

U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER 14-28-683-5013
LEASE OR PERMIT TO PROSPECT _____
Navajo "N"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 426 - Farmington, New Mexico
Lessor or Tract Navajo "M" Field Chimney Rock (Gallup Ext.) State New Mexico
Well No. 1 Sec. 33 T. 32N R. 17W Meridian S.M.P.M. County San Juan
Location 330 ft. {N. } of 3 Line and 330 ft. {E. } of W Line of Section 33 Elevation 5350'

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. Cosper

Date May 29, 1959 Title District Superintendent

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

Commenced drilling ----- **May 8,** -----, 19-**59** Finished drilling ----- **May 11.** -----, 19-**59**

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

No. 1, from 1156 to 1172 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. 2, from _____ to _____

No. 3, 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—	
2-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
3-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
4-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
6-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
7-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
8-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
9-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
10-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
11-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
12-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
13-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
14-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
15-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
16-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
17-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
18-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
19-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
20-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
21-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
22-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
23-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
24-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
25-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
26-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
27-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
28-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
29-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
30-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
31-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
32-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
33-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
34-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
35-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
36-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
37-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
38-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
39-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
40-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
41-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
42-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
43-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
44-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
45-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
46-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
47-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
48-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
49-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
50-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
51-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
52-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
53-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
54-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
55-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
56-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
57-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
58-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
59-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
60-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
61-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
62-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
63-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
64-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
65-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
66-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
67-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
68-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
69-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
70-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
71-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
72-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
73-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
74-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
75-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
76-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
77-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
78-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
79-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
80-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
81-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
82-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
83-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
84-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
85-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
86-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
87-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
88-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
89-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
90-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
91-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
92-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
93-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
94-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
95-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
96-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
97-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
98-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
99-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
100-1/2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5

MUDDING AND CEMENTING RECORD

[illegible]

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
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Fraced down 5" OD casing, thru 5" casing Perfs. 1156-72' w/30,000# 20/40 sand & 17,514 gals. crude oil by Halliburton. BDP 2000#, Max. TP 1500#, Min. TP 1200#, Inj. rate 29 BPM. Time of treatment 17 min. Flushed w/2100 gals. crude oil. Tag 200 gals. Halliburton HCA acid, used to plug down, was pumped ahead of frac job. Pumping pressure 900#, in 5 min. 800#.

Rotary tools were used from 0 feet to 1252 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

May 29, 1959 The production for the first 24 hours was 78 barrels of fluid of which 99.8% was oil; 2% emulsion; 0% water; and 0% sediment. If gas well, cu. ft. per 24 hours Rock pressure, lbs. per sq. in.	Put to producing May 21, 1959 barrels of fluid of which 99.8% was oil; 2% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 39.3 Gallons gasoline per 1,000 cu. ft. of gas
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EMPLOYEES

Well Completions, Inc. _____, Driller
_____, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1042	1042	Sand and Shale
1042	1154	112	Sand and Shale - Top Lower Gallup 1042'
1154	1216	62	Sand and Shale - Top Tezito 1154'
1216	1252	36	Sand and Shale - Top Sanostes 1216'
<u>TOTAL DEPTH</u>			Tops by Schlumberger Induction-Electrical Log.
<u>PLUGGED BACK TOTAL DEPTH</u>	<u>TOTAL DEPTH</u>	<u>1229</u>	
FROM--	TO--	TOTAL FEET	FORMATION

[OVER]
FOBIATION RECORD—Continued

16-4804-1

Company
Lessor or Trust
Well No.
Location
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 for the condition of the well at above date
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES			
(Denote by G)			
No. 1, from	to	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

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 running, together with the reasons for the work and its results. 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.						
Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from
Perforated		State To				
To		Perforated				
To		Perforated				

MUDDING AND CEMENTING RECORD					
Casing size	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2"	27	11	cement by hand		
4 1/2"	27	20	rotation		
</					

SHOOTING RECORD					
Case	Shell used	Explosive used	Quantity	Date	Depth shot
Depth cleaned out					

DATES					
Lable tools were used from					
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FORMATION RECORD					
Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of running, together with the reasons for the work and its results. 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. 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.					
From	To	Perforated	Kind of shoe	Amount	Kind of shoe

FORMATION RECORD		FORMATION	
FROM—	TO—	TOTAL FEET	FORMATION
		FORMATION RECORD	
		Driller	Driller
		Driller	Driller
		EMPLOYEES	

FORMATION RECORD					
Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe
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From	To	Perforated	Kind of shoe	Amount	Kind of shoe

FORMATION RECORD					
Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of running, together with the reasons for the work and its results. 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. 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.					
From	To	Perforated	Kind of shoe	Amount	Kind of shoe

FORMATION RECORD					
Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of running, together with the reasons for the work and its results. 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. 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.					
From	To	Perforated	Kind of shoe	Amount	Kind of shoe

FORMATION RECORD			
(OVER)			
FORMATION—Continued			
FROM—	TO—	TOTAL FEET	FORMATION
10-47005-4			