



N											
R-37-E											
T											
21											
S											
Sec. 2											

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

State _____ Company or Operator _____ Address _____
Well No. 4 in SW/4 of Sec. 22, T. 21-S, R. 37-E
Lease _____ North Drinkard Field, Lea County.
Well is 710 feet ~~South~~ North of the ~~North~~ line and 4670 feet west of the East line of Sec. 22, T-21-S, R-37-E
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 10-12-50 19 _____ Drilling was completed 11-11 1950
Name of drilling contractor E. F. Moran, Inc. Address Hobbs, New Mexico
Elevation above sea level at top of casing 3457 feet.
The information given is to be kept confidential until Not confidential 19 _____

OIL SANDS OR ZONES

No. 1, from 6558 to 6718 (TD) 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"	48#	8R	Youngstown	216'	Larkin				Water string
8 5/8"	32#	8R		3139'	Cameron				Salt string
5 1/2"	15.5#	8R	Mixed	6525	Cameron				Oil string
2 3/8"	4.7#	8R		6716			6702	6710	Tubing 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 1/4"	13 3/8"	228	250 reg.	Pump & plug		
11"	8 5/8"	3150	1700	Pump & plug		
7 7/8"	5 1/2"	6536	500	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters — Material _____ Size _____

RECORD OF ~~EXPERIMENTAL~~ CHEMICAL TREATMENT

SIZE	CONCENTRATION	CHEMICAL USED	QUANTITY	DATE	DEPTH TREATED	RESULTS
		15% LST acid	1000 gals.	11-16-50	6536-6718	

Results of ~~experiment~~ chemical treatment Flored 179 bbls. oil in 24 hrs.

RECORD OF DRILL-STEM AND SPECIAL TESTS See Reverse Side

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 6718 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 11-18 19 50
The production of the first 24 hours was 179 barrels of fluid of which 99.6% was oil; _____% emulsion; 0.4% BS & _____% water; and _____% sediment. Gravity Be. 39.2° API corrected
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ GOR 652

EMPLOYEES

C. B. Riggs _____ Driller J. L. Mahan _____ Driller
J. R. Matthews _____ 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 20th

day of November 1950

Notary Public

My Commission expires My Commission Expires Sept. 16, 1954

Hobbs, New Mexico 11-20-50

Name L. O. Stern To Stern

Position District Exploitation Engineer

Representing Shell Oil Company Company or Operator

Address Box 1457, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	107	107	Caliche
107	1332	1225	Red Beds
1332	2522	1190	Anhydrite & Salt
2522	6718	4196	Dolomite w/streaks anhydrite, shale & silt.
TOPS BY SCHLUMBERGER:		Glorietta 5240 (-1772) Paddock 5297 (-1829) Drinkard Zone I 6558 (-3090) Drinkard Zone II 6657 (-3189) Drinkard Zone III 6693 (-3225)	
DST #1:	6535-6718		5/8" BC & 1" TC on 3 1/2" DS. Tool open 60 min. Gas to surface in 6 min. Volume TSTM. Recovered 5730' (42.6 bbls.) clean oil cut w/gas; 90' (0.67 bbls.) mud cut oil; 90' (0.67 bbls.) oil & gas cut mud; no water. FBHP 900-1175 p.s.i. 15 min. SIBHP 1625 p.s.i. MCP 3225 p.s.i. <u>Positive Test.</u>