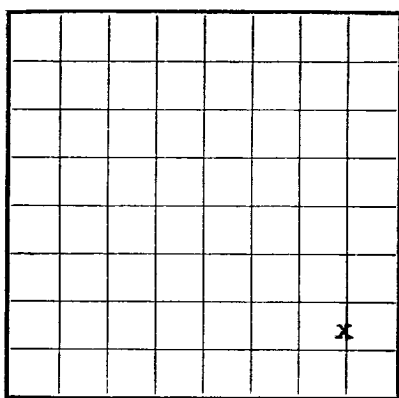




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-054668
LEASE OR PERMIT TO PROSPECT
Farnsworth "4"UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Texas Pacific Coal & Oil Company Address P. O. Box 1688, Hobbs, New Mexico
Lessor or Tract Farnsworth "4" Field Langlie Mattix State New Mexico
Well No. 14 Sec. 4 T. 26 R. 37 Meridian NMPH County Lea
Location 990 ft. N of S Line and 660 ft. E of E Line of Section 4 Elevation 2996'
(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 C. R. JellumDate February 6, 1963 Title District Engineer

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

Commenced drilling January 5,, 19 63 Finished drilling January 17,, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3238 to _____ No. 4, from 3257 to _____
No. 2, from 3240 to _____ No. 5, from 3260 to _____
No. 3, from 3242 to _____ No. 6, from _____ to _____

One shot per point

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>8-5/8</u>	<u>28 3/4</u>	<u>8</u>	<u>Galv.</u>	<u>10280</u>	<u>Plug</u>	<u>3238</u>	<u>3238</u>	<u>3240</u>	<u>Surface</u>
<u>5-1/2</u>	<u>19 1/2</u>	<u>8</u>	<u>Galv.</u>	<u>10280</u>	<u>Plug</u>	<u>3240</u>	<u>3240</u>	<u>3242</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>355</u>	<u>350 Reg. + 4% Gel</u>	<u>Pump & Plug</u>		
<u>5-1/2</u>	<u>3290</u>	<u>250 Reg. + 4% Gel</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 0 feet to 3290 feet, and from _____ feet to _____ feet

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

DATES

January 20,, 19 63 Put to producing January 25,, 19 63The production for the first 24 hours was 95 barrels of fluid of which 84 % was oil; 0 %
emulsion; 16 % water; and 0 % sediment. Gravity, °Bé. 31

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. C. Baker, Driller L. A. James, DrillerK. E. Jernigan, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	355	355	Caliche & Red Bed
355	1010	655	Red Bed
1010	1350	340	Red Bed & Salt
1350	2115	765	Anhydrite & Salt
2115	2380	265	Anhydrite & Gyp & Salt
2380	2512	132	Anhydrite & Salt
2512	2815	303	Anhydrite & Gyp
2815	2885	70	Anhydrite
2885	2958	73	Anhydrite & Gyp & Lime
2958	2999	41	Anhydrite & Gyp
2999	3032	33	Lime
3032	3040	8	Lime & Gyp
3040	3095	55	Anhydrite
3095	3198	103	Lime & Gyp
3198	3252	54	Lime & Sand
3252	3290	38	Lime
GEOLOGICAL TOPS (ELECTRIC LOGS)			
T/Anhydrite	950'		
T/Salt	1190'		
T/Thomas Salt	2470'		
T/Yates	2620'		
T/7 Rivers	2878'		
T/Queens	3236'		

(OVER)

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

100-443887-1000

Q. 10. Find the value of $\sin^{-1} \left(\frac{1}{\sqrt{2}} \right)$.

SCHEIDT HILFEN FÜR DIE FAMILIE

RECORD

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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