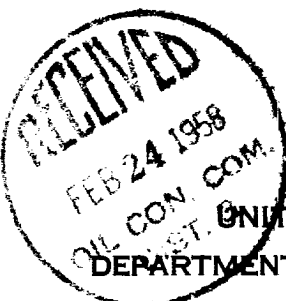
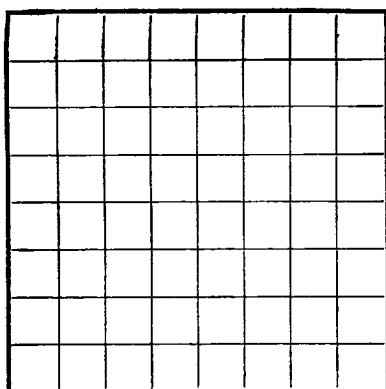


Santa Fe

U. S. LAND OFFICE N.M. 013492

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT
A. L. DuffUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **SKELLY OIL COMPANY** Address **Box 426, Farmington, New Mexico**
Lessor or Tract **A. L. Duff** Field **Bisti** State **New Mexico**
Well No. **6** Sec. **20** T. **26N** R. **13W** Meridian **N.M.P.M.** County **San Juan**
Location **660** ft. **N** of **S.** Line and **1980** ft. **W.** of **W.** Line of **Sec. 20** Elevation **5584' D.F.**
(Derriek 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. Cospers**
Signed _____ Title **District Superintendent**

Date **February 20, 1958**

Title _____

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

Commenced drilling **January 7**, 19**58** Finished drilling **February 6**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5370'** to **5384'** 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

OD 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	8R	H-40	221	Baker cement guide				
5-1/2"	11.5	8R	H-40	5472	Halliburton Caset & guide	5370 5384			Production
HISTORICAL RECORD OF OIL OR GAS WELLS									

MUDDING AND CEMENTING RECORD

OD Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	233'	325	Halliburton		
5-1/2"	5440'	* 200	Halliburton		
* Top of cement behind 5 1/2" casing at 4824' by temperature survey.					

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

Sand-Oil Fraced

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-Oil fraced thru perfs. 5370-84 w/40,000# sand & 39,984 gals. oil.						
BDP 3000#, Max. TP 2500#, Min. TP 1100#. Inj. rate 43.9 BPM.						

TOOLS USED

Rotary tools were used from **0** feet to **5444** feet, and from _____ feet to _____ feet

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

DATES

February 20, 19**58****February 17**, 19**58**Put to producing **194** barrels of fluid of which **96.8** % was oil; **.2** % emulsion; **3** % water; and _____ % sediment.Gravity, °Bé. **36.7**

If gas well, cu. ft. per 24 hours _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Shafer Drilling Company

_____, Driller

_____, Driller

_____, Driller

_____, Driller

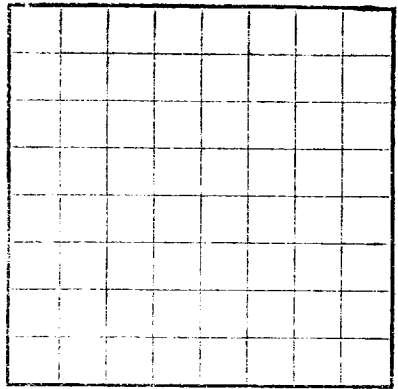
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1712	1712	Sand & Shale
1712	1823	111	Pictured Cliffs
1823	3171	1348	Lewis
3171	3220	49	Cliff House
3220	4154	934	Mansfee
4154	4327	173	Point Lookout
4327	5258	931	Mancos
5258	5365	107	Gallup "H"
5365	5444	79	Gallup "J"
TOTAL DEPTH		5444'	
PLUGGED BACK TOTAL DEPTH		5407'	

(OVER)

16-43094-4

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company _____
 Lessor or Tract _____
 Well No. _____
 Location _____
 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 _____
 Date _____
 The summary on this page is for the condition of the well as above stated.
 Commenced drilling _____
 Finished drilling _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
 No. 2, from _____ to _____

CASING RECORD

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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of holes. If tubes or bridges were put in, give their size and location for making side holes or for other purposes.
 Casing No. _____
 Weight per foot _____
 Threads per inch _____
 Amount _____
 Kind of shoe _____
 Kind of cement _____
 Purpose _____

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Size of casing _____
 Where set _____
 Number sacks of cement _____
 Method used _____
 Mud gravity _____
 Amount of mud used _____

PLUGS AND ADAPTERS

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

SHOOTING RECORD

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

TOOLS USED

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

DATES

Put to producing _____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% was gas.
 If gas well, cu. ft. per 24 hours _____
 Rock pressure, lbs. per sq. in. _____
 Emulsion; _____% water; and _____% sediment.

