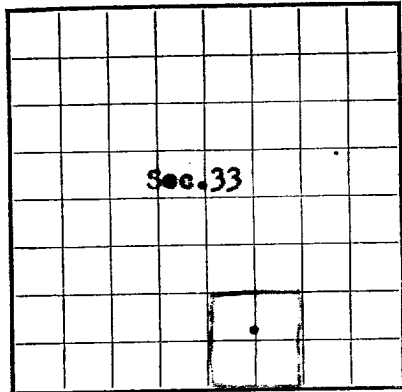




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF 079958**
LEASE OR PERMIT TO PROSPECT
L. E. LockhartUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
AUG 26 1957
U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **SKELLY OIL COMPANY** Address **Box 426, Farmington, New Mexico**
Lessor or Tract **L. E. Lockhart** Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **33** T. **25N** R. **10W** Meridian **N.M.P.M. (Gallup)** County **San Juan**
Location **660** ft. **N.** of **S** Line and **1980** ft. **W.** of **E** Line of **Section 33** Elevation **6831'**
(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. E. Cooper** Title **District Superintendent**

Date **August 22, 1957**

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

Commenced drilling **June 18, 1957** Finished drilling **July 6, 1957**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5320'** to **5366'** 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	248'	Halliburton guide				
5-1/2"	11.4#	8rd	H-40	425'	Halliburton guide				
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	261'	200	Halliburton		
5-1/2"	5496'	250	Halliburton		

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 through perforations w/40,000# & 41,160 gals. crude oil.						
Flushed w/5460 gals. crude oil BDP 1950# Max. TP 2250# Min. TP 1750#.						
Inj. rate 58.5 BPM.						

TOOLS USED

Rotary tools were used from **0** feet to **5500** feet, and from _____ feet to _____ feet
Cable tools were used from **complete** feet to _____ feet, and from _____ feet to _____ feet

DATES

July 23, 19**57** Put to producing **installing pumping unit**
The production for the first 24 hours was **624** barrels of fluid of which **100%** was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, **40.8° API**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

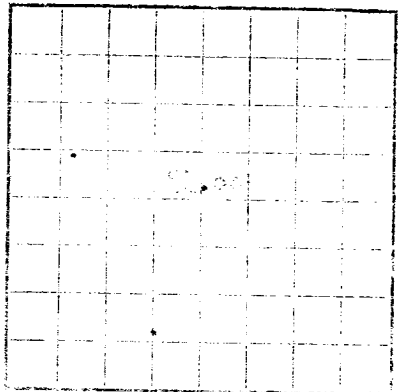
EMPLOYEES

Force Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1670'	1670'	Sand & Shale
1670'	3158'	1488'	Pictured Cliffs
3158'	3200'	42'	Cliff House
3200'	4130'	930'	Menefee
4130'	4327'	197'	Point Lookout
4327'	5240'	913'	Mancos
5240'	5326'	86'	Hospah
5326'	5500'	174'	Gallup
TOTAL DEPTH		5500'	
PLUGGED BACK TOTAL DEPTH		5441'	

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

PLEASE OR PERMIT TO PROSPECT

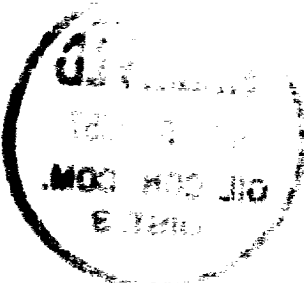
SERIAL NUMBER

U. S. LAND OFFICE

APPROVAL

BUDGET BUREAU NO. 43-13284

APPROVAL



The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Location _____

Well No. _____

Section _____

County _____

State _____

Address of well owner _____

Date _____

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

Completed drilling _____

Finished drilling _____

_____ 1935

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

CASING RECORD

Casing	Section	Weight	Length	Make	Amount	Kind of steel	Cut and pulled from	Used for	Purpose

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 the 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 shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or falling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

Water used	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Size	Depth set

SHOOTING RECORD

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

TOOLS USED

Rosary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

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

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil; _____ was water and _____ was sediment.

It was well on the 24 hours _____ barrels of gas.

Black pressure per sq. in. _____

EMPLOYEES

Name	Position	Pay

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Gravel
10	20	20	Sand
20	30	30	Clay
30	40	40	Shale
40	50	50	Limestone
50	60	60	Sandstone
60	70	70	Gravel
70	80	80	Sand
80	90	90	Clay
90	100	100	Shale
100	110	110	Limestone
110	120	120	Sandstone
120	130	130	Gravel
130	140	140	Sand
140	150	150	Clay
150	160	160	Shale
160	170	170	Limestone
170	180	180	Sandstone
180	190	190	Gravel
190	200	200	Sand
200	210	210	Clay
210	220	220	Shale
220	230	230	Limestone
230	240	240	Sandstone
240	250	250	Gravel
250	260	260	Sand
260	270	270	Clay
270	280	280	Shale
280	290	290	Limestone
290	300	300	Sandstone
300	310	310	Gravel
310	320	320	Sand
320	330	330	Clay
330	340	340	Shale
340	350	350	Limestone
350	360	360	Sandstone
360	370	370	Gravel
370	380	380	Sand
380	390	390	Clay
390	400	400	Shale
400	410	410	Limestone
410	420	420	Sandstone
420	430	430	Gravel
430	440	440	Sand
440	450	450	Clay
450	460	460	Shale
460	470	470	Limestone
470	480	480	Sandstone
480	490	490	Gravel
490	500	500	Sand
500	510	510	Clay
510	520	520	Shale
520	530	530	Limestone
530	540	540	Sandstone
540	550	550	Gravel
550	560	560	Sand
560	570	570	Clay
570	580	580	Shale
580	590	590	Limestone
590	600	600	Sandstone
600	610	610	Gravel
610	620	620	Sand
620	630	630	Clay
630	640	640	Shale
640	650	650	Limestone
650	660	660	Sandstone
660	670	670	Gravel
670	680	680	Sand
680	690	690	Clay
690	700	700	Shale
700	710	710	Limestone
710	720	720	Sandstone
720	730	730	Gravel
730	740	740	Sand
740	750	750	Clay
750	760	760	Shale
760	770	770	Limestone
770	780	780	Sandstone
780	790	790	Gravel
790	800	800	Sand
800	810	810	Clay
810	820	820	Shale
820	830	830	Limestone
830	840	840	Sandstone
840	850	850	Gravel
850	860	860	Sand
860	870	870	Clay
870	880	880	Shale
880	890	890	Limestone
890	900	900	Sandstone
900	910	910	Gravel
910	920	920	Sand
920	930	930	Clay
930	940	940	Shale
940	950	950	Limestone
950	960	960	Sandstone
960	970	970	Gravel
970	980	980	Sand
980	990	990	Clay
990	1000	1000	Shale

FORMATION RECORD—Continued