

#3

Section 27

Section 27

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 38 - Hobbs, New Mexico
 Lessor or Tract Lynah "B" Field Grayburg-Jackson State New Mexico
 Well No. 3 Sec. 27 T. 17S R. 31E Meridian NMPM County Eddy
 Location 660 ft. N of N Line and 1900 ft. E of N Line of Section 27 Elevation 3618' D.F.

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 16, 1958**

Title **District Superintendent**

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

Commenced drilling June 10, 1958 Finished drilling July 9, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3562</u> to <u>3666</u>	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

Sole casing	Weight per foot	Threads per inch	Size	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	22.74	-	Armed S	734'	Float				
7"	22.74	-	Armed S	734'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	743'	150	Halliburton		
7"	3612'	345	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

TOOLS USED

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

Cable tools were used from 0 feet to 3673 feet, and from _____ feet to _____ feet.

DATES

Put to producing _____ 19__

The production for the first 24 hours was 180 barrels of fluid of which 99.9% was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 27.2

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in.

EMPLOYEES

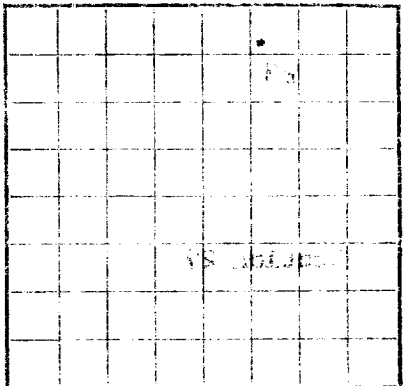
EMPLOYEES	
Mr. Rinehart	Driller
Mr. A.F. Prust	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	489	489	Sand & Redbed
489	677	188	Anhydrite & Dolomite
677	1633	956	Salt
1633	1800	167	Anhydrite
1800	2185	385	Sand & Anhydrite
2185	2822	637	Dolomite & Anhydrite
2822	3002	180	Sand & Dolomite
3002	3250	248	Sand & Dolomite
3250	3560	310	Dolomite & Sand
3560	3673	113	Sand

GEOLOGICAL TOPS BY SCHLIMMERGER'S GAMMA RAY-NEUTRON LOG:

Top Anhydrite	489'
Top Salt	677'
Base Salt	1633'
Top Yates	1800'
Top Seven Rivers	2185'
Top Queen	2822'
Top Penrose	3002'
Top Grayburg	3250'
Top Premier	3560'



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Company _____
Lessor or Trust _____
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 _____
Title _____
Date _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19__

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
pressure 2100'. Left shut-in 12 hours and pressure dropped to 1100'.
Injection rate 38.6 barrels per minute. Time of treatment 33 minutes. Shut-down
at 711 and 70,000' sand by Western Company. Maximum flowing pressure 3600'. Maximum
production fractured down 1200' casing in open hole 3612-3673' with 1177 barrels lease
maximum pressure of 2500' breaking to 1200' with injection rate of 38 barrels per
minute. Filled hole with oil, broke open hole formation 3612-3673' down with oil at
3612-3673'.

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

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD					
Casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS					
Heavy plug—Material	Length	Depth set	Size	Material	Depth set

SHOOTING RECORD					
Size	Depth used	Weight used	Quantity	Date	Depth shot

TOOLS USED	
Rotary 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	
Put to producing _____	_____

EMPLOYEES	
Driller _____	Driller _____

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