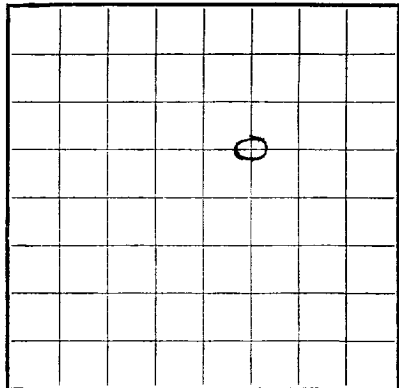


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 057459
LEASE OR PERMIT TO PROSPECT7 E U
GEOLOGICAL SURVEY
NEW MEXICO
UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY
Name changed from WESTERN DEVELOPMENT COMPANY OF
DELAWARE to INTERNATIONAL OIL & GAS CORPORATION
effective December 31, 1962

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western Development Co. of Delaware address P. O. Box 427, Artesia, N. M.
Lessor or Tract Leonard "B" Field Grayburg-Jackson State New Mexico
Well No. 4 Sec. 33 T. 17S R. 29E Meridian NMPM County Eddy
Location 1980 ft. S. of N Line and 1980 ft. W. of E Line of Section 33 Elevation 3551 DF
(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 February 2, 1959Title Vice President

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

Commenced drilling November 11, 1958 Finished drilling December 19, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2738 to 48 No. 4, from 3033 to 39
No. 2, from 2976 to 83 No. 5, from 3042 to 45
No. 3, from 2967 to 71 No. 6, from 3049 to 58
3064 to 68

IMPORTANT WATER SANDS

No. 1, from 170 to 175 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	8V	S.H.	353	Guide				Water shut off
5 1/2	14	8R	New	3135	Guide		2738	48	
							2967	71	
							2976	83	
							3033	39	
							3042	45	
							3049	58	
									and 3064-68

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	353	75	Pump		
5 1/2	3135	150	Pump		

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 "History" on reverse side for complete frac data.						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3135 feet, and from feet to feet

DATES

....., 19..... Put to producing, 19.....

The production for the first 24 hours was 55 barrels of fluid of which 100% 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

Hegwer Driller Morris Driller
Burkhardt Driller (Howell Drilling Co.) Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	170	170	Anhy. and Red Bed
170	318	148	Red Beds and gravel
318	721	403	Salt
721	900	179	Anhy.
900	1639	731	Anhy.
1639	1905	266	Broken anhy,
1905	1920	15	Sand
1920	2305	385	Anhy.
2305	2522	217	Lime
2522	2552	30	Sand
2552	2758	206	Grey lime and sand
2758	3135	377	Grey lime
			Total Depth 3135'
			TOPS:
			T. X. 318
			B. X. 721
			T. Queen 1900
			T. San Andres 2750

