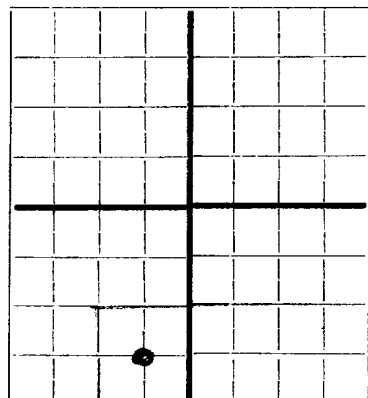


TRIPPLICATE

RECEIVED
JAN 11 1947
NEGATIVE

FORM C-105

N



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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Tide Water Associated Oil Company Drawer RA, Hobbs, New Mexico
Company or Operator Address
State 4 Well No. 1 in 38/4 of Sec. 38 T. 21S
Lease
R. 37E N. M. P. M. Drinkard Field, Lea County.
Well is 1,980 feet south of the North line and 1,980 feet west of the East line of 38/4, Section 38
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Tide Water Associated Oil Company Address As above
Drilling commenced October 15th 1946 Drilling was completed November 27th, 1946
Name of drilling contractor Olson Drilling Company Address Tulsa, Oklahoma
Elevation above sea level at top of casing 5,346 feet.
The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 5,311 to 5,343' No. 4, from to
No. 2, from 6,470 to 6,528' 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"	34 1/2	P.S.	Armed	320	Armed				
8-5/8"	32 1/2	8-24	Met'l	3022	Larkin				
5-1/2"	15.5 1/2	8-24	"	6576	"		6,470	6,528'	Production
2-3/8"	4.7 1/2	8-24	"	6545'					

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	333	350	Halliburton		
11"	8-5/8	3004'	1400	"		
7-7/8"	5-1/2	6536'	800	"		

PLUGS AND ADAPTERS None

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF ~~SHOOTING~~ CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Dowell Acid	2,000 Gal.	12/5/46	6500-6528'	

Results of shooting or chemical treatment See production test below

RECORD OF DRILL-STEM AND SPECIAL TESTS - See attached sheet

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 6,530' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing December 9th, 1946
The production of the first 24 hours was 278 barrels of fluid of which 99.9 % was oil; 0 % emulsion; 0 % water; and 1/10 of 1% % sediment. Gravity, Be.
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

EMPLOYEES

Carl Smith Driller C.E. George Driller
E.R. Williams 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 9th day of January, 1947
Hobbs, New Mexico 1/8/47
Place Date
Name J. B. Swenberg
Position Foreman E. G. Osberry
Tide Water Associated Oil Company

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Sand and Caliche
50	75	25	Sand
75	200	125	Shale and Shells
200	330	130	Red bed and red rock
330	345	15	Red rock
345	440	95	Sandy shale
440	1100	660	Red rock, shells
1100	1205	105	Anhydrite
1205	1220	15	Anhydrite and red rock
1220	1215	195	Anhydrite and salt
1215	1260	45	Salt
1260	1280	20	Anhydrite, salt
1280	2140	190	Anhydrite and streaks salt
2140	2425	285	Anhydrite and salt
2425	2620	195	Anhydrite
2620	2750	80	Anhydrite and Gyp
2750	2835	105	Anhydrite
2835	2945	110	Anhydrite and Gyp
2945	2987	42	Anhydrite
2987	3065	78	Anhydrite and Gyp
3065	3165	100	Anhydrite
3165	3245	80	Anhydrite and shale
3245	3690	445	Anhydrite
3690	3736	46	Anhydrite and lime
3736	3765	29	Lime, gray
3765	3810	45	Lime and Gyp
3810	4072	262	Lime
4072	4145	73	Sandy lime
4145	4272	127	Broken sandy lime
4272	4355	83	Broken lime
4355	5165	810	Lime
5165	5275	110	Lime, Sand
5275	5285	10	Sandy lime
5285	6530 TD	1245	Lime

FORMATION TOPS

Anhydrite	1,100'
Top Salt	1,480'
Base Salt	3,440'
Oil Pay	4,470'

TIDE WATER ASSOCIATED OIL COMPANY - STATE Q WELL NO. 1

<u>DEVIATION TESTS - SYFO</u>	<u>- DEPTH</u>	<u>DEGREES OFF</u>
	881'	1
	1,100'	0
	1,350'	1
	1,595'	1
	1,800'	1
	1,950'	1
	2,075'	1
	2,300'	1
	2,600'	1
	3,000'	1/2
	3,320'	1
	3,635'	1
	3,810'	1
	4,310'	1
	4,540'	1
	4,830'	1
	5,050'	1/2
	5,690'	0
	6,202'	1/2

DRILL STEM TESTS - BY HALLIBURTON

Date

11/14/46

From 5,211' to 5,243', packer set at 5,211', chokes 5/8" top and bottom, pressure 2,450#, tool open 3 hours, recovered 75' of oil, 120' of oil and gas cut mud, and 150' of oil and gas cut sulphur water.

11/28/46

From 6,459' to 6,530', packer set at 6,459', chokes 1" top, 5/8" bottom, tool open 2 hours and 20 minutes, recovered 6 stands (4-1/2" Drill Pipe) of pipe line oil, and 5 stands of oil and gas cut mud.

**OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO**

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator Tide Water Assoc. Oil Co. Lease State "Q"
 Address Drawer KK, Hobbs, New Mexico Box 1231, Midland, Texas
(Local or Field Office) (Principal Place of Business)
 Unit "H" Wells No. 1 Sec 36 T 21S R 37E Field Drinkard County Lea
 Kind of Lease State Texas-New Mexico Location of Tanks Centralized on Lease
 Transporter Pipe Line Company Address of Transporter Midland, Texas
Houston, Texas (Local or Field Office)
(Principal Place of Business) Percent of oil to be transported 100 Other transporters author-
 ized to transport oil from this unit are None %
 REMARKS:

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 21st day of December, 194 6.

Tide Water Associated Oil Company
(Company or Operator)

By J. E. Springer
 Title Dist. Foreman

State of Texas }
 County of Midland } ss.

Before me, the undersigned authority, on this day personally appeared J. E. Springer known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 21st day of December, 194 6

Notary Public in and for Midland County, C.A. Clarke Texas

Approved: 12-23- 194 6
 OIL CONSERVATION COMMISSION

By

Carl B. [Signature]

(See Instruction on Reverse Side)

Orig & 3cc.

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.