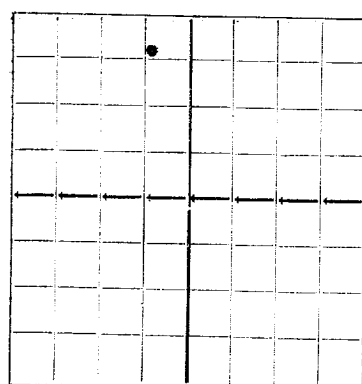


Santa Fe, New Mexico

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

Drawer KK, Hobbs, New Mexico.

State "J"

Company or Operator

4

NW 1/4

Address

17

T.

19

R. 37 Lease Well No. 4 in NW 1/4 of Sec. 17, T. 19 Monument Field, Lea County.

Well is 660 feet south of the North line and 1980 feet xx of the line of Sec 17/19/37

If State land the oil and gas lease is No. Assignment No. 4487-5

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 8/7/37 19 Drilling was completed 9/28/37 19

Name of drilling contractor Carl B. King Drlg. Co. Address Dallas, Texas

Elevation above sea level at top of casing 3709 feet. DF 3720'

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3995 to 4010	No. 4, from to
No. 2, from 4020 to 4030	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 60 to 80	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 TO	PURPOSE
13"OD	50	8	LWS	212'7"	TP			Surface String
9-5/8"OD	36	8	LWS	1446'5"	Baker			Salt String
8"OD	24	10	SS	3921'8"	Larkin			Oil String

## 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	233'	250	Halliburton	11#	Hole Full
12"	9-5/8"	1450'	550	"	11#	" "
8-3/4"	7"OD	3905'	400	"	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
		Chemical Process	2000-Gals	9/21/37		
		Chemical Process	3000-Gals	9/22/37		
4" and 5"		S.N.G.	300-Qts	9/25/37	3951'-4047'	

Results of shooting or chemical treatment When completed swabbed dry, treated W/2000-Gals. and it swabbed one barrel per hour, retreated with 3000-Gals. and it swabbed three barrels per hour, deepened to 4047' and shot with 300-qts S.N.G. and well flowed 9-bbls per hpr with estimated 150,000 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 4047 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing 9/25/37 19  
The production of the first 24 hours was 216 barrels of fluid of which 99.9% was oil; .1% emulsion; % water; and % sediment. Gravity, Be 32.5  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

Karl Matheay Driller A.A. Williams Driller  
B.D. Miller 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 1 Hobbs New Mexico 10/1/37

day of October 19 37

Notary Public

My Commission expires October 24, 1939

Name

Position Prod. Sup't.

Representing Tide Water Associated Oil Co.

Company or Operator

Address Drawer KK, Hobbs, New Mexico.

FROM	TO	THICKNESS IN FEET	FORMATION
0	60	60	Caliche & Sand
60	80	20	Sand
80	200	120	Red Bed
200	240	40	Red Bed & Shells
240	423	183	Red Bed
423	1060	637	Red Bed & Shells
1060	1189	129	Red Rock
1189	1253	64	Red Rock & Shells
1253	1323	70	Red Bed & Shells
1323	1394	71	Red Rock
1394	1495	101	Anhydrite
1495	1525	30	Red Bed & Salt
1525	1545	20	Salt
1545	1800	255	Anhydrite & Salt
1800	1990	190	Salt
1990	2400	410	Salt & Anhydrite
2400	2515	115	Salt
2515	2543	28	Anhydrite & Salt
2543	2842	299	Anhydrite
2842	2845	3	Brown Lime
2845	2866	11	Lime & Anhydrite Shells
2866	2888	22	Lime & Anhydrite
2888	2909	21	Brown Lime & Anhydrite Shells
2909	2979	70	Brown Lime
2979	3003	24	Gray Lime
3003	3188	185	Brown Lime
3188	3265	77	Gray Lime
3265	3507	242	Brown Lime
3507	3672	165	Gray Lime
3672	3679	7	Sandy Lime (Show Gas)
3679	3889	210	Gray Lime
3889	3896	7	Sandy Lime
3896	3946	50	Gray Lime
3946	3951	5	Sandy Lime (Show Gas)
3951	3965	14	Lime & Sandy Lime
3965	3975	10	Sandy Lime (Show Oil)
3975	3990	15	Gray Lime
3990	3995	5	Brown Lime
3995	4010	15	Sandy Lime (Good Show Oil)
4010	4020	10	White Lime
4020	4030	10	Sandy Lime (Show Oil)
4030	4037	7	Sandy Lime
4037	4047	10	Sandy Lime. Total Depth
			Pay:- 3995'-4010'
			4020'-4030'