EMPLOYEES

Driller _____
 Driller _____
 Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Land & Water
100	150	150	Unconsolidated clays
150	200	200	Loams
200	250	250	Clay & shale
250	300	300	Shale
300	350	350	Point limestone
350	400	400	Shale
400	450	450	Caliche "B"
450	500	500	Caliche "A"
500	550	550	Shale
550	600	600	Shale
600	650	650	Shale
650	700	700	Shale
700	750	750	Shale
750	800	800	Shale
800	850	850	Shale
850	900	900	Shale
900	950	950	Shale
950	1000	1000	Shale
1000	1050	1050	Shale
1050	1100	1100	Shale
1100	1150	1150	Shale
1150	1200	1200	Shale
1200	1250	1250	Shale
1250	1300	1300	Shale
1300	1350	1350	Shale
1350	1400	1400	Shale
1400	1450	1450	Shale
1450	1500	1500	Shale
1500	1550	1550	Shale
1550	1600	1600	Shale
1600	1650	1650	Shale
1650	1700	1700	Shale
1700	1750	1750	Shale
1750	1800	1800	Shale
1800	1850	1850	Shale
1850	1900	1900	Shale
1900	1950	1950	Shale
1950	2000	2000	Shale
2000	2050	2050	Shale
2050	2100	2100	Shale
2100	2150	2150	Shale
2150	2200	2200	Shale
2200	2250	2250	Shale
2250	2300	2300	Shale
2300	2350	2350	Shale
2350	2400	2400	Shale
2400	2450	2450	Shale
2450	2500	2500	Shale
2500	2550	2550	Shale
2550	2600	2600	Shale
2600	2650	2650	Shale
2650	2700	2700	Shale
2700	2750	2750	Shale
2750	2800	2800	Shale
2800	2850	2850	Shale
2850	2900	2900	Shale
2900	2950	2950	Shale
2950	3000	3000	Shale
3000	3050	3050	Shale
3050	3100	3100	Shale
3100	3150	3150	Shale
3150	3200	3200	Shale
3200	3250	3250	Shale
3250	3300	3300	Shale
3300	3350	3350	Shale
3350	3400	3400	Shale
3400	3450	3450	Shale
3450	3500	3500	Shale
3500	3550	3550	Shale
3550	3600	3600	Shale
3600	3650	3650	Shale
3650	3700	3700	Shale
3700	3750	3750	Shale
3750	3800	3800	Shale
3800	3850	3850	Shale
3850	3900	3900	Shale
3900	3950	3950	Shale
3950	4000	4000	Shale
4000	4050	4050	Shale
4050	4100	4100	Shale
4100	4150	4150	Shale
4150	4200	4200	Shale
4200	4250	4250	Shale
4250	4300	4300	Shale
4300	4350	4350	Shale
4350	4400	4400	Shale
4400	4450	4450	Shale
4450	4500	4500	Shale
4500	4550	4550	Shale
4550	4600	4600	Shale
4600	4650	4650	Shale
4650	4700	4700	Shale
4700	4750	4750	Shale
4750	4800	4800	Shale
4800	4850	4850	Shale
4850	4900	4900	Shale
4900	4950	4950	Shale
4950	5000	5000	Shale
5000	5050	5050	Shale
5050	5100	5100	Shale
5100	5150	5150	Shale
5150	5200	5200	Shale
5200	5250	5250	Shale
5250	5300	5300	Shale
5300	5350	5350	Shale
5350	5400	5400	Shale
5400	5450	5450	Shale
5450	5500	5500	Shale
5500	5550	5550	Shale
5550	5600	5600	Shale
5600	5650	5650	Shale
5650	5700	5700	Shale
5700	5750	5750	Shale
5750	5800	5800	Shale
5800	5850	5850	Shale
5850	5900	5900	Shale
5900	5950	5950	Shale
5950	6000	6000	Shale
6000	6050	6050	Shale
6050	6100	6100	Shale
6100	6150	6150	Shale
6150	6200	6200	Shale
6200	6250	6250	Shale
6250	6300	6300	Shale
6300	6350	6350	Shale
6350	6400	6400	Shale
6400	6450	6450	Shale
6450	6500	6500	Shale
6500	6550	6550	Shale
6550	6600	6600	Shale
6600	6650	6650	Shale
6650	6700	6700	Shale
6700	6750	6750	Shale
6750	6800	6800	Shale
6800	6850	6850	Shale
6850	6900	6900	Shale
6900	6950	6950	Shale
6950	7000	7000	Shale
7000	7050	7050	Shale
7050	7100	7100	Shale
7100	7150	7150	Shale
7150	7200	7200	Shale
7200	7250	7250	Shale
7250	7300	7300	Shale
7300	7350	7350	Shale
7350	7400	7400	Shale
7400	7450	7450	Shale
7450	7500	7500	Shale
7500	7550	7550	Shale
7550	7600	7600	Shale
7600	7650	7650	Shale
7650	7700	7700	Shale
7700	7750	7750	Shale
7750	7800	7800	Shale
7800	7850	7850	Shale
7850	7900	7900	Shale
7900	7950	7950	Shale
7950	8000	8000	Shale
8000	8050	8050	Shale
8050	8100	8100	Shale
8100	8150	8150	Shale
8150	8200	8200	Shale
8200	8250	8250	Shale
8250	8300	8300	Shale
8300	8350	8350	Shale
8350	8400	8400	Shale
8400	8450	8450	Shale
8450	8500	8500	Shale
8500	8550	8550	Shale
8550	8600	8600	Shale
8600	8650	8650	Shale
8650	8700	8700	Shale
8700	8750	8750	Shale
8750	8800	8800	Shale
8800	8850	8850	Shale
8850	8900	8900	Shale
8900	8950	8950	Shale
8950	9000	9000	Shale
9000	9050	9050	Shale
9050	9100	9100	Shale
9100	9150	9150	Shale
9150	9200	9200	Shale
9200	9250	9250	Shale
9250	9300	9300	Shale
9300	9350	9350	Shale
9350	9400	9400	Shale
9400	9450	9450	Shale
9450	9500	9500	Shale
9500	9550	9550	Shale
9550	9600	9600	Shale
9600	9650	9650	Shale
9650	9700	9700	Shale
9700	9750	9750	Shale
9750	9800	9800	Shale
9800	9850	9850	Shale
9850	9900	9900	Shale
9900	9950	9950	Shale
9950	10000	10000	Shale