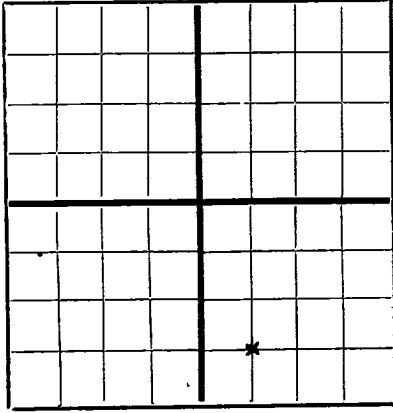


DUPLICATE

FORM C-105

RECEIVED
AUG 16 1948
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 KK, Hobbs, New Mexico.

Company or Operator

Address

Percy Hardy

Well No. 2

in SE/4

of Sec. 17

T. 21-S

Lease

R. 37-N

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

SW/4 SE/4

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

Assignment No. -

If patented land the owner is Percy Hardy

Address Dunlap, New Mexico.

If Government land the permittee is -

Address -

The Lessee is Tide Water Associated Oil Company

Address As above

Drilling commenced March 17,

1948

Drilling was completed April 28,

1948

Name of drilling contractor Holmerick and Payne Inc.

Address

Elevation above sea level at top of casing 3478 feet. Derrick Floor 3,488'

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

OIL SANDS OR ZONES

No. 1, from 5210 to 5397 No. 4, from to
No. 2, from 6523 to 6650 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	
17-3/8	36	P.E.	Amco	280'	Texas Pattern	-			
8-5/8	32	SR	Nat'l	2776	Larkin				
5-1/2	15.5	SR	Spang	6688	Larkin		6650	6625	Production
									squeezed top 7' of perforation with Dowell plastic

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	295	325	Halliburton		
11"	8-5/8	2800	1200	"		
7-7/8	5-1/2"	6650	500	"		

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
	By Dowell Inc.	15%	500 Gals.	5-9-48	6640-6650	

Results of shooting or chemical treatment 50 bbls. per day before 80 bbls. per day after on 1/2" Choke.

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 6650 T.D. feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing May 26, 1948
The production of the first 24 hours was 43.28 barrels of fluid of which 100% was oil; 0% emulsion; % water; and % sediment. Gravity, Be. 38.3 or 38.6 API
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

M. H. Sullivan, Driller G. H. Stambough, Driller
C. R. Monk, 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 14 day of August, 1948
Dorothy Jo Hardin, Notary Public

Hobbs, New Mexico, August 12, 1948
Name J. M. (May) J.
Position Field Engineer
Representing Tide Water Associated Oil Co.
Company or Operator
Address Drawer KK, Hobbs, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	43	43	Surface
0	60	17	Caliche and Shells.
123	123	63	Shale and Shells.
123	144	21	Hard Sand.
144	154	10	Shale and Shells.
154	379	225	Shells and Red Bed
379	606	307	Red Rock and Shells.
606	881	195	Red Bed and Shells.
881	893	12	Hard Sand
893	941	48	Sand, shale, and shells.
941	997	56	Shale and Anhydrite
1200	1200	203	Red Bed and Anhydrite
1417	1417	217	Red Rock and Anhydrite
1562	1562	145	Red Rock and Salt.
1707	1707	568	Red Rock and Anhydrite
1763	1763	330	Salt, Potash and Anhy. and Gyp.
1893	1893	127	Anhy. and Gyp. Salt.
2020	2020	45	Anhy. Linc and Gyp.
2065	2065	60	Anhy. Linc and Shale.
2125	2125	330	Linc and Anhy.
2455	2455	472	Linc and Shale.
2927	2927	203	Linc
3130	3130	521	Linc and Shale.L
3651	3651	2320	Linc-Total Depth.

FORMATION	MARKERS
T. Anhydrite	1215
T. Glorietta	5160
1 st. Paddock	5210
Base 3rd. Paddock	5397
Top Tubbs rd.	6120
Top Drinkard	6523

STRAIGHT HOLE TESTS

DEPTH	PERFORMANCE
112	1/2
511	0
892	0
1100	0
1500	0
1732	1/4
2150	1-1/2
2372	2-1/4
2525	2
2650	2
2750	1-3/4
3005	1-3/4
3090	1
3280	3/4
3350	1
3550	3/4
3870	1
4120	1
4600	1
4713	3/4
4810	3/4
4933	1
5000	1
5180	1
5400	3/4
5560	1
5563	1-1/2
5722	3/4
5790	1
5980	1-1/2
6075	3/4
6355	1-3/4
6450	1-3/4
6495	1

DRILL STEM TEST

4000 to 4210, lbs in 36 minutes, open 45 minutes. Recovered 2250' Mud, sulphur water, slight show of oil, gas out.

6553-6650, lbs in 3 minutes, and in 38 minutes, oil in 46 minutes. Flowed out 1-1/2 bbls. oil per hr., 2,994 MCF Gas per day. Rec. 210' oil, no water.

6482-6650, lbs in 6 minutes, and 53 minutes, oil in 58 minutes. Flowed 4-1/2 bbls. the 1st. hr., 3-1/2 bbls. 2nd. hr, and gas at the rate of 3,675. MCF per 24 hrs.

6620-6650, lbs in 6 minutes. Tool open 7 hrs. recovered 2800 Ft. oil Rec blow at rate of 165 MCF per 24 hrs.