

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date Oct 5 1955

Stanford Lease 148 6
Operator Lease Well No.

Name of Producing Formation Permian Pool 1

No. Acres Dedicated to the Well 160

Indicate land status and show ownership. Indian Land

4 SECTION 15 TOWNSHIP 4N RANGE 1E

Indian Land 160 acres			

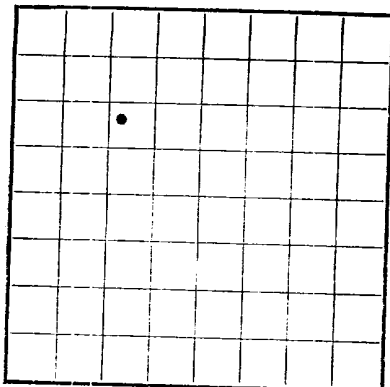


I hereby certify that the information given above is true and complete to the best of my knowledge.

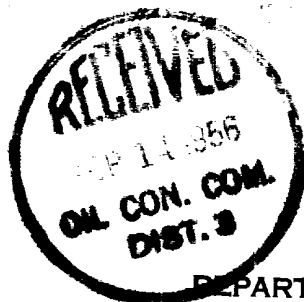
Name J. H. [illegible]
Position Executive Director
Representing New Mexico
Address Albuquerque

(over)

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
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LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Jicarilla Apache**

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES

Jicarilla Contract 148
Tract 245

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **South Blanco Pictured Cliffs** Address **South Blanco Pictured Cliffs**
Lessor or Tract **JICARILLA CONTRACT 148** Field **South Blanco Pictured Cliffs** State **New Mexico**
Well No. **6** Sec. **15** T. **25N** R. **5W** Meridian **NMPM** County **Rio Arriba**
Location **1550** ft. **100** of **N** Line and **1750** ft. **100** of **W** Line of **Sec. 15** Elevation **6940** (G)
(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 **H. O. Sperry**Date **July 18, 1956**Title **Field Superintendent**

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

Commenced drilling **March 21**, 19 **56** Finished drilling **May 31**, 19 **56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3145** to **3200 (G)** 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-1/2"	22.77	3	National	160	Guide				Surface
5-1/2"	11.8	3	C&I	3210	Guide				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	160	100	Circulated		
5-1/2"	3210	100	Circulated		

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 **0** feet to **3210** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 2, 19 **56** Put to producing **Shut in**, 19 _____

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

If gas well, cu. ft. per 24 hours **2,018,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **812 psi**

EMPLOYEES

G. R. Flinn, Driller **J. W. Dean**, Driller
My Old, Driller **J. D. Dean**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2770	2770	Surface sand and shale
2770	3145	375	Kirtland-Fruitland
3145	3210	65	Pictured Cliffs

BEGIN

TO

CONTINUED

[OVER]

END OF LOG

16-48094-3

FORMATION RECORD—CONTINUED

SECRET / 100-368300

PLEASE OR PRINT TO PROTECT

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

UNITED STATES

DEPARTMENT OF THE ARMY

RECEIVED
JUL 1 9 1956
U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

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1991:2

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

On June 1, 1956, well was perforated with four jet shots per foot as follows: 3156-3166; two jet shots per foot as follows: 3180-3200 feet. Well was then sand-water fracked with 20,000 gallons water and 30,000 pounds sand through these perforations. The formation broke at 3000 pounds. Average injection rate was 56 barrels per minute. Test after frac operations was 2,015 MCF per day.

Completion operations were resumed.

On March 21, 1956, well was spudded. On March 23, 1956, 8-5/8" casing was landed at 160 feet and cemented with 100 sacks. After waiting on cement for 66 days, casing and water shut off were tested with 500 pounds for 30 minutes with no drop in pressure. Drilling operations were resumed. On May 31, 1956, 5-1/2" casing was landed at 3210 feet and cemented with 100 sacks cement. After waiting on cement for 24 hours, casing and water shut off were tested with 1000 pounds for 30 minutes with no drop in pressure.

Casting Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Revised From— To—	Purpose
6-7/8	32.75	20 threads per inch	National	10	cut			

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, size, 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Gravelly sand and coarse
100	150	50	Light gray fine sand
150	175	25	Light gray fine sand
175	180	5	Light gray fine sand
180	190	10	Light gray fine sand
190	200	10	Light gray fine sand
200	210	10	Light gray fine sand
210	220	10	Light gray fine sand
220	230	10	Light gray fine sand
230	240	10	Light gray fine sand
240	250	10	Light gray fine sand
250	260	10	Light gray fine sand
260	270	10	Light gray fine sand
270	280	10	Light gray fine sand
280	290	10	Light gray fine sand
290	300	10	Light gray fine sand
300	310	10	Light gray fine sand
310	320	10	Light gray fine sand
320	330	10	Light gray fine sand
330	340	10	Light gray fine sand
340	350	10	Light gray fine sand
350	360	10	Light gray fine sand
360	370	10	Light gray fine sand
370	380	10	Light gray fine sand
380	390	10	Light gray fine sand
390	400	10	Light gray fine sand
400	410	10	Light gray fine sand
410	420	10	Light gray fine sand
420	430	10	Light gray fine sand
430	440	10	Light gray fine sand
440	450	10	Light gray fine sand
450	460	10	Light gray fine sand
460	470	10	Light gray fine sand
470	480	10	Light gray fine sand
480	490	10	Light gray fine sand
490	500	10	Light gray fine sand
500	510	10	Light gray fine sand
510	520	10	Light gray fine sand
520	530	10	Light gray fine sand
530	540	10	Light gray fine sand
540	550	10	Light gray fine sand
550	560	10	Light gray fine sand
560	570	10	Light gray fine sand
570	580	10	Light gray fine sand
580	590	10	Light gray fine sand
590	600	10	Light gray fine sand
600	610	10	Light gray fine sand
610	620	10	Light gray fine sand
620	630	10	Light gray fine sand
630	640	10	Light gray fine sand
640	650	10	Light gray fine sand
650	660	10	Light gray fine sand
660	670	10	Light gray fine sand
670	680	10	Light gray fine sand
680	690	10	Light gray fine sand
690	700	10	Light gray fine sand
700	710	10	Light gray fine sand
710	720	10	Light gray fine sand
720	730	10	Light gray fine sand
730	740	10	Light gray fine sand
740	750	10	Light gray fine sand
750	760	10	Light gray fine sand
760	770	10	Light gray fine sand
770	780	10	Light gray fine sand
780	790	10	Light gray fine sand
790	800	10	Light gray fine sand
800	810	10	Light gray fine sand
810	820	10	Light gray fine sand
820	830	10	Light gray fine sand
830	840	10	Light gray fine sand
840	850	10	Light gray fine sand
850	860	10	Light gray fine sand
860	870	10	Light gray fine sand
870	880	10	Light gray fine sand
880	890	10	Light gray fine sand
890	900	10	Light gray fine sand
900	910	10	Light gray fine sand
910	920	10	Light gray fine sand
920	930	10	Light gray fine sand
930	940	10	Light gray fine sand
940	950	10	Light gray fine sand
950	960	10	Light gray fine sand
960	970	10	Light gray fine sand
970	980	10	Light gray fine sand
980	990	10	Light gray fine sand
990	1000	10	Light gray fine sand