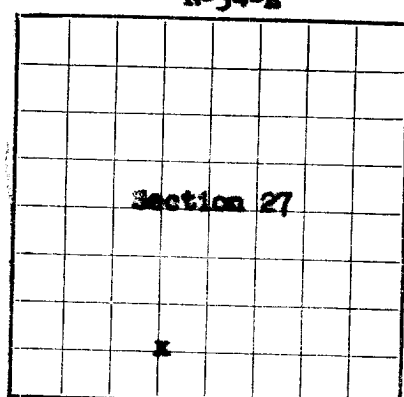


R-34-E

U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **LC-071949**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

T 1962 AUG 21 UNITED STATES
23 DEPARTMENT OF THE INTERIOR
8 GEOLOGICAL SURVEY**CONFIDENTIAL****LOG OF OIL OR GAS WELL**Company **Shell Oil Company** Address **P. O. Box 1858, Roswell, New Mexico**Lessor or Tract **Harris-Federal** Field **Wildcat** State **New Mexico**Well No. **1** Sec. **27** T. **23S** R. **34E** Meridian **NM** County **Lea**Location **660** ft. **(N.)** of **S** Line and **1980** ft. **(E.)** of **W** Line of **Section 27** Elevation **3483'**
(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 **R. A. Lowery** Original Signed By **R. A. LOWERY**Date **August 21, 1962**Title **District Exploitation Engineer**

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

Commenced drilling **December 26**, 19 **61** Finished drilling **July 28**, 19 **62****OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **14,655'** to **14,832' (G)** 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—	
16"	65#	8rd	National	300					Surface
10 3/4"	31#	8rd	National	1190					Intermediate
7 5/8"	25 1/2#	8rd	National	1190					Intermediate
5 1/2"	19.81#	8rd	Youngstown	290					Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	325'	400	Pump & Plug	Cemented to surface	
10 3/4"	5098'	2475	Pump & Plug	Cemented to surface	
7 5/8"	11942'	1100	Pump & Plug		
5 1/2"	14655'	300	Pump & Plug	Circulated behind liner	

PLUGS AND ADAPTERSHeaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____**SHOOTING RECORD**

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

TOOLS USEDRotary tools were used from **775** feet to **14,832** feet, and from _____ feet to _____ feetCable tools were used from **0** feet to **775** feet, and from _____ feet to _____ feet**DATES**Put to producing **August 9**, 19 **62**The production for the first 24 hours was **65** barrels of fluid of which **92** % was oil; _____ % emulsion; **3** % water; and _____ % sediment.Gravity, °Bé. **Oil 56 deg. Gas 0.695**If gas well, cu. ft. per 24 hours **41 Million** 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	250	250	Surface sands
250	852	602	Red Beds
852	5025	4173	Salt, Anhydrite, Shale
5025	5095	70	Limestone
5095	8556	3461	Sand, Shale, Limestone
8556	14655	6099	Sand, Shale, Limestone, Chert
14655	14832	177	Dolomite
LOG TOPS:			
Base Red Beds		852' (+2631')	
Delaware Limestone		5025' (-1542')	
Delaware Sand		5095' (-1612')	
Bone Spring		8556' (-5073')	
Wolfcamp		11388' (-7905')	
Pennsylvanian		11740' (-8257')	
Des Moines		11801' (-8318')	
Atoka		11973' (-8490')	
Mississippian		13961' (-10478')	
Mississippian Limestone		14063' (-10585')	
Woodford		14424' (-10941')	
Silurian		14641' (-11158')	

LEON

LO

LOUTER

[OVER]

LEON

16-48004-8

FORMATION BELOW—CONTINUED

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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CRIME RECORD

70° 3' 30" N	10° 3' 30" E	70° 3' 30" N	10° 3' 30" E
70° 3' 30" N	10° 3' 30" E	70° 3' 30" N	10° 3' 30" E

See Attachment ORIGINAL AXLE EVANG

40' 3" ПОЛН	40' 6" ПОЛН
40' 3" ПОЛН	40' 2" ПОЛН
40' 1" ПОЛН	40' 1" ПОЛН

(Продолжить по 6)

OUT OF CASE SYMPOS OF ZONE

Continued from page 10

Approved on the basis of the completion of the non-approval process

DATE: March 15, 1968 JAMES W. HARRIS, JR., Director of Alcohol

TO THE HONORABLE THE SECRETARY OF THE ARMY, WASHINGTON, D. C.

PROCESSED BY THE FBI ON 04-11-68

INVESTIGATION OF THE EFFECTS OF AEROSOLIZED BACTERIAL VACCINES ON THE IMMUNE RESPONSE IN MICE

FOUO: MFRS CORRECTION

ГОСУД. АКАД. СОВБЕСЕД.

PAGE TWO

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ГЕОЛОГИЧ. ЗНАЧЕН

DEPARTMENT OF THE INTERIOR

UNITED STATES

THREE FOUR FIFTY TWO, ROSS STREET

SECRET NUMBER 100-100000

U.S. MARSHAL SERVICE