

[illegible]

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT 154

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Ohio Oil Company Address Box 120, Casper, Wyoming

Lessor or Tract Jicarilla Field So. Blanco PC State New Mexico

Well No. 7 Sec. 27 T. 26N R. 5W Meridian _____ County Rio Arriba

Location 1050 ft.

XX
S.

 of N. Line and 990 ft.

E.
XX

 of N. Line of Section 27 Elevation 6506
(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 _____

Date February 13, 1957 Title Division Production Supt.

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

Commenced drilling Dec. 28....., 19 55 Finished drilling January 15....., 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2910 to 3003 (G) No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____

IMPORTANT WATER SANDS

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

No. 2, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	174	135			
7	2914	100			

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 2925 feet, and from _____ feet to _____ feet.

Cable tools were used from 2925 feet to 3003 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing -----, 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 **3,400** ~~Not~~ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- **982** -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>SCHLIMBERGER FORMATION TOPS</u>
		Kirtland - 2519	
		Fruitland - 2730	
		Pictured Cliffs - 2908	
			<u>SAND-PRACING OPERATIONS</u>
			Sand fraced from 2914-3003 with 45,760 gallons water and 45,000# sand. Average injection rate 50.6 Bbls./ Minute. Breakdown pressure 1200#, flushed with 5,500 gallons water.

HISTORY OF OIL OR GAS WELL

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

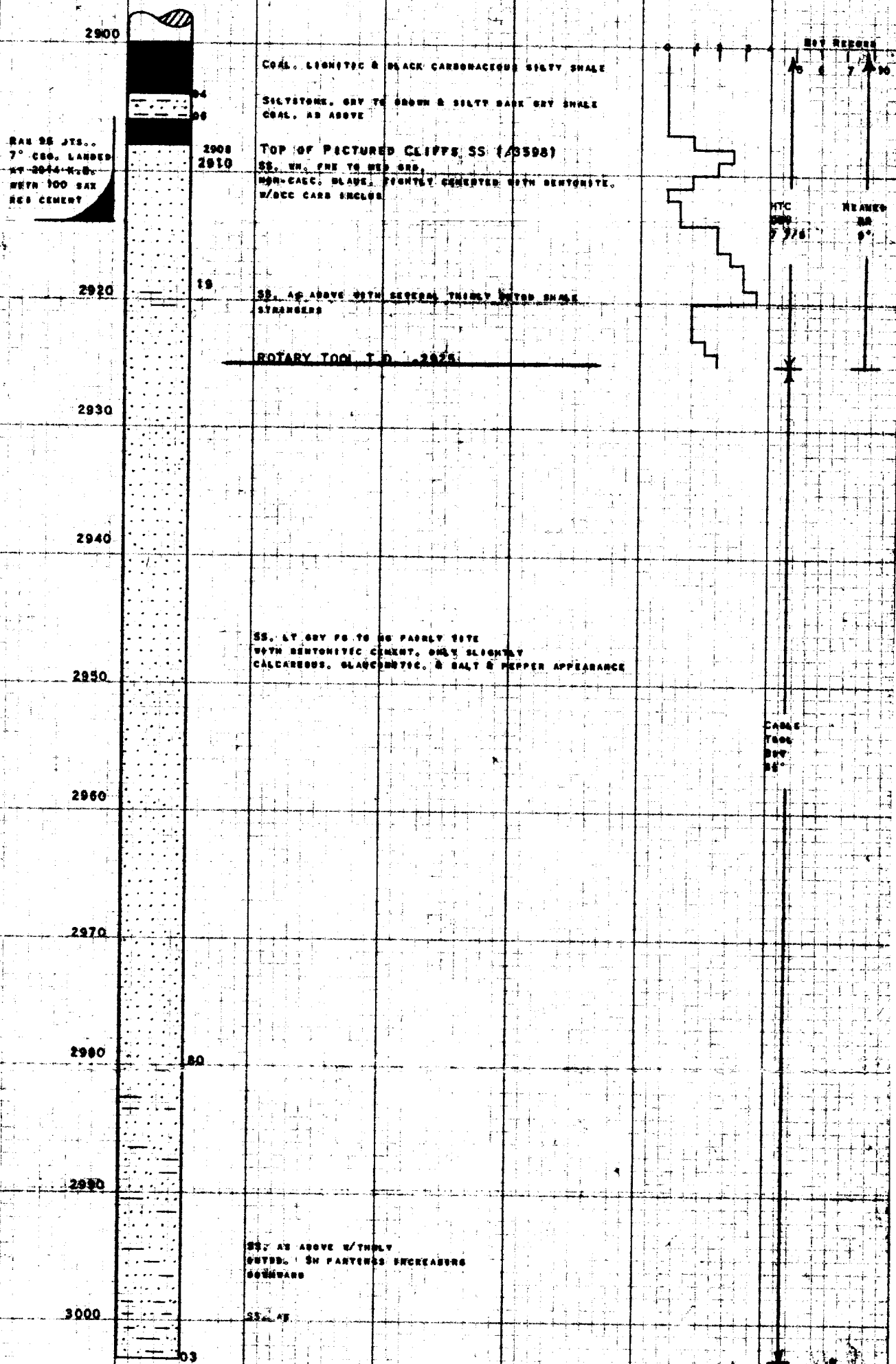
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THE OHIO OIL COMPANY
Jicagilla #7 Well
1050/N, 990/W, Section 27, T26N., R5E.
Rio Arriba Co., New Mexico

