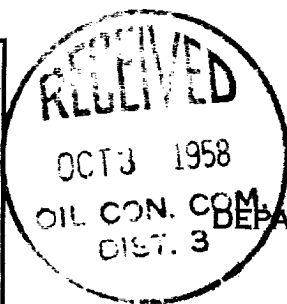
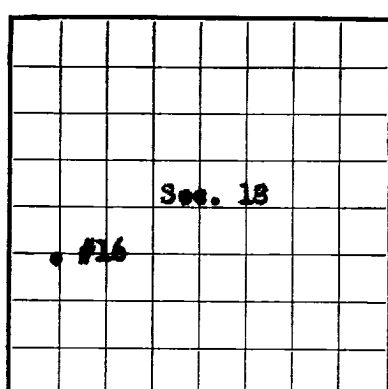


Form 9-330



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 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 - Ext.** State **New Mexico**
Well No. **16** Sec. **18** T. **26N** R. **13W** Meridian **N.M.P.M.** County **San Juan**
Location **1980** ft. **N.** of **3** Line and **0165** ft. **E.** of **W** Line of **Sec. 18-26N-13W** Elevation **6469'**
(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 **(Signed) P. P. Casper**

Date **October 2, 1958** Title **District Foreman**

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

Commenced drilling **September 2, 1958** Finished drilling **September 16, 1958**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5302** to **5313** 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—	
10-3/4"	32.75	8rd	H-40	197	Cement Guide				
5 1/2"	16 1/2	8rd	J-55	5546	Cement guide and float collar				
							5302	5313	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	206	250	Halliburton		
5 1/2"	5316	200	Halliburton		

Temperature survey indicated top of cement behind 5 1/2" casing at 4950'

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Well was sand-oil fraced SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Treated with 30,000# 20-40 sand 27,226 gals. lease oil. BDP 2250#, Max. TP 2250#, Min. TP 1900#, Inj. rate 35.4 BPM.

TOOLS USED

Rotary tools were used from **0** feet to **5520** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 2, 1958 Put to producing **October 2, 1958**

The production for the first 24 hours was **146** barrels of fluid of which **99.8** % was oil; **.2** % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **38.2**

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 Co. _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

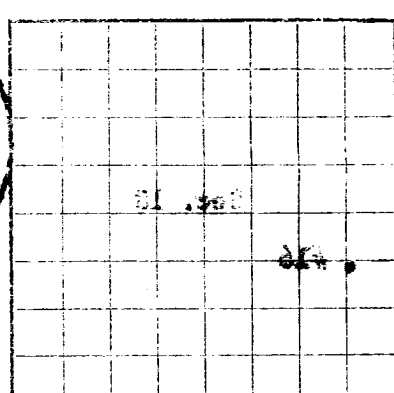
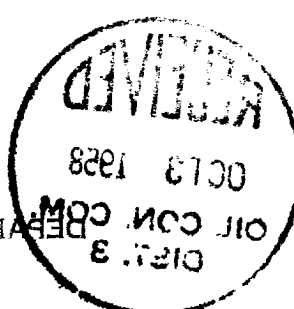
FROM—	TO—	TOTAL FEET	FORMATION
0	1608	1608	Sand and Shale
1608	1693	85	Sand and Shale - Top Pictured Cliffs 1608'
1693	3202	1509	Sand and Shale - Top Lewis 1693'
3202	4100	898	Sand and Shale - Top Mesaverde 3202'
4100	4243	143	Sand and Shale - Top Point Lookout 4100'
4243	5188	945	Sand and Shale - Top Mancos 4243'
5188	5293	105	Sand and Shale - Top Middle Gallup 5188'
5293	5520	227	Sand and Shale - Top Lower Gallup 5293'

Tops by Schlumberger Induction-Electric Log

TOTAL DEPTH 5520

PLUGGED BACK TOTAL DEPTH 5368

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCALITY CORRECTION

Completed drilling _____ Date _____
 The summary on this page is for the condition of the well at above date.
 This is a preliminary report.

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EDWARD STEAM TRACTORS

GEORGE DILLARD

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 "detacked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and amount of explosive. 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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10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

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

The production for the first 24 hours was 1.1% water; and 0.2% sediment.
 Gravity, 0.86.
 Put to producing 10.1

Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...
Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...	Dr. J. H. ...

	FROM-	-90-	TOTAL FEET	8687-77
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[illegible]

FORMATION RECORD—Continued