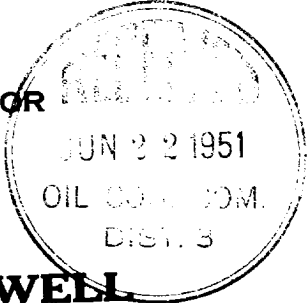


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078319
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Delhi Oil Corporation Address 1315 Pacific Avenue, Dallas, Texas
Lessor or Tract Riddle "A" Field Blanco State New Mexico
Well No. 1 Sec. 30 T. 31 R. 9 Meridian NMPM County San Juan
Location 1650 ft. (N.) of 3 Line and 290 ft. (E.) of W Line of Section 30 Elevation 6689 ft.
(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 J. B. Howell
Title Superintendent

Date June 19, 1951

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

Commenced drilling September 26, 1950 Finished drilling May 16, 1951

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

No. 1, from 5185 to 5360 - 0 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 _____ 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—	
<u>10 3/4"</u>	<u>82.75</u>	<u>8RT</u>	<u>Metall</u>	<u>218</u>	<u>None</u>	<u>0</u>			
<u>7"</u>	<u>20 1/2</u>	<u>8RT</u>	<u>Metall</u>	<u>150</u>	<u>None</u>	<u>218</u>			
<u>2"</u>	<u>4.70</u>	<u>8RT</u>	<u>Spang</u>	<u>5237</u>	<u>None</u>	<u>150</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4"</u>	<u>220</u>	<u>150</u>	<u>Hallib.</u>		
<u>7"</u>	<u>5177</u>	<u>200</u>	<u>Hallib.</u>	<u>9.3</u>	
<u>2"</u>	<u>5219</u>	<u>None</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>(1) qts.</u>	<u>Tin</u>	<u>SNF</u>	<u>290</u>	<u>5/21/51</u>	<u>5255-5330</u>	<u>5330*</u>
<u>(2) qts.</u>	<u>Tin</u>	<u>SNF</u>	<u>290</u>	<u>6/12/51</u>	<u>5312-5334</u>	<u>5330</u>
<u>* Only tested 155 MCF after 00 of first shot.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 5179 feet, and from _____ feet to _____ feet
Cable tools were used from 5179 feet to 5360 feet, and from _____ feet to _____ feet

DATES

Cable Rig Moved off 6/13 19 51 Put to producing Well Shut In 6/13, 19 51
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, MCF per 24 hours 416 Gallons gasoline per 1,000 cu. ft. of gas None
Rock pressure, lbs. per sq. in. 1000

EMPLOYEES

Ray Wilson, Driller Paul Brown, Driller
V. J. Ganison, Driller Lloyd Foushee, Driller

