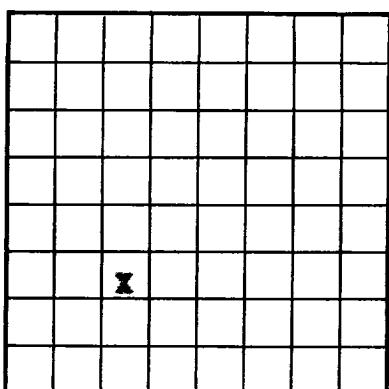
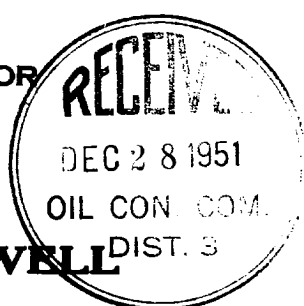




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078578 A
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Santa Fe Production Company Address P. O. Box 997, Farmington, New Mexico
Lessor or Tract Small Field Blanco - La Plata State New Mexico
Well No. 1 K Sec. 21 T. 30N R. 2E Meridian N. M. P. M. County Santa Fe
Location 1750 ft. ^(N.) of 2 Line and 1650 ft. ^(E.) of 1 Line of Section 21 Elevation 7788
_(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 ORIGINAL SIGNED E. J. COELDate December 19, 1951Title Petroleum Engineer

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

Commenced drilling September 14, 1951 Finished drilling October 26, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2535 to 2622 (G) No. 4, from 4705 to 4822 (G)
No. 2, from 4187 to 4342 (G) No. 5, from _____ to _____
No. 3, from 4342 to 4705 (G) 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—	
<u>9-5/8</u>	<u>26</u>	<u>8</u>	<u>Young</u>	<u>150</u>	<u>2622</u>	<u>2535</u>			<u>Production</u>
<u>7</u>	<u>16.5</u>	<u>8</u>	<u>Young</u>	<u>300</u>	<u>4200</u>	<u>4187</u>			<u>Production</u>
<u>2</u>	<u>4.65</u>	<u>8</u>	<u>Young</u>	<u>158</u>	<u>4822</u>	<u>4705</u>			<u>Prod. tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8</u>	<u>302</u>	<u>150</u>	<u>Circulated</u>		
<u>7</u>	<u>4200</u>	<u>300</u>	<u>Single stage</u>		

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
<u>Quartz</u>	<u>Regular</u>	<u>A. M. G.</u>	<u>1365</u>	<u>10-27</u>	<u>4250-4900</u>	<u>4900</u>

TOOLS USED

Rotary tools were used from _____ feet to 4200 feet, and from 4200 feet to 4900 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 1951 Put to producing _____, 19_____
November 27
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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 3,500,000
1050

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>630</u>	<u>630</u>	<u>Tan coarse gr. ss. w/this shale breaks.</u>
<u>630</u>	<u>1001</u>	<u>371</u>	<u>Variog. shales w/this ss. breaks.</u>
<u>1001</u>	<u>1511</u>	<u>510</u>	<u>Tan to gry. coarse gr. ss. interbedded v/gry. shales.</u>
<u>1511</u>	<u>1590</u>	<u>79</u>	<u>Ojo Alamo ss. White coarse gr. sand. Top Ojo Alamo 1511.</u>
<u>1590</u>	<u>2255</u>	<u>665</u>	<u>Kirtland fm. Gry. shale interbedded v/tight gry. fine gr. ss.</u>
<u>2255</u>	<u>2535</u>	<u>280</u>	<u>Fruitland fm. Gry shales, scattered coals and gry. tight fine gr. ss. Top Fruitland 2255.</u>
<u>2535</u>	<u>2622</u>	<u>87</u>	<u>Pictured Cliffs fm. Gry., fine gr., tight, varicolored soft ss. Top Pictured Cliffs 2535.</u>
<u>2622</u>	<u>4187</u>	<u>1565</u>	<u>Lewis fm. Gry. to white dense shale v/sil. to shaly ss. streaks. Top Lewis 2622.</u>
<u>4187</u>	<u>4342</u>	<u>155</u>	<u>Cliff House ss. Gry. fine gr. dense sil. ss. Top Cliff House 4187.</u>
<u>4342</u>	<u>4705</u>	<u>363</u>	<u>Mancos fm. Gry fine gr. sands, carb. shales and coal. Top Mancos 4342.</u>
<u>4705</u>	<u>4822</u>	<u>117</u>	<u>Point Lookout fm. Gry. very fine sil. ss. w/ frequent shale breaks. Top Point Lookout 4705.</u>
<u>4822</u>	<u>4980 T.D.</u>	<u>158</u>	<u>Mancos fm. Gry. carb. shale. Top Mancos 4822.</u>