

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079602
LEASE OR PERMIT TO PROSPECT _____
L. L. McConnell

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 L. L. McConnell Field South Blanco (P.C.) State New Mexico
 Well No. 12 Sec. 30 T. 25N R. 3W Meridian N.M.P.M. County Bio Arriba
 Location 1835 ft. [MK] of N. Line and 1075 ft. [W.] of E. Line of Section 30 Elevation 7342
 (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) P. E. Cosper
Signed _____

Date September 11, 1958 Title District Superintendent

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

Commenced drilling ----- August 15, 1958. Finished drilling ----- August 25, 1958.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G - 3703 to 3722 No. 4, from _____ to _____
 No. 2, from 3752 to 3757 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

[illegible]

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	Circulated		
5 1/2"	3827	150	Halliburton		

Temperature survey indicated top of cement behind 5 1/2" casing at 3335'.

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
Frased through perforations 3703-57' with 30,000# 20-40 sand and 30,000 gals. water by Dowell. BDP 1500#, Max. TP 1500#, Min. T P 800#, Inj. rate 30.3 BPM.						

TOOLS USED

Rotary tools were used from 0 feet to 3827 feet, and from _____ feet to _____ feet.

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

DATES

September 11, 1958 Put to producing Shut in for pipeline connection September 2, 1958

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 1160 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ SICP 850#, SITP 850#

EMPLOYEES

-----, Driller
-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3451	3451	Sand and Shale
3451	3598	147	Sand and Shale - Top Kirtland 3451'
3598	3703	105	Sand and Shale - Top Fruitland 3598'
3703	3801	98	Sand and Shale - Top Pictured Cliffs 3703'
3801	3827	26	Sand and Shale - Top Lewis 3801'
Tops by Schlumberger Induction-Electric Log			
<u>TOTAL DEPTH</u>		<u>3827'</u>	
<u>PLUGGED BACK TOTAL DEPTH</u>		<u>3790'</u>	

[illegible]

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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 made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its 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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DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

1. *What is the main purpose of the study?*
 2. *What are the research objectives?*
 3. *What is the research methodology?*
 4. *What are the results of the study?*
 5. *What are the conclusions of the study?*
 6. *What are the limitations of the study?*
 7. *What are the implications of the study?*
 8. *What are the future research directions?*
 9. *What are the contributions of the study?*
 10. *What are the key findings of the study?*