FORMATION RECORD

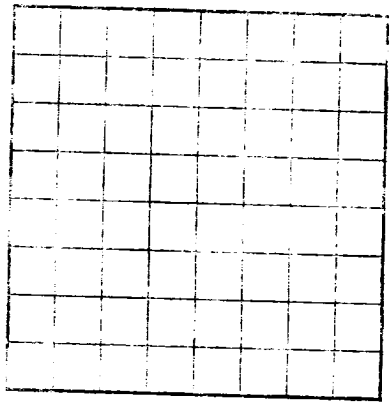
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>650</u>	<u>650</u>	<u>Beds of massive, coarse grain, conglomerative sandstone w/few thin beds of shale</u>
<u>650</u>	<u>718</u>	<u>68</u>	<u>Variegated waxy shale,</u>
<u>718</u>	<u>790</u>	<u>72</u>	<u>Massive conglomerative coarse sandstone</u>
<u>790</u>	<u>830</u>	<u>40</u>	<u>Sandy shale</u>
<u>830</u>	<u>894</u>	<u>64</u>	<u>Coarse grain qts, sandstone</u>
<u>894</u>	<u>933</u>	<u>39</u>	<u>Variegated waxy shales</u>
<u>933</u>	<u>1000</u>	<u>67</u>	<u>Sandstone, coarse to medium grain</u>
<u>1000</u>	<u>1040</u>	<u>40</u>	<u>Variegated waxy shales</u>
<u>1040</u>	<u>1065</u>	<u>15</u>	<u>Coarse Sandstone</u>
<u>1065</u>	<u>1105</u>	<u>40</u>	<u>Waxy shale</u>
<u>1105</u>	<u>1136</u>	<u>31</u>	<u>Sandstone</u>
<u>1136</u>	<u>1180</u>	<u>44</u>	<u>Shale</u>
<u>1180</u>	<u>1203</u>	<u>23</u>	<u>Sandstone</u>
<u>1203</u>	<u>1248</u>	<u>45</u>	<u>Shale</u>
<u>1248</u>	<u>1290</u>	<u>52</u>	<u>Sandstone</u>
<u>1290</u>	<u>1345</u>	<u>55</u>	<u>Shale</u>
<u>1345</u>	<u>1452</u>	<u>107</u>	<u>Interbedded sandstone and shale</u>
<u>1452</u>	<u>1530</u>	<u>78</u>	<u>Sandy Shale</u>
<u>1530</u>	<u>1640</u>	<u>110</u>	<u>Medium grain slight porous sandstone</u>
<u>1640</u>	<u>1730</u>	<u>90</u>	<u>Shale</u>
<u>1730</u>	<u>1790</u>	<u>60</u>	<u>Sandstone</u>
<u>1790</u>	<u>1880</u>	<u>90</u>	<u>Shale with sand streaks</u>
<u>1880</u>	<u>1950</u>	<u>70</u>	<u>Massive coarse grain sandstone</u>

(OVER)

LOGGING RECORD - CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company _____
Lessor or Tract _____
Well No. _____
Location _____ of _____ line and _____ ft. of _____ line of _____
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 _____

The summary on this page is not to be used in the well at _____
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS
then drilled to T. D. of 5360'.
back in and well plugged back to 5190' and 5208' to stratigraphic holes.
back drill pipe and lost washover pipe in hole. Cable tools moved
clean up fishing job after casing record, and was unable to
recover tools moved back on well 2/28/29.

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
added or left in the well, give its size and location. If the well has been dynamited, give date, position, and results of pumping or bailing.
of water. 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

Size	Weight	Length	Kind of shoe	Amount	Make	Trips per	Kind of shoe	Amount	Make

PLUGS AND ADAPTERS

Size	Weight	Length	Kind of shoe	Amount	Make	Trips per	Kind of shoe	Amount	Make

SHOOTING RECORD

Size	Weight	Length	Kind of shoe	Amount	Make	Trips per	Kind of shoe	Amount	Make

TOOLS USED

Size	Weight	Length	Kind of shoe	Amount	Make	Trips per	Kind of shoe	Amount	Make

DATES

Size	Weight	Length	Kind of shoe	Amount	Make	Trips per	Kind of shoe	Amount	Make

EMPLOYEES

Size	Weight	Length	Kind of shoe	Amount	Make	Trips per	Kind of shoe	Amount	Make

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
1950	2038	88	Sandy shale with sand stringers
2038	2114	76	Shale
2114	2195	81	Shale
2195	2270	75	Sandstone - coarse grain to conglom-
2270	2360	90	erative.
2360	2862	502	Waxy shale. Top of Kittland - 2270'. Bandy shale with thick lenses of medium grain sandstone with slight gas odor.
2862	3210	348	Sandy to waxy variegated shales. Interbedded coal, carb. shale and sand. Top of Kittland - 3210'. Medium grain silty sandstone with slight gas odor. Top of planned Kitt - 3525'. Shale and sandy shale - top of Lewis at 3555'. Sand and sandy shale with good gas odor - top of Kitt House - 5185'. Black carb. shale and coal interbedded with coarse porous sandstone. Top of Lewis - 5360'.
5360	5542	182	
5542	5360	175	
5360	5185	1630	
5185	3555	30	
3555	3525	315	
3525	3210	348	
3210	2862	348	
2862	2360	502	
2360	2195	165	
2195	2114	81	
2114	2038	76	
2038	1950	88	

FORMATION RECORD—Continued