

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Jicarilla "C"
LEASE OR PERMIT TO PROSPECT -----

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 **Jicarilla "C"** Field **Dual-Completed** State **New Mexico**
 Well No. **13** Sec. **33** T. **25N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**
 Location **990** ft. **(N)** of **N.** Line and **1650** ft. **(E)** of **E.** Line of **Section 33** Elevation **6772' 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. Cooper

Date May 9, 1957 Title District Superintendent

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

Commenced drilling ----- **February 27, 1957** ----- Finished drilling ----- **March 22, 1957** -----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2766 to 2790 G
No. 2, from 3606 to 3750 G
No. 3, from to
No. 4, from to
No. 5, 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—	
10-3/4"	32.75#	8-	H-40	227#	Cement guide				
5-1/2"	16#	8-	J-35	369#	Case, float & gauge				
of each kind of plug was put in to get a better grip on the hole and to prevent the hole from closing up. The hole was drilled with a 10" bit and the casing was run in to the bottom of the hole. The hole was then cemented with a mixture of sand and cement. The casing was then pulled out of the hole and the hole was left open.									
ENCLOSURE ON ONE OF THE ABOVE									
							TO—BUREAU OF MINING	FROM—BUREAU OF MINING	BIRMINGHAM OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	233'	200	Halliburton		
5-1/2"	3815'	400	Halliburton		

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
See reverse side.						

TOOLS USED

Rotary tools were used from _____ feet to 3820' 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.....
See reverse side.	
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
Banner Drilling Company, Driller
 _____, Driller

FORMATION RECORD

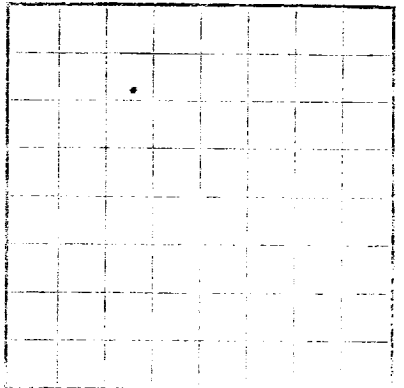
FROM—	TO—	TOTAL FEET	FORMATION
0'	2750'	2750'	Sand & Shale
2750'	2792'	42'	Pictured Cliffs
2792'	3604'	812'	Lewis
3604'	3820'	216'	Lewis Sands
TOTAL DEPTH		3820'	
PLUG BACK TOTAL DEPTH		3760'	

FOURNATION BESORD-CONFIDENTIAL

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCALITY CORRECTION

The information given herewith is a complete and correct record of the well and all work done thereon from and to the date of completion of the well and all work done thereon.

(Signed) P. E. Gosper

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The summary on this page is for the condition of the well at above date.
Date: May 1, 1947
This material is property of the U.S. Government

OIL OR GAS SANDS OR ZONES

(v) $\text{ad } \mathfrak{a} \cap \mathfrak{a} = \{0\}$.

