

Form 9-330

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U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029242 (a)

LEASE OR PERMIT TO PROSPECT

U.S.A. Woolley

UNITED STATES

DEPARTMENT OF THE INTERIOR

NOV 24 1961 GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Texas Pacific Coal & Oil Company Address P. O. Box 1688, Hobbs, New MexicoLessor or Tract U.S.A. Woolley Fed. Field Loce Hills Abo State New MexicoWell No. 3 Sec. 21 T. 17-S R. 30-E Meridian NMPM County EddyLocation 1900 ft. ^(N.) of 5 Line and 1650 ft. ^(E.) of W Line of Sec. 21 Elevation 3645
(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 William M. RathDate November 22, 1961Title Petroleum Engineer

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

Commenced drilling September 7, 1961, 19... Finished drilling October 15,, 19... 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

PERFORATIONS:
No. 1, from 6780 to 6818 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—	
<u>13-3/8</u>	<u>460</u>	<u>8</u>	<u>Sal.</u>	<u>6818</u>	<u>Plug</u>		<u>6780</u>	<u>6818</u>	<u>Intermediate Production</u>
<u>8-5/8</u>	<u>3908</u>	<u>8</u>	<u>Sal.</u>	<u>6818</u>	<u>Plug</u>				
<u>5-1/2</u>	<u>6829</u>	<u>8</u>	<u>Sal.</u>	<u>6818</u>	<u>Plug</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>460</u>	<u>500 Bag. + 4% Cel</u>	<u>Pump & Plug</u>		
<u>8-5/8</u>	<u>3908</u>	<u>1650 Bag. + 50-50 Pm. P. & Plug</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>6829</u>	<u>850 50-50 Pm. P. & Plug</u>	<u>Pump & Plug</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

TOOLS USED

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

DATES

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller
Leslie Kutin, Driller
_____, Driller
K. E. Jernigan, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>345</u>	<u>345</u>	<u>Red Bed and Sand</u>
<u>345</u>	<u>746</u>	<u>401</u>	<u>Anhydrite & Red Bed</u>
<u>746</u>	<u>1245</u>	<u>499</u>	<u>Salt and Anhydrite</u>
<u>1245</u>	<u>1445</u>	<u>200</u>	<u>Anhydrite</u>
<u>1445</u>	<u>1757</u>	<u>312</u>	<u>Gypsum and Anhydrite</u>
<u>1757</u>	<u>1822</u>	<u>65</u>	<u>Anhydrite</u>
<u>1822</u>	<u>2368</u>	<u>546</u>	<u>Gypsum & Anhydrite</u>
<u>2368</u>	<u>2423</u>	<u>55</u>	<u>Anhydrite</u>
<u>2423</u>	<u>2523</u>	<u>100</u>	<u>Sand, Lime, Anhydrite & Gypsum</u>
<u>2523</u>	<u>2655</u>	<u>132</u>	<u>Lime & Gypsum</u>
<u>2655</u>	<u>2741</u>	<u>86</u>	<u>Anhydrite and sandy lime</u>
<u>2741</u>	<u>2860</u>	<u>119</u>	<u>Lime and Gypsum</u>
<u>2860</u>	<u>2948</u>	<u>88</u>	<u>Dolomite, Lime and Anhydrite</u>

(OVER)

FORMATION RECORD—CONTINUING

16-48094-4

