

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER S.F. 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 Undesignated State New Mexico

Well No. 3 Sec. 31 T. 25N R. 3W Meridian N.M.P.M. County Rio Arriba

Location 1,157 ft. ^[N.]_[S.] of S. Line and 2200 ft. ^[E.]_[W.] of W. Line of Section 31 Elevation 7,257 (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. Cooper

Date June 9, 1956 Title District Foreman

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

Commenced drilling May 4, 1956 Finished drilling May 13, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3,546 to 3,605 G 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	210'	200	Circulated		
5-1/2"	3,654'	150	Halliburton		
2"	3,539'				

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
Perforated 5-1/2" casing 3546' - 3605' w/4 bullets per foot - total 236 shots.						
Treated through perforation w/50,000# sand, w/48,300 gallons water						

TOOLS USED

Rotary tools were used from 0 feet to 3,660 feet, and from _____ feet to _____ feet.

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

DATES

May 21, 1956 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 3,000,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. **Casing & Tubing - 925#**

EMPLOYEES

..... Driller Driller

Empire States Drilling Co., Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	3,234'	3,234'	Sand & Shale
3,234'	3,529'	295'	Kirtland
3,529'	3,602'	73'	Pictured Cliffs
T.D.		3,660'	
P.B.T.D.		3,615'	

THE UNIVERSITY OF CHICAGO PRESS
54 EAST LAKE STREET, CHICAGO, ILL. 60601
U.S.A. AND CANADA
LONDON: ROUTLEDGE KEGAN PAUL LTD
11 BEDFORD SQUARE, LONDON, W.C.1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

150W 160 200 250 300 350 400 450

The undersigned hereby certifies that the above is a true and correct copy of the original as the same appears in the records of the Board of Directors of the City of New York, and that the same has been compared with the original and found to be correct.

In testimony whereof, I have hereunto set my hand and the seal of the City of New York, this 1st day of January, 1901.

Mayor of the City of New York

1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the root cause of the problem. Once the causes of the problem have been identified, the next step is to develop a plan to address the problem. This involves identifying the actions that need to be taken to address the problem and determining the resources that will be needed to implement the plan. Once a plan has been developed, the next step is to implement the plan. This involves taking the actions that have been identified in the plan and monitoring the progress of the plan. Finally, the last step in the process is to evaluate the results of the plan. This involves determining whether the plan has been successful in addressing the problem and identifying any lessons learned from the process.

[illegible]

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 "glidetraced" 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 building.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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