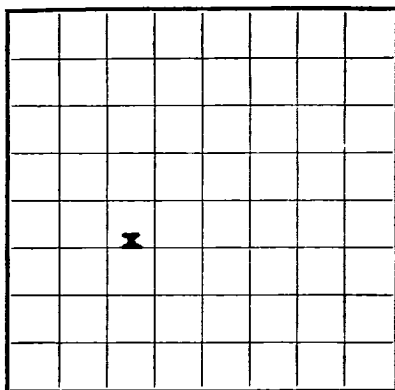




LOCATE WELL CORRECTLY

6 USGS

1 Occidental CON. COM.

1 Northwest DIST. 3

1 File

RECEIVED
APR 18 1962U. S. LAND OFFICE Hicorilla ApacheSERIAL NUMBER Contract #152

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Occidental Petroleum Corp. Address 5000 Stockdale Highway Bakersfield, California
Lessor or Tract W Field Basin - Dakota State New Mexico
Well No. 46 Sec. 6 T. 26N R. 5W Meridian N10M Blanco-Mesaville County Pio Arriba
Location 2450 ft. N of S Line and 1460 ft. E of W Line of Section 6 Elevation 4672 C.L.
(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. Original signed by T. A. Dugan
Signed _____

Date April 13, 1962 Title Consulting Engineer
The summary on this page is for the condition of the well at above date.

Commenced drilling November 4, 1961 Finished drilling December 7, 1961

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

No. 1, from 7481 to 7590 (G) No. 4, from _____ to _____
No. 2, from 4966 to 5564 (G) 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—	
10 3/4	28.50	8 1/2	J-55	1470.77	Guide	4966	7590		Intermediate
7 5/8	23.50	8 1/2	J-55	1470.77	Guide	4966	7590		Production
5 1/2	15.50	8 1/2	J-55	1470.77	Guide	4966	7590		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	208	175	Pump Plug		
7 5/8	3475	200	Pump Plug		
5 1/2	7704	225	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
See Sundry Notice for detailed perforations and frac information						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 7705 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 1107 Mv. 2876 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2756

1107 Mv. 2876

_____, Driller _____, Driller
T. A. Dugan _____, Supt. _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Log Top</u>
			Pictured Cliffs 3267
			Lewis 3348
			Cliffhouse 4966
			Manafee 5052
			Point Lookout 5460
			Graneros 7392
			Dakota 7480
LEOZ—	LO—	LOLVT FEET	FORMATION

FORMATION RECORD—Continued

Accepted for publication 22 November 2007

~~U.S. Land Office~~
~~Serial Number~~
~~U.S. Land Office~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WITH CONFIDENCE

[illegible]

The information given in this report is based on all available records so far as can be determined from all available records.

Signed _____

Location of _____ at _____ of _____ line of _____

Witnessed by _____

Lesson or Term _____ Field _____ State _____

Company _____ Address _____

LOCATE WELL CORRECTLY

Date _____ Title _____

The contents of this page do not constitute a contract as it was not intended to.

CONFIDENTIAL

ALL OR GAS PANDS OR TONES

(7) $\mathcal{A}$ and $\mathcal{B}$ are

10	from 1.4 to 2.0	10	from 1.4 to 2.0
10	from 1.4 to 2.0	10	from 1.4 to 2.0
10	from 1.4 to 2.0	10	from 1.4 to 2.0
10	from 1.4 to 2.0	10	from 1.4 to 2.0

IMPORTANT WATER SAVING

of	from	to	from
of	from	to	from

TRAINING RECORD

State	Whether not paid	Treasury fund	Debt	Amount	Kind of debt	Use and purpose of fund	Particular purpose
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of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, reason for the redrilling, the well and its results. If there were any changes made in the casing, state fully, and if any casing was "addressed" 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 balling.

-HISORY OF OIL OR GAS WELL

TO—SUBJ-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

MSA: Q-10-1