Elevations: 6494 Gr.
6506 K.B.

All measurements from K.B.

DETAIL LOG



CASING RECORD:

SURFACE RAN 5 JTS., 10 1/2", 32.75#, 8R, H-40 CSG, NET 158.84, SHOE 1.23, TOTAL 160.07, LANDED AT 173.72 K.B., CEMENTED WITH 125 SAX REG. BY: HOWCO, DISPLACED CSG WITH 17.5 BBL WATER. GOOD RETURNS. P.B.T.D. 156 K.B.

PRODUCTION RAN 94 JTS., 7", OD 20#, J-35, 8R CSG, NET 2812.56 COLLAR 1.50, SHOE 0.13, TOTAL 2815.39, LANDED SHOE AT 2814 K.B. COLLAR AT 2846.88, GEARING AT 2805.87, 2842.82, & 2859.88 CEMENTED WITH 100 SAX REG BY: HOWCO. DISPLACED CSG WITH 118 BBL WATER. END TOP CEMENT 2900 P.B.T.D. 2867 K.B.

TUBING RECORD RAN 94 JTS., 2 3/8", 4.7#, J-55, 8R, NET 2947.64, ANCHOR 30.85 PUP 8.00 TOTAL 2986.59, LANDED AT 2997.09 K.B. 0' OFF T.D.

TREATMENT RECORD:

NATURAS GAUGE - 23,300 CFG/D. SAND-FRACED FROM 2914 TO 3003 WITH 45,760 GAL WATER & 45000# SAND. AVE INJECT. RATE 50.8 GPM/HR BROKE DOWN FORMATION WITH 1200#. FLUSHED SAND WITH 5500 GALS WATER TREATMENT PRESSURE 800#. FINAL PRESSURE 400#. TOTAL PUMP TIME 22.5 MIN.

DRILL STEM TEST: NONE RUN

WELL HISTORY:

12/26/55 RIGGING UP
12/28/55 RAN SURFACE CASING
1/3/56 TOPPED PICTURE CLIFFS SS
1/4/56 RAN PRODUCTION CASING & RELEASED RIG
1/5/56 RAN TEMP SURVEY
1/6/56 CABLE TOOL ON LOCATION
1/11/56 RAN SCHUM LOGS
1/12/56 SAND-FRACED
1/13/56 RAN TUBING
1/14/56 RELEASED CABLE TOOL RIG PLOWING WELL

COMPLETION DATA:

PRELIMINARY GAUGE OF 3,400 MCFG/D MAKING SPRAY OF SALTY WATER

GEOLOGY BY E.P. CHIPMAN
LOG BY GEO. DANA