

FORM C-145

N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

OCT 29 1951

OIL CONSERVATION COMMISSION  
HOBBS-OFFICE

## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Tide Water Associated Oil Company

Box 547, Hobbs, N. Mex.

Grady Best

Well No.

Company or Operator

1

in

SW/4 NE/4 of Sec.

Lease

27

T.

2-S

R. 29-E

N. M. P. M.

Wildcat

Field,

Roosevelt

County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of Sec. 27

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

If patented land the owner is Grady Best Address Portales, N. Mexico

If Government land the permittee is Address

The Lessee is Tide Water Associated Oil Company

Box 1404, Houston, Texas

Drilling commenced August 23

19 51

Drilling was completed

October 19

19 51

Name of drilling contractor Big West Drilling Company

Address Ft. Worth, Texas

Elevation above sea level at top of casing 4385 DF feet.

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

## OIL SANDS OR ZONES

No. 1, from None Logged to 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 Logged 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 TO	PURPOSE
13-3/8 36#		Spiral-Weld	Arco	280'	Tex. Pat.	-	-	Water
9-5/8 32#		8-R	-	2500'	Larkin	-	-	Protect Fresh/
5-1/2 17#		8-R	-	456'	Baker	-	-	Protection
								Testing

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8	294	300	Halliburton	-	Natural
12-1/4"	9-5/8	2499	1000	Plug	11.2#/gal.	-
8-3/4"	5-1/2	2424-2880'	100	Brown Plug	10#/gal.	

## 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
		Mud Acid	1000 gal.	10/17/51	2880-3060	-

Results of shooting or chemical treatment Swabbed 2 bbls. salt water per hour before treating;  
no change after treatment.

## 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 7277 feet, and from feet to feet.

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

## PRODUCTION

Put to producing Dry hole 19

The production of the first 24 hours was barrels of fluid of which % was oil; %

emulsion; % water; and % 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.

## EMPLOYEES

J. B. Johnson Driller J. E. Spurgin Driller

T. H. Howard 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

Hobbs, New Mexico October 23, 1951

day of 19

Name H. P. Shackelford

Position District Foreman

Notary Public

Representing Tide Water Associated Oil Co.  
Company or Operator.

My Commission expires

Address Box 547, Hobbs, New Mexico

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	190	190	Sand, Red Beds
190	320	130	Sandy Shale & Red Beds
320	1435	1115	Shale, Red Bed
1435	2363	928	Anhydrite, Shale
2363	2500	137	Anhydrite, Lime
2500	2915	415	Shale, Lime
2915	3213	298	Lime, Shale
3213	3954	741	Anhydrite, Lime, Shale
3954	4871	917	Gyp, Lime, Shale
4871	5098	278	Lime, Shale
5098	5242	144	Dolomite, Shale
5242	5525	283	Lime, Shale, Sand
5525	5774	249	Shale, Sand
5774	5948	126	Shale
5948	6122	174	Lime, Shale
6122	6180	58	Lime, Chert
6180	6457	277	Lime
6457	6528	71	Lime, Shale
6528	6971	443	Lime
6971	7186	215	Lime, Chert
7186	7265	79	Granite Wash
7265	7277	12	Granite

## DEVIATION SURVEYS

Depth	Declination
125'	1/2°
300'	3/4°
1250'	1/4°
1500'	1/4°
1750'	1/4°
2000'	3/4°
2250'	3/4°
3200'	3/4°
3550'	3/4°
4500'	1°
4625'	1°
4775'	2°
4860'	1-3/4°
5063'	1-3/4°
5275'	1-1/2°
5305'	1/2°
5675'	3-1/4°
5660'	3-1/2°
5774'	3-1/4°
5840'	2-3/4°
6000'	2-1/2°
6240'	2°
6460'	1°
6740'	1°
7040'	3/4°

## RECORD OF DRILL STEM TESTS:

- DST #1: 2915-40; slight blow, died; Rec. 325'  
Salty drilling water.
- DST #2: 2759-3060; slight blow, 9 minutes and died;  
tool open 1 hour; Rec. 80' of drilling mud;  
tool plugged.
- DST #3: 2824-3060; fair blow for 2 hrs., died; Rec. 1560'  
drilling mud; IFP 240 psig., FFP 675 psig.

Orig. & 2-cc - OCC ✓  
1-cc - Tulsa  
1-cc - Houston  
1-cc - Midland  
1-cc - File