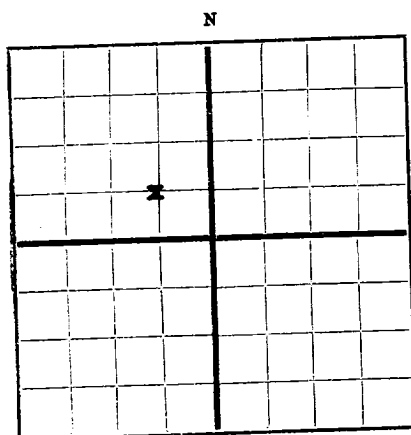
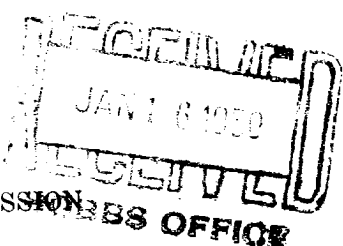


AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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.

Box 1457, Hobbs, New Mexico

Address

21-S

22

T

Lea

County.

N. M. P. M.

Hare

Field,

37-E

R.

1980

Well is

feet south of the North line and

3300

feet west of the East line of

Sec. 22, T21-S, R37-E

If State land the oil and gas lease is No.

Assignment No.

If patented land the owner is

Address

Fort Worth, Texas

If Government land the permittee is

Address

The Lessee is

Shell Oil Company

Address

Box 1457, Hobbs, New Mexico

Drilling commenced

11-10

19

49

Drilling was completed

1-3

19

50

Name of drilling contractor

Thompson-Carr

Address

Odessa, Texas

Elevation above sea level at top of casing

3419

feet.

The information given is to be kept confidential until

Not confidential

19

OIL SANDS OR ZONES

No. 1, from 6385 to 6626 (Drinkard) No. 4, from to
No. 2, from 7386 to 7489 (McKee) 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	H-40	227'					Water string
8 5/8"	32#								Salt string
	28.55#	8R	H-40	2895'					
5 1/2"	17# & 15.5#	8R	J-55	7663'	Larkin		7381	7440	Oil string
							7456	7492	
2 3/8"	4.7#	8R		7522' (Hung & 7594')			7492	7507	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 1/2"	13 3/8"	245	300	Pump & plug		
11"	8 5/8"	2910	200	Pump & plug		
7 7/8"	5 1/2"	7670	600	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material: None 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
None						

Results of shooting or chemical treatment: None

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 7810 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 1-9 19.50
The production of the first 24 hours was 510 barrels of fluid of which 99.8% was oil; None% emulsion; None% water; and 0.2% sediment. Gravity: 48.2° API
If gas well, cu. ft. per 24 hours: Gallons gasoline per 1,000 cu. ft. of gas: G.O.R. 1098
Rock pressure, lbs. per sq. in.:

EMPLOYEES

A. A. Ferguson, Driller A. C. Bowers, Driller
L. D. Rushing, 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 12th

Hobbs, New Mexico 1-12-50
Name Frank R. Lovering Date

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	120	120	Caliche
120	1200	1080	Red beds and sand
1200	2910	1710	Salt and anhydrite
2910	7345	4435	Dolomite, lime & anhydrite
7345	7386	41	Shale and detrital
7386	7489	104	McKee sand and shale, oil & gas bearing
7489	7650	161	Sandy lime and shale
7650	7755	105	Dolomite
7755	7784	29	Granite wash
7784	7810	26	Granite
T.D.	7810		Granite
TENTATIVE TOPS BY SCHLUMBERGER:			
Pernian/McKee contact		7386	
Base McKee		7489	
Ellenburger		7670	
Granite Wash		7750	
Granite		7784	
Total Depth		7809 (By Schlumberger)	
<u>DST #1: 6490-6546</u> (Drinkard)			Tool open 222 min. Gas to surface in 4 min. Initial rate 700 MCF/day. Mud to surface in 30 min. Oil in 45 min. Flowed estimated 25 bbls. oil in 170 min. Gravity 40° API. Estimated GOR 3070. FBHP 225 to 395 p.s.i. 20 min. shut in BHP 1650 p.s.i. Hydrostatic mud head 2975 p.s.i. <u>Positive Test.</u>
<u>DST #2: 6547-6630</u> (Drinkard)			5/8" BC & 1" TC. Tool open 110 min. Gas to surface in 7 min. Slight blow of gas throughout test. Gas volume too small to measure. Recovered 200' (1.4 bbls.) oil & gas cut mud. FBHP 0 to 160 p.s.i. 15 min. shut in BHP 900 p.s.i. Hydrostatic mud head 3275 p.s.i. <u>Positive Test.</u>
<u>DST #3: 7330-7550</u> (McKee)			1" BC & 1" TC. Tool open 82 min. Gas to surface in 6 1/2 min. Mud in 8 min. Oil in 9 min. Flowed to tank for 1 hour w/30 min. gauges as follows: 1st - 30 bbls. oil, 2nd - 25 bbls. oil, 3rd - 25 bbls. oil & 4th - 25 bbls. oil. GOR 840. FBHP 2500 p.s.i. 15 min. shut in BHP 2775 p.s.i. <u>Positive Test.</u>
<u>DST #4: 7550-7625</u> (Lower Simpson)			1" BC & 1" TC. Tool open 60 min. Moderate blow immediately and throughout test. Gas to surface in 45 min., volume too small to measure. Recovered 150 (1.1 bbls.) heavily gas cut mud. FBHP 485 to 540 p.s.i. 15 min. shut in BHP 1210 p.s.i. Hydrostatic mud head 3750 p.s.i. <u>Positive Test.</u>
<u>DST #5: 7672-7810</u> (Ellenburger & granite wash)			1" BC & 1" TC. Tool open 24 min. Slight air blow immediately. Died after 15 min. Recovered 25' (0.2 bbls.) drilling fluid w/slight oil rainbow. FBHP 150 p.s.i. 15 min. shut in BHP 150 p.s.i. Hydrostatic mud head 4075 p.s.i. <u>Positive Test.</u>