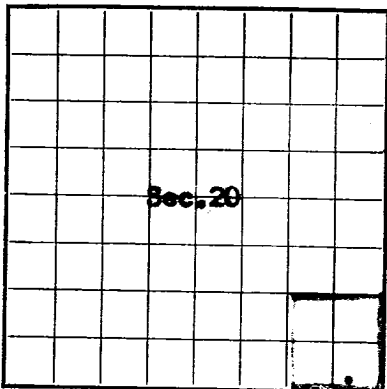




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER N.M. 013492
LEASE OR PERMIT TO PROSPECT

A. L. Duff

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address Box 426, Farmington, New Mexico
Lessor or Tract A. L. Duff Field Bisti Ext. State New Mexico
Well No. 2 Sec. 20 T. 26N R. 3W Meridian N.M.P.M. County San Juan
Location 660 ft. N. of S. Line and 660 ft. E. of E. Line of Section 20 Elevation 6389 D.F.
(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 [Signed] P. E. CosperDate August 19, 1957Title District Superintendent

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

Commenced drilling May 29, 1957 Finished drilling June 16, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5170 to 5190 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 None 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" 32.75</u>	<u>32.75</u>	<u>8</u>	<u>H-40</u>	<u>238'</u>	<u>Halliburton</u>				
<u>5-1/2" 12.7</u>	<u>12.7</u>	<u>8</u>	<u>H-40</u>	<u>300'</u>	<u>Halliburton</u>				
HISTORY OF OIL OR GAS WELL									

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>251'</u>	<u>250</u>	<u>Circulated</u>		
<u>5-1/2"</u>	<u>528 7/8'</u>	<u>200</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size casing	Shots used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Sand-Oil Frac</u>						
<u>Fraced through perforations w/39,060 gals. crude oil & 40,000 #</u>						
<u>BDP 2600# - Max. TP 2100# - Min. TP 1800# - Inj. Rate 37 BPM</u>						
<u>Flushed with 6,300 gals. crude oil & overflushed w/2,100 gals.</u>						

TOOLS USED

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

Driller _____, Driller
H. B. Lynn Drilling Corporation, Driller
Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0'</u>	<u>1466'</u>	<u>1466'</u>	<u>Sand & Shale</u>
<u>1466'</u>	<u>1630'</u>	<u>164'</u>	<u>Pictured Cliffs</u>
<u>1630'</u>	<u>2970'</u>	<u>1340'</u>	<u>Lewis</u>
<u>2970'</u>	<u>3957'</u>	<u>987'</u>	<u>Cliff House</u>
<u>3957'</u>	<u>4131'</u>	<u>174'</u>	<u>Point Lookout</u>
<u>4131'</u>	<u>5083'</u>	<u>952'</u>	<u>Mancos</u>
<u>5083'</u>	<u>5166'</u>	<u>83'</u>	<u>Gallup "H"</u>
<u>5166'</u>	<u>5292'</u>	<u>126'</u>	<u>Gallup "J"</u>
TOTAL DEPTH		<u>5292'</u>	
PLUGGED BACK TOTAL DEPTH		<u>5244'</u>	

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

16-43094-4

FORMATION RECORD—Continued

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

42.552

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 _____
[Signed] J. E. Cooper

Location _____ ft. [] of _____ Line and _____ ft. [] of _____
Sec. _____ T. _____ R. _____ Meridian
County _____ State _____
Address _____ New Mexico

Elevation _____ D.F.
(Twelve foot interval to sea level)

Commenced drilling _____ 1957
Finished drilling _____ 1957
The summary on this page is for the condition of the well at above date.
Date August 15, 1957
Title _____
District _____

OIL OR GAS SANDS OR ZONES

(Perole das by G)

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, from _____ to _____
 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

CASING RECORD

Size Length per foot	Threads per inch	Marks	Amount	Kind of shoe	Cut and pulled from	Perforated From— To—	Purpose
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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 of water in the casing, state fully, and if any casing was removed, or left in the well, give the date and location. If the well was abandoned, give the date, size, location and number of the well. If pumps or bridges were put in to test for water, state the material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43084-2

