 6660', tool open 2 Hrs. 15 minutes Gas in 7 minutes, mud in 1 hr. 55 minutes, oil in 2 Hrs. 3 minutes, Est. 3 bbls. Hr. Rec. 1440' oil cut mud.

DEVIATION SURVEYS

DEPTH	DEGREES OFF	DEPTH	DEGREES OFF	
305	0	3858	1/4	6221-1-3/4
600	0	4105	1/4	6250-1-3/4
900	0	4350	1/4	6252-1/3/4
1200	0	4450	1/2	6285-1/3/4
1600	1°	4550	1/4	6330-2
1700	1/2°	4650	1	6388-1-1/2
1816	1/2°	4750	1-3/4	6450-1-1/4
2300	1/2°	4785	1-1/2	6585-1-1/2
2390	1°	4825	1-1/2	
2421	3/4 °	4875	1-1/2	
2540	3/4 °	4965	1-3/4	
2625	1°	5002	1-1/2	
2800	3/4	5045	1-1/2	
3000	1/2	5135	1-1/2	
3188	1/4	5287	1-1/2	
3300	3/4	5390	1-1/4	
3500	1/4	5463	1-1/2	
3700	1/4	5670	1-1/8	
		5950	1-1/4	
		6156	2	
		6229	2-3/4	