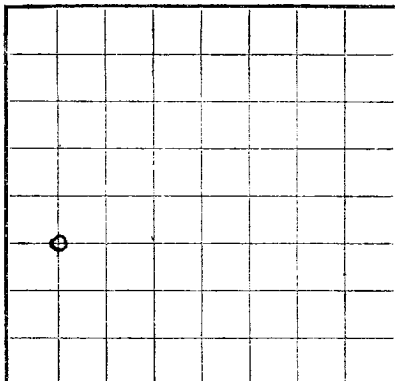




LOCATE WELL CORRECTLY

RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

M-0512

RECEIVED
JUN 1 1960

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Lessor or Tract North Caverns Unit Field Wildcat State New Mexico
Well No. 1 Sec. 11 T. 23S R. 24E Meridian N 49° E County Eddy
Location 1980 ft. ^[N.] of S. Line and 660 ft. ^[E.] of W. Line of Sec. 11-23-24 Elevation 4016'
(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 _____

Date June 1, 1960 Title Area Production Manager

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

Commenced drilling February 21 1960 Finished drilling May 24, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None - Dry 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—	
13-3/8	48	Unk	Unk	1231'	Guide				Surface Pipe
9-5/8	40	Unk	Unk	3899'	"	382'			Intermediate String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	1253'	625	Pump & Plug		
9-5/8	3919'	1034	" " "		

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 _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% 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	17.60'		Distance from top Kelly Drive Bushing to Ground
	104'		Caliche
	491		Lime
	521		Lime & Sand
	1352		Lime
	1470		Lime & Dolo
	1605		Dolo & Sand
	1689		Lime & Sand
	1775		Sand & Dolo
	1843		Chert & Dolo
	1980		Sand & Lime
	2276		Sand & Dolo
	3337		Dolo & Sand
	3436		Dolo
	3582		Dolo & Sand
	3699		Dolo & Chert
	3728		Lime & Sand
	3801		Dolo & Lime
	3817		Lime & Chert
	3921		Lime & Sand
	5356		Lime
	5521		Lime & Sand
	7303		Lime
	7343		Lime & Shale
	7522		Lime
	7543		Lime & Shale

(OVER)

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
	7622'		Lime, Shale & Sand
	8542		Lime & Shale
	8675		Lime
	8692		Lime & Sand
	8948		Lime & Shale
	9087		Lime & Dolo
	9276		Lime
	9306		Lime & Sand
	9350		Lime, Sand & Shale
	9415		Lime & Sand
	9517		Lime & Shale
	9629		Lime & Sand
	9689		Lime & Shale
	9715		Shale & Sand
	9742		Lime, Shale & Sand
	9967		Lime & Shale
	10,071		Lime, Shale & Chert
	10,169		Lime & Shale
	10,572		Lime, Shale & Sand
	10,634		Shale & Sand
	10,668		Shale
	10,797		Lime & Shale
	10,816		Sand
	10,879		Sand & Shale
	10,904		Lime & Sand
	11,085		Shale & Sand
	11,146		Shale
	11,250		Lime & Shale
	11,257		Lime & Chert
	11,427		Lime, Shale & Chert
	11,460		Lime & Shale
	11,515		Dolo
GEOLOGICAL TOPS (From Electric Logs)			
			Delaware Facies 1417'
			Bone Springs 3710
			Wolfcamp 7970
			Top Penn Lime 8482
			Mississippian Lime 11,112
			Woodford 11,435
			Devonian 11,493

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.

DRILL STEM TESTS

No. 1, 8900-8953'. 1 hour thru 4-1/2" DP. Tool opened with good blow of air to weak blow at end of test. Rec 4050' DM & 3643' salty sulphur water. HP 4460#. IFP 1515#. FFP 3464#. 30 min IBHP 3690#. 30 min FBHP 3510#. Temp 140° at 8941'.

No. 2, 10,454-10,479'. 1 hr thru 4-1/2" DP. Tool opened with fair to weak blow of air thruout test. Rec 420' very slightly gas cut DM. HP 5058#. IFP 130#. 30 min IBHP 345#. FBHP 255#. Temp 152° at 10,473'.

No. 3, 10,611-10,636'. 1 hr thru 4-1/2" DP. Tool opened with weak blow air. Rec 60' sl gas cut mud. HP 5115#. IFP 42#. FFP 42#. 30 min IBHP 175#. FBHP 85#. Temp 160° at 10,625'.

No. 4, 11,424-11,515'. 1 hr thru 4-1/2" DP. Fair to good blow air thruout test. Rec 260' mud cut salt water & 2000' salt water. HP 5580#. IFP 250#. FFP 1070#. 30 min IBHP 4680#. 30 min FBHP 4680#. Temp 188° at 11,504'.

END OF OIL OR GAS WELL

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