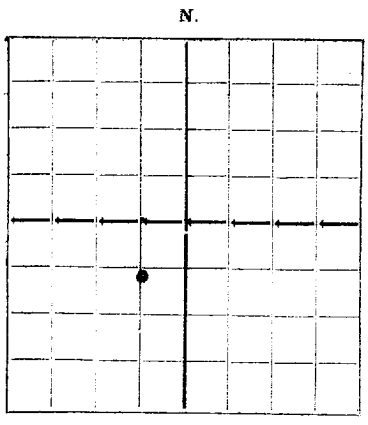
FORM C-105



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.

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

State "K" (Lease) Well No. 1 in SW¼ of Sec. 13, T. 20

R. 36, N. M. P. M., Monument Field, Lea County.

Well is 1980 feet S of the N line and 1980 feet E of the W line of Section 13-20-36.

If State land the oil and gas lease is No. _____ Assignment No. 5098-1

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Tide Water Associated Oil Company, Address Box 731-Tulsa, Okla.

Drilling commenced 6/25/37 19__. Drilling was completed 7/16/37 19__

Name of drilling contractor H.W. Bass Drlg. Co., Address Dallas, Texas.

Elevation above sea level at top of casing 3543 feet.

The information given is to be kept confidential until _____ 19__.

OIL SANDS OR ZONES

No. 1, from 3805 to 3810 No. 4, from 3859 to 3875

No. 2, from 3814 to 3820 No. 5, from _____ to _____

No. 3, from 3845 to 3857 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 80 to 95 feet. _____

No. 2, from 180 to 194 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"OD	40	8	LWS	198-9"	"				Surface String
9-5/8"OD	36	8	LWS ASE	2426-1"	Larkin				Salt String
7"OD	24	10	SS	3804-10	Larkin				Oil String
2-3/8"OD	4.7	10	SS	Tubing set at 3864' 14' off bottom with last 41 perforated with slots.					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13"OD	208	200	Halliburton	11#	Hole Full
12"	9-5/8	2433	700	"	11#	" "
8-3/4	7"OD	3790	350	"	11#	" "

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
		Halliburton	2000-Gals	7/15/37		

Results of ~~shooting or~~ chemical treatment Before treating well it swabbed about 2-bbls per hour, after treating with 2000-Gallons of Halliburton Acid it flowed 78-bbls per hour with estimated 1,500,000 cu ft gas.

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 3878 feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing July 18, 19 37

The production of the first 24 hours was 1672 barrels of fluid of which 99.9 % was oil; .1 % emulsion; _____ % water; and _____ % sediment. Gravity, Be 35

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

Rock pressure, lbs. per sq. in. _____

DUPLICATE

RECEIVED JUL 22 1937

EMPLOYEES

V.L. Marburger, Driller T.L. Fortenberry, Driller

J.L. Josey, 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 22 day of July, 19 37

Notary Public

My Commission expires October 24, 1939

Hobbs, New Mexico (Place) 7/21/37 (Date)

Name [signature]

Position Prod. Sup't.

Representing Tide Water Associated Oil Co. (Company or Operator)

Address Drawer KK Hobbs, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET		FORMATION
0	80	80		Caliche
80	95	15		Sand
95	134	39		Sand & Shells
134	180	46		Sand & Red Rock
180	194	14		Sand Rock
194	212	18		Red Bed
212	660	448		Red Bed & Red Rock
660	730	70		Sand
730	872	142		Red Bed & Red Rock
872	955	73		Red Rock & Sand Shells
955	970	15		Red Rock & Anhydrite
970	1007	37		Red Bed & Shells
1007	1035	28		Anhydrite
1035	1146	109		Red Bed & Anhydrite
1146	1150	4		Anhydrite
1150	1300	150		Red Bed & Anhydrite
1300	1322	22		Anhydrite, Shale & Salt
1322	1360	38		Anhydrite, Red Bed & Salt
1360	1378	18		Anhydrite
1378	1700	322		Anhydrite, Potash & Salt
1700	1740	40		Salt
1740	1780	40		Anhydrite & Potash
1780	1795	15		Anhydrite
1795	1909	124		Anhydrite, Potash & Salt
1909	2046	137		Anhydrite, Salt & Potash
2046	2060	14		Salt & Anhydrite
2060	2090	30		Salt
2090	2156	66		Potash, Salt & Anhydrite
2156	2190	34		Salt & Potash
2190	2211	21		Anhydrite & Potash
2211	2377	166		Salt & Anhydrite
2377	2655	278		Anhydrite
2655	2675	20		Brown Lime
2675	2690	15		Anhydrite
2690	2768	78		Brown Lime
2768	2817	49		Brown Lime & Anhydrite
2817	2830	13		Anhydrite
2830	2859	29		Brown Lime
2859	2890	41		Lime
2890	2907	17		Anhydrite
2907	2948	41		Lime & Anhydrite
2948	3107	159		Lime
3107	3173	66		Lime & Anhydrite
3173	3207	34		Lime
3207	3243	36		Lime, Anhydrite & Shells
3243	3250	7		Lime & Anhydrite
3250	3521	271		Lime
3521	3551	30		Brown Lime
3551	3805	254		Lime
3805	3878	73	TD	Lime, White, Gray & Sandy.
				Pay 3805'-3810' 3814'-3820' 3845'-3857' 3859'-3875'
				Best Pay 3845'-3859'