

MOBBS

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

NM - 01917

MOBBS. OCT 10 1962

DEC 17 1962

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Gulf Oil Corporation Address P. O. Box 980, Kermit, Texas
Lessor or Tract Federal Hanagan "D" Field Double "X" State New Mexico
Well No. 4 Sec. 11 T. 24S R. 32E Meridian NMPM County Lea
Location 1980 ft. S. of N Line and 1980 ft. E. of W Line of Section 11 Elevation 3645.35
(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 W. W. WHITAKER Title Area Engineer
Date December 18, 1962

The summary on this page is for the condition of the well at above date.
Commenced drilling October 20, 1962 Finished drilling November 1, 1962

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ 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	24	8	J-55	353	Larkin	None	None		
4-1/2	9.5	8	J-55	4990	Davis	None	Notched 4920'		Delaware Sand

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	367	135	P&P		
4-1/2	5006	150	P&P		

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 5007 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing December 5, 1962
The production for the first 24 hours was 107 barrels of fluid of which 41 % was oil; _____ %
emulsion; 59 % water; and _____ % sediment. Gravity, °Bé. _____
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	14	14	Derrick Floor to ground
	540	526	Caliche & Surface Sand
	1175	635	Red Beds
	1370	195	Anhydrite
	3380	2010	Salt
	4914	1534	Anhydrite & Salt
	4960	46	Shale & Lime
	5007	47	Sand
			4920' Plug Back Depth
			1175" Top Rustler
			3380 Base Salt
			4914 Top Delaware
			Tops from electric log

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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.

DEVIATIONS

10	356	1-1/2°	2249	3-3/4°	@ 4510
20	1230	1-1/2°	3820	4°	@ 4970

TREATMENT

11-30-62 - Cut notch @ 4970', acidized w/1000 gal 15% NE, breakdown formation @ 2800#, TP 2400, AFR 9.6 BPM. Swabbing to recover load oil and test.

12-10-62 - Installing pumping equipment.

12-16-62 - Pumped 44 B0, 63 HW, 2-3/8" tubing 13-64" SPM, 24 hours, spot GV 50 MCFPD, GOR 1136.

LOCATE WELL CORRECTLY

HOBBS

U. S. LAND OFFICE

NM - 01917

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

1962 DEC 27

UNITED STATES

27 NOV 9 43
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

HOBBS, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Gulf Oil Corporation Address P. O. Box 980, Kermit, Texas

Lessor or Tract Federal Hanagan "D" Field Double "X" State New Mexico

Well No. 4 Sec. 11 T. 24S R. 32E Meridian NMPM County Lea

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(Derrick floor relative to sea level)

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Signed W. W. WHITAKER

BY

Date December 18, 1962 Title Area Engineer

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(Denote gas by G)

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IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	367	135	P&P		
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SHOOTING RECORD

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TOOLS USED

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

DATES

-----, 19----- Put to producing -----~~December 5~~-----, 19-~~62~~

The production for the first 24 hours was ~~107~~----- barrels of fluid of which ~~41~~-----% was oil; -----% emulsion; ~~59~~-----% water; and -----% sediment. Gravity, °Bé. -----

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

FORMATION RECORD			
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			4914 Top Delaware
			Tops from electric log

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

LIST OF 2013 TO 2014

11-30-62 - Cut notch @ 4970', acidized w/1000 gal 15% HF, breakdown formation @ 2800#, frac treated w/1000 gal of gel lease oil, TP 2400#, AIR 9.6 RTM. Drabbing to recover lost oil and test.

TREATMENT

1	356	1-1/2°	2249	3-3/4°	@ 4510
2	1230	1-1/2°	3820	4°	@ 4970

SECRET

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HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]