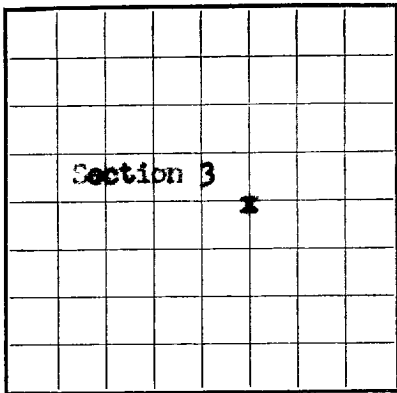


U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC-060398-B
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company Shell Oil Company
(Agent for The Texas Co.) Address Box 935, Roswell, New Mexico
Lessor or Tract Little Lucky Lake Unit Field West Menasha-Grayburg State New Mexico
Well No. 3 Sec. 3 T. 16-S-30-E Meridian N10W County Eddy
Location 3322 ft. S. of N Line and 1980 ft. E. of E Line of Section 3 Elevation 3883'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed Rex C. Cabaniss Original Signed By Rex C. Cabaniss

Date January 27, 1959 Title District Exploitation Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling January 6, 1959 Finished drilling January 16, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2832' to 2841' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	32	8rd	J-55	445'					Surface string
5 1/2"	28.5	8rd	J-55	2925'	Larkin		2832'	2841'	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	457'	250	Pump & Plug	Cemented to surface	
5 1/2"	2934'	200	Pump & Plug		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 2934 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 27, 1959 Put to producing January 25, 1959

The production for the first 24 hours was 200 barrels of fluid of which 92.4% was oil; -% emulsion; -% water; and -% sediment. 0.65 sand Gravity, °Bé. 36 deg.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	450	450	Surface sands, Caliche & Red beds
450	1200	750	Salt & Anhydrite
1200	2100	900	Anhydrite, Dolomite & shale
2100	2934	834	Anhydrite, Dolomite, Sand, & shale
LOG DATA:			
Yates	1362' (+2523')		
Queen	2130' (+1755')		
Grayburg	250' (+1377')		
Premier	2813' (+1072')		

[illegible]

Spudded - 9:00 AM, 1-6-59 W/11" bit. Lost circulation - 170'. Drilled
1-2nd and returned partial returns - 250'. Cemented 6 5/8" casing at 157'.
W/250 ex. regular neat cement. Placed per gravel around casing from surface
to top of cement. After 250 tested casing W/300 psi. Test OK. Drilled
ahead with 2 7/8 bit to 2890'. Ran oil and gas surveys. Drilled to 2890'.
2890'. Cemented 5 1/2" casing - 2930'. W/200 ex. cement. Released at 1-17-59.
Drilled an pulling unit. Tested casing W/300 psi for 30 minutes. Test OK.
Ran 2" tubing to 2900'. Displaced water w/oil & spotted 250 gallons W/200
psi on bottom. Filled tubing and perforated casing 2932' - 2871' W/2 1/2".
Drilled formation W/20,500 gallons lease or else containing 3,000' sand and
0.25 volume/gallon. Ran 2" tubing - 2700'. Ran sand pump & cleaned
out 110' sand fill at bottom. Shipped 6 barrels oil & well cleaned off and
flowed. Flowed load oil back then on 110' flow 250 bbls (based on 70' in
6 hours) out 0.65 sand, then 20/60 choke. 110' flow 1st. 75 psi.
(Leaving 30 deg. AM. 200 237'. Accretion completion rate 1-25-59.

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6 hours) out 0.65 sand, thru 20/60 choke, 17.140 gal. in 75 gal. (weight) 36 deg. API. Jan 237. Electrical completion date 1-25-59.