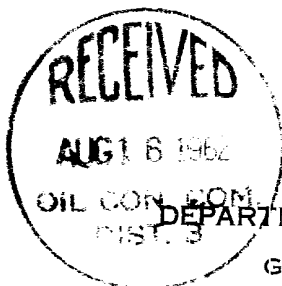


LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 02361
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Lodewick Field Basin Dakota State New Mexico
Well No. 10 Sec. 30 T. 27N. R. 9W. Meridian N.M. 1 N. County San Juan
Location 1190 ft. N of N Line and 990 ft. E of N Line of Section 30 Elevation 6503
(Denote gas by G)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. Original Signed D. W. M...
Signed _____Date August 13, 1962 Title Petroleum Engineer

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

Commenced drilling 5-26, 1962 Finished drilling 6-7, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5681 to 6800 (G) No. 4, from _____ to _____
No. 2, from 6800 to 6979 (G) 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	
<u>9 5/8</u>	<u>36#</u>	<u>8 Bd.</u>	<u>J-55</u>	<u>280</u>	<u>BMCO</u>				<u>Surface</u>
<u>4 1/2</u>	<u>10.5#</u>	<u>8 Bd.</u>	<u>J-55</u>	<u>6968</u>	<u>Baker</u>				<u>Prod. Csg.</u>
<u>2 3/8</u>	<u>4.7#</u>	<u>8 Bd.</u>	<u>J-55</u>	<u>6849</u>	<u>Baker</u>				<u>Prod. Tbg.</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>294</u>	<u>200</u>	<u>Circulated</u>		
<u>4 1/2</u>	<u>2979</u>	<u>370</u>	<u>2 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>6712-20, 6806-10, 6825-29, 6874-78 w/2 SPW fractured w/70,800 gallons water, 60,000# sand. Flush w/4460 gallons. I.R. 31.7 BPM, Max. pr. 4200, BDP 2300#, cr. pr. 3450-2500-4200-2500#. Dropped 2 sets of 8 balls.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 6979 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 7-19, 1962 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 2,873,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1617 Csg. A.O.P. = 3613 MCF/D

EMPLOYEES

Great Western RLE #3 _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1351</u>	<u>1351</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1351</u>	<u>1517</u>	<u>166</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>1517</u>	<u>2151</u>	<u>634</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2151</u>	<u>2319</u>	<u>168</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals & gry, tight, fine-grn ss.</u>
<u>2319</u>	<u>2358</u>	<u>39</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>2358</u>	<u>3868</u>	<u>1510</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>
<u>3868</u>	<u>3971</u>	<u>103</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>3971</u>	<u>4662</u>	<u>691</u>	<u>Menefee form. Gry, fine-grn s, carb sh & coal.</u>
<u>4662</u>	<u>4785</u>	<u>123</u>	<u>Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.</u>
<u>4785</u>	<u>5810</u>	<u>1025</u>	<u>Mancos formation. Gry carb sh.</u>
<u>5810</u>	<u>6625</u>	<u>815</u>	<u>Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.</u>
<u>6625</u>	<u>6681</u>	<u>56</u>	<u>Greenhorn form. Highly calc gry sh w/thin lmst</u>
<u>6681</u>	<u>6800</u>	<u>119</u>	<u>Graneros form. Dk gry shale, fossil & carb w/prite incl.</u>
<u>6800</u>	<u>6849</u>	<u>49</u>	<u>Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & sha shale breaks.</u>

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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 bailing.

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