

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

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) State New Mexico
 Well No. 7 Sec. 20 T. 26N R. 13W Meridian N.M.P.M. County San Juan
 Location 1980 ft. [N.] of S. Line and 660 ft. [E.] of W. Line of Section 20 Elevation 6564' D.P.
 (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 March 6, 1956 Title District Superintendent

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

Commenced drilling February 6, 1958. Finished drilling February 20, 1958.

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5354' to 5370' 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. 2, from _____ to _____

No. 3, 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"	238'	275	Halliburton		
	5-1/2"	5420'	200	Halliburton		

Temperature survey indicated top of cement behind 5 1/2" casing at 4623'.

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 down 5 1/2" casing thru perfs. 5354-5370' w/40,000# sand & 41,500 gals. oil.						
BDP 2700#, Max. TP 2400#, Min. TP 1950#. Inj. rate 40 BPM.						

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 500 _____ feet, and from _____ feet to _____ feet

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

DATES

DATE		TIME	
March 6, 1958	Put to producing	March 3, 1958	
The production for the first 24 hours was 190 barrels of fluid of which 99.8% was oil; .2% emulsion; ---% water; and ---% sediment. TP 0#- CP 0#		Gravity, °Bé. 38.7	
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas		
Rock pressure, lbs. per sq. in.			

EMPLOYEES

Sebafer Drilling Company _____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1684	1684	Sand & Shale
1684	1805	121	Pictured Cliffs
1805	3202	1397	Lewis
3202	3260	58	Cliff House
3260	4143	883	Manatee
4143	4318	175	Point Lookout
4318	5244	926	Mancos
5244	5350	106	Gallup "H"
5350	5400	50	Gallup "J"
<u>TOTAL DEPTH</u>		<u>5400'</u>	
<u>PLUGGED BACK TOTAL DEPTH</u>		<u>5384'</u>	

LEGAL
DO
DATE FILE
LOCATION

16-43084-
 [OVER]

FORMATION RECORD-Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A 10x10 grid with a small mark in the 7th column and 4th row.

[illegible]

Commenced drilling _____ February 6, 1958 Finished drilling _____ February 20, 1958
The summary on this page is for the condition of the well at above date.
Date March 6, 1958
This "Initial" Department

OIL OR GAS SANDS OR ZONES

(3) $\text{adj} \text{ and } \text{close}(T)$

No. 1, from	to	2300	No. 4, from	to	2300
No. 2, from	to		No. 5, from	to	
No. 3, from	to		No. 6, from	to	

IMPORTANT WATER SANDS

None

CASING RECORD

[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 removed or left in the well, give its size and location. If the well has been deepened, give date, size, position, and number of stringers or bridges of material used. Put in to test for water, state kind of material used, position, and counts of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MILKING AND CEMENTING RECORD

Size casting	Where set	Number sacks of cement	Method used	Mud grade	Amount of mud used
1/4" - 1/2"	1855	100	Waterproof		
1/2" - 3/4"	1856	100	Waterproof		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth and
Adapters—Material	Size	

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Drilled down 5 1/2" casing into Delta, 334-3370, W.A.O. well # 1, 500 ft. oil.						
BHP 2500, Max. TP 2500, Min. TP 1950, Int. rate 10 sec.						

TOOLS USED

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

DATE

[illegible]

EMPLOYEES

Driller	_____	_____	_____
Driller	_____	_____	_____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	1884	1884	Top of Sand
1884	1884	1884	Horizontal Cliffs
1884	1884	1884	Cliffs
1884	1884	1884	Cliff House
1884	1884	1884	Horizontal
1884	1884	1884	Point Looking
1884	1884	1884	Monks
1884	1884	1884	Cliffing "H"
1884	1884	1884	Cliffing "H"
TOTAL DEPTH		1884	
PLUMBED BACK TOTAL DEPTH		1884	
FROM	TO	TOTAL FEET	FORMATION