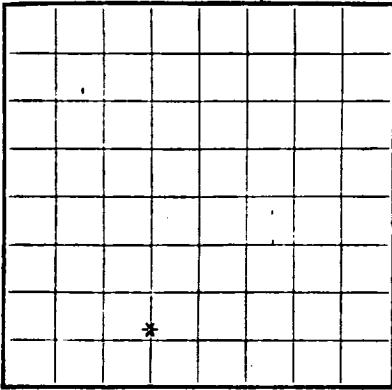


DEC 23 9 32 AM '63

Form app
Budget F No. 42-R355.4

Form 9-330

COPY TO O. G.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NMO53434
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEC 13 1963

LOG OF OIL OR GAS WELL

Company Marathon Oil Company Address Box 220 - Hobbs, New Mexico
 Lessor or Tract Lea Unit Field Lea Dev, Lea Penn State New Mexico
 Well No. 11 Sec. 13 T. 20S R. 34E Meridian County Lea
 Location 660 ft. N. of S Line and 1980 ft. E. of N Line of Sec 13 Elevation 3676'
(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 Albert Mechler JrDate 12/4/63Title Asst. Supt.

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

Commenced drilling 6/3/63, 19____ Finished drilling 9/9/63, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 14,371 to 14,454 (Oil) No. 4, from _____ to _____
 No. 2, from 12,987 to 12,996 (Gas) 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#	8r	Spang	1326	Guide				Surface
9-5/8	36 & 40	8r	"	5477	"				Intermed
7	26 & 29	8r	"	14345	"				Prod

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	1354	1170			
9-5/8	5508	3520			
7	14371	1240			

MARK

YETZ: 4.0.0.0, 2010-01-14

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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.

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[illegible]

2157A

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 14,464 feet, and from _____ feet to _____ feet

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

DATES

11/20/63 (Bend)

Put to producing 11/14/63 (Dev), 19____

The production for the first 24 hours was 149 Dev barrels of fluid of which 48 % was oil; 52 % emulsion; 52 % water; and _____ % sediment. Gravity, °Bé. 50.6° Bend

If gas well, cu. ft. per 24 hours 17,170 Bend Gallons gasoline per 1,000 cu. ft. of gas (51.18)

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

Drilling & Exploration Co., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1546	1546	1546	Redbed
1546	1760	214	Redbed & Anhy
1760	2355	595	Salt & Anhy
2355	3157	802	Salt
3157	3404	247	Salt & Anhy
3404	3873	469	Anhy
3873	6351	2478	Lime
6351	6532	181	Sand & Lime
6532	6750	218	Lime
6750	6873	123	Sand & Lime
6873	8632	1759	Lime
8632	8801	169	Lime & Dolo
8801	8922	121	Dolo
8922	9073	151	Lime
9073	9465	392	Dolo
9465	9503	38	Lime
9503	9579	76	Dolo & Sand
9579	9647	68	Lime
9647	9676	29	Dolo
9676	9706	30	Sandy shale
9706	9746	40	Dolo
9746	9830	84	Sandy Shale
9830	9883	53	Dolo
9883	10029	146	Lime
10029	10110	81	Dolo

FORMATION RECORD-Continued