



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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company      Box 1457, Hobbs, New Mexico  
Company or Operator      Address

State      Well No. 2      in Lot 12      of Sec. 2      T. 21-S  
Lease

R. 37-E; N. M. P. M., North Drinkard      Field, Lea      County.

Well is 660 feet south of the North line and 4620 feet west of the East line of Sec. 2

If State land the oil and gas lease is No. B-9745      Assignment No.

If patented land the owner is      Address

If Government land the permittee is      Address

The Lessee is Shell Oil Company      Address Box 1457, Hobbs, New Mexico

Drilling commenced 10-27-1949      Drilling was completed 11-29-1949

Name of drilling contractor Olson Drilling Co.      Address Midland, Texas

Elevation above sea level at top of casing 3487 feet.

The information given is to be kept confidential until nat. confidential 19

OIL SANDS OR ZONES

No. 1, from 6585 to 6760      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      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"	32.4#	8R	Naylor	213'	Texas Pattern				Water protection
8 5/8"	32#	8R	National						
	28.55#	8R	Chester	2926'	Cameron				Salt protection
5 1/2"	17#	8R	Republic	6651'	Cameron				Oil string

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"	224'	300	Pump & plug		
11"	8 5/8"	2936'	2200	Pump & plug		
7 7/8"	5 1/2"	6660'	600	Pump & plug		

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
		LST acid	1000 gals.	12-3-49	6660-6760	

Results of shooting or chemical treatment Acidized w/1000 gallons 15% LST acid from 6660 to 6760'. Well kicked off and flowed 205 bbis. fluid cut 11% BS and acid water in 2 1/2 hrs.

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 6760 feet, and from      feet to      feet

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

PRODUCTION

Put to producing 12-5-49

The production of the first 24 hours was 513.30 barrels of fluid of which 85% was oil;      % emulsion; 15% water; and      % sediment. Gravity, Be. 39.0° API corr.

If gas well, cu. ft. per 24 hours 408 MCF      Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.      GOR = 934

EMPLOYEES

Gene Evans      Driller      Carl Smith      Driller

R. K. Dickenson      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 December, 1949

Geraldine Conner      Notary Public

Hobbs, New Mexico      12-6-49 Date

Frank R. Lovering      District Superintendent

Representing Shell Oil Company

My Commission expires      Address Box 1457, Hobbs, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2700	2700	No samples taken
2700	3265	565	Anhydrite & lime
3265	6760	3495	Lime, dolomite, anhydrite & shale
SCHLUMBERGER TOPS:			
	5305	Danse Zone	
	5361	Paddock	
	6585	Drinkard	
<u>DST #1</u>	6649-6756		5/8" BC & 1" TC. Tool open 210 min. Gas to surface in 45 min. Moderate gas blow thereafter. FBHP 1800 p.s.i. 15 min. shut in BHP 2420 p.s.i. <u>Positive Test.</u>
<u>DST #2</u>	6651-6756		5/8" BC & 1" TC. Tool open 125 min. Good air blow throughout test. Recovered 4380' (6.2 bbls.) oil & mud, no water. FBHP 1400 p.s.i. 15 min. shut in BHP 2250 p.s.i. <u>Positive Test.</u>