



U. S. LAND OFFICE **Santa Fe**
 SERIAL NUMBER **NM 020498**
 LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Ohio Oil Company Address P. O. Box 120, Casper, Wyoming
Lessor or Tract Government Field Basin Dakota State New Mexico
Well No. 2-15 Sec. 15 T. 28N R. 11W Meridian _____ County San Juan
Location 890 ft. N. of S Line and 990 ft. XXY of E Line of Section 15 Elevation 5526' KB
(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.

Date **December 8, 1960**

Title **Division Production Supt.**

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

Commenced drilling October 14 19 60 Finished drilling November 8 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5949 to 6135 No. 4, from _____
 No. 2, from _____ to _____ No. 5, from _____
 No. 3, from _____ to _____ No. 6, from _____

RECEIVED

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, 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	615.83	400 sacks	Pump & Plug		
7-5/8	1649.42	475 sacks			
4-1/2	8224.29	200 sacks			

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

[illegible]

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from ----- feet to 6225 feet, and from ----- feet to ----- feet.

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

DATES

~~November 30~~-----, 19~~60~~----- 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 ~~4,980 MCFD~~ thru 3/4" choke. Gallons gasoline per 1,000 cu. ft. of gas -----
Calculated absolute open flow 6,904 MCFD
 Rock pressure, lbs. per sq. in. ~~2,132~~ -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	Schlumberger Log Tops:		Morrison 6200'
			Dakota 6024'
			Craneros 5912'
			Greenhorn 5854'
			Sanastee 5495'
			Gallup 5076'
			Mancos 4185'
			Point Lookout 4057'
			Menefee 3192'
			Cliffhouse 3054'

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NEW PA9 30 J10 30 D04

[illegible]

Spudded well.
10/14
10/16
Ran 31 lbs. 10-3/4" casing landed at 616' KB. Cemented with 400 sacks and 3% CaCl₂.
10/17
Drilled to 875' and well blew out from stray gas sand.
10/18
Killed well with mud.
10/24
Ran 49 lbs. 7-5/8" 26.4 lb-ft casing landed at 1649' KB. Cemented with 475 sacks 50-50 portmix and 2% CaCl₂.
11/7
TD 6225'. Ran 136 lbs. 4 1/2" 9.5 lb-ft and 11.6 lb-ft casing landed at 2242' KB. Cemented with 200 sacks 50-50 portmix and 2% gel.
11/9
Performed Dakota 6100-6135 with 4 jets per foot. Sand fraced with 40,000# 20-40 sand in 80,000 gals. water. Breakdown pressure 2000#, maximum treating pressure - 3300#, maximum injection rate 26 BPM.
11/10
Retorted 5970-90, 5949-59, 6022-59 with 4 jets per foot. Sand fraced with 80,000# 20-40 sand in 80,000 gallons water. Breakdown pressure 1300#, maximum treating pressure 3300#.
11/30
Ran one point back pressure test. Flow at end of 3 hours on 3/4" choke 4,980 MCFPD, CVOF 6904 MCFPD, flowing pressures - casing 1262#, tubing 405#. Seven day shut-in pressures - casing 2132#, tubing 2028#.

0961

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 pings 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

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