

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER S.F. 079535
LEASE OR PERMIT TO PROSPECT _____
R. C. White

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address P.O. Box 426, Farmington, New Mexico
Lessor or Tract R. C. White Field Wildcat (Dakota) State New Mexico
Well No. 1 Sec. 7 T. 21N R. 4E Meridian N.M.P.M. County Sandoval
Location 1980 ft. (N) of N. Line and 1980 ft. (E) of W. Line of Section 7 Elevation 7208 ft.
(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. Casper

Date January 25, 1957 Title District Superintendent

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

Commenced drilling September 18, 1956 Finished drilling November 15, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None 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 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"</u>	<u>32.75</u>	<u>8r</u>	<u>H-40</u>	<u>300'</u>	<u>Baker</u>				
<u>5-1/2"</u>	<u>11.7</u>	<u>8r</u>	<u>J-55</u>	<u>1395'</u>	<u>Comb.</u>	<u>255'</u>			
					<u>Port & Guide</u>				

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>319'</u>	<u>250</u>	<u>Circulated</u>		
<u>5-1/2"</u>	<u>5406'</u>	<u>500</u>	<u>Halliburton</u>		

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

TOOLS USED

Rotary tools were used from 0' feet to 6428' feet, and from _____ feet to _____ feet

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

DATES

Plugged & Abandoned Nov. 15, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

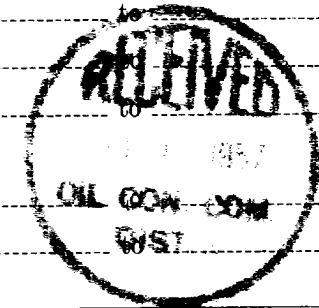
EMPLOYEES

Nichols & Duncan Drilling Co. Driller _____, Driller _____
Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0'</u>	<u>1794'</u>	<u>1794'</u>	<u>Sand & Shale</u>
<u>1794'</u>	<u>1857'</u>	<u>63'</u>	<u>Pictured Cliffs</u>
<u>1857'</u>	<u>3233'</u>	<u>1376'</u>	<u>Lewis</u>
<u>3233'</u>	<u>3276'</u>	<u>43'</u>	<u>Cliff House</u>
<u>3276'</u>	<u>3946'</u>	<u>670'</u>	<u>Menashee</u>
<u>3946'</u>	<u>4126'</u>	<u>180'</u>	<u>Point Lookout</u>
<u>4126'</u>	<u>5030'</u>	<u>904'</u>	<u>Mancos</u>
<u>5030'</u>	<u>5132'</u>	<u>102'</u>	<u>Hospoh</u>
<u>5132'</u>	<u>5635'</u>	<u>503'</u>	<u>Gallup</u>
<u>5635'</u>	<u>5707'</u>	<u>72'</u>	<u>Sanzstee</u>
<u>5707'</u>	<u>5953'</u>	<u>246'</u>	<u>Carlile</u>
<u>5953'</u>	<u>5996'</u>	<u>43'</u>	<u>Greenhorn</u>
<u>5996'</u>	<u>6035'</u>	<u>39'</u>	<u>Graneros</u>
<u>6035'</u>	<u>6369'</u>	<u>334'</u>	<u>Dakota</u>
<u>6369'</u>	<u>6428'</u>	<u>59'</u>	<u>Morrison</u>

FOLD MARK



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Figure 1 is a 10x10 grid representing the spatial distribution of the 100 most abundant species. The grid is divided into four quadrants by a vertical line at column 5 and a horizontal line at row 5. The top-left quadrant (columns 1-4, rows 1-4) contains the highest density of species, with many cells having values greater than 10. The top-right quadrant (columns 6-10, rows 1-4) also shows high density, with several cells exceeding 10. The bottom-left quadrant (columns 1-4, rows 6-10) shows moderate density, with values mostly between 1 and 5. The bottom-right quadrant (columns 6-10, rows 6-10) shows the lowest density, with most cells having values of 1 or less.

HISTORY OF OIL OR GAS WELL

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