

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

RECEIVED

UNITED STATES

DEPARTMENT OF THE INTERIOR

U. S. GEOLOGICAL 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 Company Address Post Office Box 427, Artesia,
of Delaware N. M.
Lessor or Tract McCallister Federal Field High Lonesome State New Mexico
Well No. 3 Sec. 15 T. 16 R. 29E Meridian NMPM County Eddy
Location 990 ft. N. of N Line and 660 ft. E. of E Line of Section 15 Elevation 3708
(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.

Date October 1, 1959 Signed [Signature] Title Vice President

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

Commenced drilling 9/2, 19 59 Finished drilling 9/21, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1965 to 96 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 325 to 3 Bailers No. 3, from _____ to _____
1 hr
No. 2, from 1750 to HFW 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—	
<u>8 5/8</u>	<u>24</u>	<u>8 Rd</u>	<u>Smls</u>	<u>428</u>	<u>Guide</u>				<u>Surface</u>
<u>7</u>	<u>20</u>	<u>5 Rd</u>	<u>Smls</u>	<u>1787</u>	<u>Guide</u>	<u>1755</u>			<u>Water shut</u>
<u>5 1/2</u>	<u>14</u>	<u>8 Rd</u>	<u>Smls</u>	<u>1962</u>	<u>Guide</u>				<u>off</u>
									<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>428</u>	<u>75</u>	<u>Pump & Plug</u>		<u>landed</u>
<u>7</u>	<u>1787</u>				
<u>5 1/2</u>	<u>1965</u>	<u>100</u>	<u>Pump & Plug</u>		

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
	<u>(See Reverse Side for Sand Oil Frac Record)</u>					

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1996 feet, and from _____ feet to _____ feet

DATES

October 1, 19 59 Put to producing _____, 19 _____

The production for the first 24 hours was 136 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

Bill Cullshaw, Driller F. D. McDaniels, Driller
Charles Lamb, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		<u>15</u>	<u>Caliche</u>
<u>0</u>	<u>15</u>	<u>245</u>	<u>Sandy Shale</u>
<u>15</u>	<u>260</u>	<u>25</u>	<u>Anhy</u>
<u>260</u>	<u>285</u>	<u>25</u>	<u>Shale</u>
<u>285</u>	<u>310</u>	<u>45</u>	<u>Sand and Anhy</u>
<u>310</u>	<u>355</u>	<u>35</u>	<u>Shale and Anhy</u>
<u>355</u>	<u>390</u>	<u>10</u>	<u>Anhy, Shale and Salt</u>
<u>390</u>	<u>400</u>	<u>415</u>	<u>Salt</u>
<u>400</u>	<u>815</u>	<u>1845</u>	<u>Anhy, Red and Gray Shale</u>
<u>815</u>	<u>1660</u>	<u>40</u>	<u>Anhy, Sand and Red Shale</u>
<u>1660</u>	<u>1700</u>	<u>260</u>	<u>Dolo, Anhy and Shale</u>
<u>1700</u>	<u>1960</u>	<u>36</u>	<u>Gray Sand</u>
<u>1960</u>	<u>1996</u>	<u>TD 1996'</u>	

Continued

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 to test for water, state kind of material used, position, and results of pumping or bailing. If plugs or bridges were put in to test for water, state 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.

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FORMATION