MUDDING AND CEMENTING RECORD

Stationing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7+00	Left	20	Hand trowel		
8+00	Right	20	Hand trowel		
9+00	Left	20	Hand trowel		
10+00	Right	20	Hand trowel		
11+00	Left	20	Hand trowel		
12+00	Right	20	Hand trowel		
13+00	Left	20	Hand trowel		
14+00	Right	20	Hand trowel		
15+00	Left	20	Hand trowel		
16+00	Right	20	Hand trowel		
17+00	Left	20	Hand trowel		
18+00	Right	20	Hand trowel		
19+00	Left	20	Hand trowel		
20+00	Right	20	Hand trowel		
21+00	Left	20	Hand trowel		
22+00	Right	20	Hand trowel		
23+00	Left	20	Hand trowel		
24+00	Right	20	Hand trowel		
25+00	Left	20	Hand trowel		
26+00	Right	20	Hand trowel		
27+00	Left	20	Hand trowel		
28+00	Right	20	Hand trowel		
29+00	Left	20	Hand trowel		
30+00	Right	20	Hand trowel		
31+00	Left	20	Hand trowel		
32+00	Right	20	Hand trowel		
33+00	Left	20	Hand trowel		
34+00	Right	20	Hand trowel		
35+00	Left	20	Hand trowel		
36+00	Right	20	Hand trowel		
37+00	Left	20	Hand trowel		
38+00	Right	20	Hand trowel		
39+00	Left	20	Hand trowel		
40+00	Right	20	Hand trowel		
41+00	Left	20	Hand trowel		
42+00	Right	20	Hand trowel		
43+00	Left	20	Hand trowel		
44+00	Right	20	Hand trowel		
45+00	Left	20	Hand trowel		
46+00	Right	20	Hand trowel		
47+00	Left	20	Hand trowel		
48+00	Right	20	Hand trowel		
49+00	Left	20	Hand trowel		
50+00	Right	20	Hand trowel		
51+00	Left	20	Hand trowel		
52+00	Right	20	Hand trowel		
53+00	Left	20	Hand trowel		
54+00	Right	20	Hand trowel		
55+00	Left	20	Hand trowel		
56+00	Right	20	Hand trowel		
57+00	Left	20	Hand trowel		
58+00	Right	20	Hand trowel		
59+00	Left	20	Hand trowel		
60+00	Right	20	Hand trowel		
61+00	Left	20	Hand trowel		
62+00	Right	20	Hand trowel		
63+00	Left	20	Hand trowel		
64+00	Right	20	Hand trowel		
65+00	Left	20	Hand trowel		
66+00	Right	20	Hand trowel		
67+00	Left	20	Hand trowel		
68+00	Right	20	Hand trowel		
69+00	Left	20	Hand trowel		
70+00	Right	20	Hand trowel		
71+00	Left	20	Hand trowel		
72+00	Right	20	Hand trowel		
73+00	Left	20	Hand trowel		
74+00	Right	20	Hand trowel		
75+00	Left	20	Hand trowel		
76+00	Right	20	Hand trowel		
77+00	Left	20	Hand trowel		
78+00	Right	20	Hand trowel		
79+00	Left	20	Hand trowel		
80+00	Right	20	Hand trowel		
81+00	Left	20	Hand trowel		
82+00	Right	20	Hand trowel		
83+00	Left	20	Hand trowel		
84+00	Right	20	Hand trowel		
85+00	Left	20	Hand trowel		
86+00	Right	20	Hand trowel		
87+00	Left	20	Hand trowel		
88+00	Right	20	Hand trowel		
89+00	Left	20	Hand trowel		
90+00	Right	20	Hand trowel		
91+00	Left	20	Hand trowel		
92+00	Right	20	Hand trowel		
93+00	Left	20	Hand trowel		
94+00	Right	20	Hand trowel		

PLUGS AND ADAPTERS

	Length	Depth set
	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

test	test	test	test	test	test
test	test	test	test	test	test

DATE

The production for the first 24 hours was _____ _____% water; and _____% sediment. If gas well, cu. ft. per 24 hours _____ Rock pressure, lbs. per sq. in. _____	Put to producing _____ _____ barrels of fluid of which _____% was oil; _____% _____ Gravity, _____ Gallons gasoline per 1,000 cu. ft. of gas _____
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EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued