

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 013492**
LEASE OR PERMIT TO PROSPECT **A. L. Duff**

RECEIVED
JUL 29 1958
OIL CON. COM. DEPT.
DIST. 3

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 A. L. Duff Field Bisti (Gallup) Ext. State New Mexico
 Well No. 12 Sec. 18 T. 26N R. 13W Meridian N.M.P.M. County San Juan
 Location 660 ft. N. of S Line and 660 ft. W. of E Line of Section 18 Elevation 6519

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.

Date July 25, 1958 Title District Superintendent

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

Commenced drilling **June 17,** 19**58** Finished drilling **July 2,** 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1. from 5342 to 5350 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 _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

OD	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"		217'	225	Halliburton		
5 1/2"		5415'	200	Halliburton		

Temperature survey indicated top of cement behind 5 1/2" casing at 4650'.

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
Treated down 51" casing with 6000# 20-40 sand and 13,524 gallons oil BDP 2950-2400'						
Max. TP 2925, Min. TP 2050', Inj. rate 18.8 BPM						

TOOLS USED

Rotary tools were used from 0 feet to 5440 feet, and from _____ feet to _____ feet.

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

DATES

DAYS	
July 25, 19 58	Put to producing July 23 19 58

The production for the first 24 hours was 15 barrels of fluid of which 99.8% was oil; .2% 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

Schafer Drilling Company, Driller _____ Driller _____

_____, Driller _____ Driller _____

FORMATION RECORD

FORMATION RECORD			
FROM--	TO--	TOTAL FEET	FORMATION
0	1680	1680	Sand and shale
1680	1767	87	Sand and shale - Top Pictured Cliffs 1680'
1767	3166	1399	Sand and shale - Top Lew is 1767'
3166	4124	958	Sand and shale - Top Mesa Verde 3166'
4124	4283	159	Sand and shale - Top Point Lookout 4124'
4283	5332	1049	Sand and shale - Top Mancos 4283'
5332	5440	108	Sand and shale - Top Gallup "J" 5332'
Tops by Schlumberger Induction-Electrical Log			
<u>TOTAL DEPTH</u>		<u>5440'</u>	
<u>PLUGGED BACK TOTAL DEPTH</u>		<u>5383'</u>	

[OVER]

[illegible]