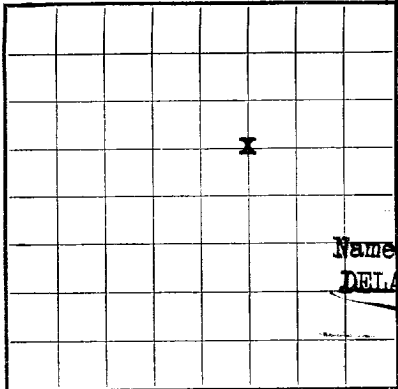




U. S. LAND OFFICE New Mexico
SERIAL NUMBER 05523
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Name changed from ~~WESTERN DEVELOPMENT COMPANY~~ DELAWARE to INTERNATIONAL OIL & GAS CORPORATION **JUL 28 1960**
effective December 31, 1962

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western Development Co. Address Post Office Box 427, Artesia, N.M.
of Delaware
Lessor or Tract McCallister Federal Field High Lonesome State New Mexico
Well No. 2 Sec. 15 T. 16 SR. 29 E Meridian NMPM County Eddy
Location 1980 ft. N of N Line and 1980 ft. E of E Line of Sec 15 Elevation 3700
(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 C. S. D. Nea

Date July 13, 1957 Title Vice President

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

Commenced drilling _____, 19____ Finished drilling _____, 19____

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

No. 1, from 1950 to 1980 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 390 to _____ No. 3, from _____ to _____
No. 2, from 1730 to 1745 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	8 RD	smls	430	Guide				Surface
7	20	8 RD	smls	1768	Guide	1736			Water shut off
5 1/2	14	8 RD	smls	1947	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	430	75	Pumping		
7	1768				Set and Pulled
5 1/2	1947	100	Pumping		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from -0- feet to 1980 feet, and from _____ feet to _____ feet

DATES

July 13, 1959 Put to producing July 10, 1959

The production for the first 24 hours was 422.4 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 37

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

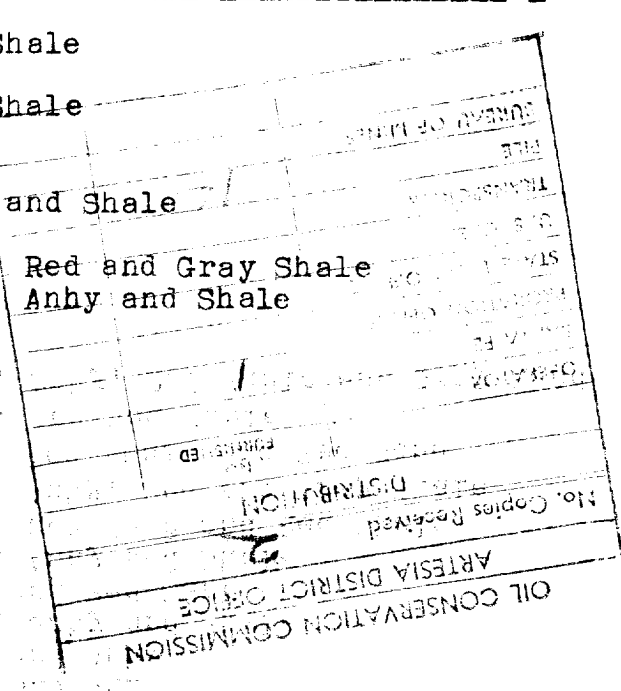
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
ABOVE POTENTIAL BASED ON TEST OF 132 BBLs IN 7 1/2 HOURS.			
0	255	255	Red Shale
255	265	10	Dolo
265	375	110	Red Shale
375	380	5	Anhy
380	785	405	Salt
925	1140	215	Anhy and Shale
1140	1500	360	Anhy
1500	1550	50	Anhy, Red and Gray Shale
1550	1570	20	Salt, Anhy and Shale



FROM—	TO—	TOTAL FEET	FORMATION
1570	1580	10	Dolo and Anhy
1580	1610	30	Salt and Anhy
1610	1700	90	Dolo, anhy and Shale
1700	1740	40	Anhy and Red Sand
1740	1760	20	Dolo, Anhy and Shale
1760	1800	40	Anhy, Red Sand and Red Shale
1800	1880	80	Dolo, Anhy, Red and Gray Shale
1880	1910	30	Anhy, Red Shale and Red Sand
1910	1945	35	Anhy, and Red Shale
1945	1980	35	Dolo, Anhy, Red Shale and Gray Sand
		T. 1980	

HISTORY OF OIL OR GAS WELL

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. We sand traced above well with 35070 gals fluid oil 135,000# Sand. Interval treated was open hole 1947-80. Well flowed load oil to tanks for 21 hrs. then flowed new oil at rate of 24 bbls/hr.