

R-36-E

Section 22

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER NM-058677
LEASE OR PERMIT TO PROSPECT _____

1982 MAY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address Box 1858, Roswell, New Mexico
 Lessor or Tract Bate-Federal Field South Prairie State New Mexico
 Well No. 1 Sec. 22 T. 8S R. 36E Meridian NMPM County Roosevelt
 Location 660 ft. XX of N. Line and 1980 ft. XX of E. Line of Section 22 Elevation 4099
 (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 *R. A. Lowery*
Date April 24, 1962 Title District Exploitation Engineer

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

Commenced drilling March 9, 19 62 Finished drilling April 15, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9677 to 9692 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting.	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8"	48#	8R		363'					Surface
8 1/2"	2 1/2#	8R	W. L. S. S.	1110'	Guide				Immediate
4 1/2"	8 1/2#	8R	W. L. S. S.	9750'	Guide		9677'	9684'	Oil
	11 1/2#	8R	W. L. S. S.				9688'	9692'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13- 3/8"	375'	380	Pump & Plug	Cemented to surface	
8- 5/8"	412'	400	Pump & Plug		
4- 1/2"	976'	250	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 9761 feet, and from _____ feet to _____ feet

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

DATES

~~March 9~~, 19~~62~~ Put to producing ~~April 19~~, 19~~62~~

The production for the first 24 hours was 27 barrels of fluid of which 30% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 47.3 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	320	320	Surface Sand & Caliche
320	2323	2143	Red Beds
2323	2814	491	Anhydrite & Salt
2814	4045	1231	Anhydrite, salt, sand and shale
4045	5435	1390	Anhydrite, dolomite, sand and shale
5435	9006	3571	Dolomite and shale
9006	9761	754	Dolomite, limestone and shale
Log Tops:			
Base Red Beds		2323	(+1776)
Base		2814	(+2267)
Base Andres		4045	(+ 54)
Base		5435	(-1406)
Base		7756	(-3657)
Base		9006	(-4907)
Base		9761	(-5575)

Log Tops:

Base Red Beds
Yates
San Andres
Yeso
Abo
Wolfcamp
Bough "C"

2323	(+1776)
2514	(+1235)
4045	(+ 54)
5505	(-1405)
7756	(-3657)
9006	(-4907)
9674	(-5575)

[OVER]

16-43094-8

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

100

CONFIDENTIAL

The information in this report is a complete and correct record of the work and all work done thereon as far as can be determined from all available records.

Commenced drilling on the _____, 19____. Finished drilling _____, 19____.

The summary on this page is for the condition of the well as above data.

Date _____

(c) `void store()`

API 0-25 BEER - 608 - 1178.
No. 2 from 15/619 choker; FLP 700-800 per gravity 49.3
No. 1 from 15/619 choker; FLP 700-800 per gravity 49.3

Root. Recovered load.

Shovel Bore Federal #1 was sounded at 4:15 PM, MSL, 3-9-62. Drilled 17 1/2" hole to 375' and cemented 13 3/8" casing at 375' w/ 300 sx. Drilled with 17 1/2" bit to 4122'. and cemented 8 5/8" casing at 4122' w/ 400 sx. Drilled with 7 7/8" bit to 9761'. R-1 GR/N Survey ID - surface; IT-3, ID-8800 and 5600-4100; MTL, ID-8800 & 5600-4100. Cemented 4 1/2" casing at 9761' w/ 250 sx. RND 9/29'. Spotted 350 gal 15% MCA on bottom. Run 13400' Log. Performance 4 1/2" casing 9671'-9688' and 9688'-9698' w/ 2 jet shots per foot. Recovered load.

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.

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

100