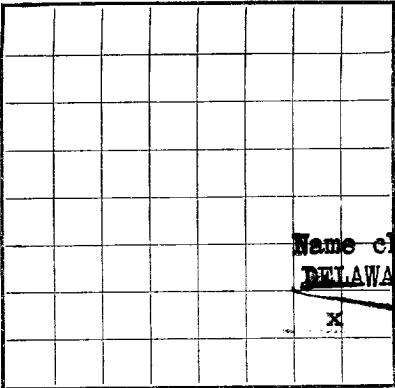


U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM 05523**
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR

Name changed from WESTERN DEVELOPMENT COMPANY
DELAWARE to INTERNATIONAL OIL & GAS CORPORATION
effective December 31, 1962

LOG OF OIL OR GAS WELL

Company **Western Development Co. of Dela.** Address **P. C. Box 427, Artesia, New Mexico**
Lessor or Tract **McCallister** Field **High Lonesome** State **New Mexico**
Well No. **4** Sec. **15** T. **16S** R. **29E** Meridian **NMPM** County **Eddy**
Location **990** ft. **S.** of **S** Line and **660** ft. **E.** of **E** Line of **Section 15** Elevation **3696**
(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 **May 16, 1960** Title **Prod. Supt.**

The summary on this page is for the condition of the well at above date.
Commenced drilling **April 15**, 19 **60** Finished drilling **May 6**, 19 **60**

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

No. 1, from **1969** to **1996** 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 **1735** to **1755** No. 3, from _____ to _____
No. 2, from **275** 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	8rd	Smls	436	Guide				Surface
7	17	8rd	Smls	1829	Guide	1829			Water shutoff
5-1/2	14	8rd	Smls	6969	Guide				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	436	100	Pump Plug		Pulled - Landed
7	1829				
5-1/2	1969	100	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
SOE open hole 1969' 1999' with 32,000 gallons of oil and 87,000 lbs. sand.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **1999** 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

_____**Spencer**_____, Driller _____**Jacobs**_____, Driller
_____**Wright**_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Sand & Red Beds
50	200	150	Shale & Sand
200	220	20	Red Shale & Red Sand
220	385	165	Anhydrite & Red Shale
385	415	30	Anhydrite
415	650	235	Salt
650	680	30	Anhydrite
680	810	130	Salt
810	1000	190	Anhydrite
1000	1040	40	Red Sand
1040	1060	20	Anhydrite & Red Sand
1060	1080	20	Anhydrite, Dolomite & Red Shale
1080	1110	30	Anhydrite, Red Shale & Red Sand

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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM—	TO—	TOTAL FEET	FORMATION
1110	1220	110	Anhydrite, Dolomite & Red Shale
1220	1360	100	Dolomite & Anhydrite
1320	1360	40	Dolomite, Anhydrite, Gray Sand & Shale
1360	1480	120	Dolomite, Anhydrite & Gray Shale
1480	1520	40	Dolo., Anhy., Red & Gray Shale & Red Sand
1520	1540	20	Red Sand
1540	1570	30	Anhydrite, Red Sand & Salt
1560	1730	160	Dolomite, Anhydrite, Red & Gray Shale
1730	1770	40	Anhydrite, Red & Gray Sand & Red Sand
1770	1910	140	Anhydrite, Dolomite, Red & Gray Shale
1910	1930	20	Anhydrite & Red Sand
1930	1960	30	Anhydrite & Red Shale
1960	1970	10	Dolomite, Anhydrite & Red Shale
1970	1999	29	Gray Sand
	TD	1999'	