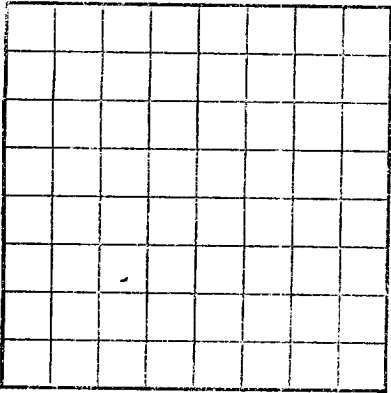


Form 9-330



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 046563
LEASE OR PERMIT TO PROSPECT
USA Fred Fessel "E"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 22 1953
U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma
Lessor or Tract USA Fred Fessel "E" Field Fulcher Kutz State New Mexico
Well No. 1 Sec. 32 T. 28 N. R. 10 W. Meridian N. 104 County San Juan
Location 1450 ft. N. of S. Line and 1800 ft. E. of W. Line of Section 32 Elevation 5950
(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 E. P. Fessel
Date June 18, 1953 Title Field Superintendent

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

Commenced drilling February 7, 1953 Finished drilling February 14, 1953

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1832 to 1926 (G) No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

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>26</u>	<u>8</u>	<u>Made in Germany</u>	<u>96</u>	<u>guide</u>				
<u>5-1/2"</u>	<u>17</u>	<u>8</u>	<u>Chester</u>	<u>1824</u>	<u>Guide</u>				
<u>1-1/4"</u>	<u>2.3</u>	<u>8</u>	<u>Bethlehem</u>	<u>1925</u>			<u>1914</u>	<u>1925</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>108</u>	<u>75</u>	<u>Displacement</u>		
<u>5-1/2"</u>	<u>1886</u>	<u>75</u>	<u>Displacement</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 1926 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing March 9, 1953
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 2,420,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 509

EMPLOYEES

E. D. Barnard, Driller Art Forsythe, Driller
I. S. Bond, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1710</u>	<u>1710</u>	<u>Shale and sand</u>
<u>1710</u>	<u>1832</u>	<u>122</u>	<u>Shale, sand and coal</u>
<u>1832</u>	<u>1926</u>	<u>94</u>	<u>Sand (top Pictured Cliffs - 1832)</u>

[illegible]

Well was spudded at 10:30 a.m., February 7, 1953, and drilled to a depth of 1901 feet with rotary rig. 5 1/2" casing was landed at 1086 feet with 75 sacks of cement. Then well was drilled to a total depth of 1926 feet with rotary rig by using gas for drilling from 1901 to 1926 feet.

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The well was treated with 2500 pounds of sand and 2500 gallons of H₂O. 2 barrels were run from 1000 to 1926 feet. Hydraulic fracturing pressure 500 pounds. The well was allowed to drain. 1 barrel of diesel was pumped. The tubing was landed at 1927 feet. Well was shut in 96 hours. Mine in casing pressure - 509 psi. Well measured 2120 WFL. Shut in after 3 hours blow down through 2" outlet with 2107 and 1927 WFL.