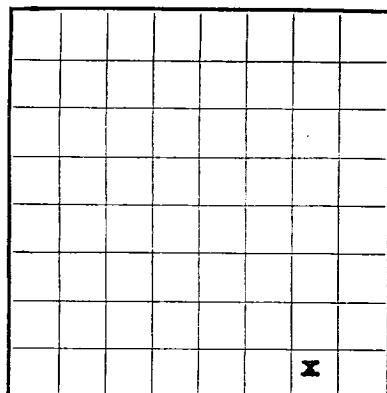


Form 9-330

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **L C 030437 (a)**
LEASE OR PERMIT TO PROSPECT **Lease**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Drilling & Exploration Co., Inc.** Address **Box 2075 Hobbs, New Mexico**
Lessor or Tract **Johns A-24** Field **Maljamar** State **New Mexico**
Well No. **5** Sec. **24** T. **17S** R. **32E** Meridian **NMPM** County **Lea**
Location **330** ft. **N** of **S** Line and **990** ft. **W** of **E** Line of **Section 24** Elevation **4063** KB
(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 *D. C. C.*Date **March 19, 1959** Title **Division Prod. Superintendent**

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

Commenced drilling **February 6,** 19 **59** Finished drilling **February 21,** 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4192** to **4202** No. 4, from _____ to _____
No. 2, from **4208** to **4212** 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	32.75	88	New	165	Guide				Surface
5 1/2	15.5	88	New	4385	Guide and Float collar				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	180	200	Pump and Plug		
5 1/2	4397	400	Pump and 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 **4398** feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing **March 17,** 19 **59**The production for the first 24 hours was **211.6** barrels of fluid of which **99.8** % was oil; _____ % emulsion; **.02** % water; and _____ % sediment. Gravity, °Bé. **34.0**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ * Base on **53.9** bbls oil in 6 hours

EMPLOYEES

J. F. McDonald, Driller **Jerry Lazing**, Driller**B. L. Strickland**, Driller **B. Dandy**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Surface sand and caliche
50	1085	1035	Red Bed and Shale
1085	2300	1215	Anhydrite and salt
2300	3450	1150	Anhydrite, Gypsum and sand
3450	3490	40	Sand
3490	4215	725	Anhydrite and sandy dolomite
4215	4398	183	Dolomite
	4398		Total Depth
			Radioactivity Log Tops:
	Top Anhydrite	1085	
	Base Salt	2300	
	Top Queen	3450	
	Top Grayburg	3769	
	Top San Andres	4216	

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.

HISTORY OF OIL OR GAS WELL

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[illegible]