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

IMPORTANT WATER SAVING

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

CASING RECORD

Year	Number of Employees	Number of Employees in Production	Number of Employees in Production and Maintenance	Number of Employees in Production and Maintenance and Maintenance	Number of Employees in Production and Maintenance and Maintenance and Maintenance
1970	1,000	1,000	1,000	1,000	1,000
1971	1,000	1,000	1,000	1,000	1,000
1972	1,000	1,000	1,000	1,000	1,000
1973	1,000	1,000	1,000	1,000	1,000
1974	1,000	1,000	1,000	1,000	1,000
1975	1,000	1,000	1,000	1,000	1,000
1976	1,000	1,000	1,000	1,000	1,000
1977	1,000	1,000	1,000	1,000	1,000
1978	1,000	1,000	1,000	1,000	1,000
1979	1,000	1,000	1,000	1,000	1,000
1980	1,000	1,000	1,000	1,000	1,000
1981	1,000	1,000	1,000	1,000	1,000
1982	1,000	1,000	1,000	1,000	1,000
1983	1,000	1,000	1,000	1,000	1,000
1984	1,000	1,000	1,000	1,000	1,000
1985	1,000	1,000	1,000	1,000	1,000
1986	1,000	1,000	1,000	1,000	1,000
1987	1,000	1,000	1,000	1,000	1,000
1988	1,000	1,000	1,000	1,000	1,000
1989	1,000	1,000	1,000	1,000	1,000
1990	1,000	1,000	1,000	1,000	1,000
1991	1,000	1,000	1,000	1,000	1,000
1992	1,000	1,000	1,000	1,000	1,000
1993	1,000	1,000	1,000	1,000	1,000
1994	1,000	1,000	1,000	1,000	1,000
1995	1,000	1,000	1,000	1,000	1,000
1996	1,000	1,000	1,000	1,000	1,000
1997	1,000	1,000	1,000	1,000	1,000
1998	1,000	1,000	1,000	1,000	1,000
1999	1,000	1,000	1,000	1,000	1,000
2000	1,000	1,000	1,000	1,000	1,000
2001	1,000	1,000	1,000	1,000	1,000
2002	1,000	1,000	1,000	1,000	1,000
2003	1,000	1,000	1,000	1,000	1,000
2004	1,000	1,000	1,000	1,000	1,000
2005	1,000	1,000	1,000	1,000	1,000
2006	1,000	1,000	1,000	1,000	1,000
2007	1,000	1,000	1,000	1,000	1,000
2008	1,000	1,000	1,000	1,000	1,000
2009	1,000	1,000	1,000	1,000	1,000
2010	1,000	1,000	1,000	1,000	1,000
2011	1,000	1,000	1,000	1,000	1,000
2012	1,000	1,000	1,000	1,000	1,000
2013	1,000	1,000	1,000	1,000	1,000
2014	1,000	1,000	1,000	1,000	1,000
2015	1,000	1,000	1,000	1,000	1,000
2016	1,000	1,000	1,000	1,000	1,000
2017	1,000	1,000	1,000	1,000	1,000
2018	1,000	1,000	1,000	1,000	1,000
2019	1,000	1,000	1,000	1,000	1,000
2020	1,000	1,000	1,000	1,000	1,000
2021	1,000	1,000	1,000	1,000	1,000
2022	1,000	1,000	1,000	1,000	1,000
2023	1,000	1,000	1,000	1,000	1,000
2024	1,000	1,000	1,000	1,000	1,00

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, especially, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dry-milled, 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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

DATE	WHERE OF	NUMBER OF CENTS OF CEMENT	WEIGHT USED	AND GRADE	AMOUNT OF CEMENT USED
1-1-19					
1-1-19					

PLUGS AND ADAPTERS

_____	Adaptation Material	_____
_____	Size	_____
_____	Length	_____
_____	Diameter	_____

SHOOTING RECORD

[illegible]

TOOT 2100

DATE		TO	FROM
1941	10-10	10-10	10-10
1941	10-10	10-10	10-10

ETAQ

[illegible]

REF ID: A66045

Calligrapher	Calligrapher
Calligrapher	Calligrapher

FORMATION RECORD

FROM -	TO -	TOTAL FEET	COMPARISON
10	1000	1000	1000
1000	1000	1000	1000
1000	1000	1000	1000
1000	1000	1000	1000

Officially dual-completed in the Pictured Cliffs & Lewis Sands formations March 22, 1957.

Leads Sands tested 150,000 cu. ft. of gas per day through 2" tubing.
Tubing pressure 8807.

casting machine. Casting pressure 720#.

Perforated 5-1/2" casing 3606-3654' and 3706-3750' with 4 shots per foot.
Sand-freest through perforations 3606-3654' and 3706-3750' with
40,000# sand and 40,000 gals. water. BHP 1500# - Injection Rate 51.5 B.P.M.

Sand-frased through perforations 2766-2790' with 20,000# sand
 Perforated 2766-2790' with 4 shots per foot.
 and 31,920 gals. water. BDP 1700# - Injection Rate 65 B.P.M.

FORMATION RECORD—Continued

[illegible]