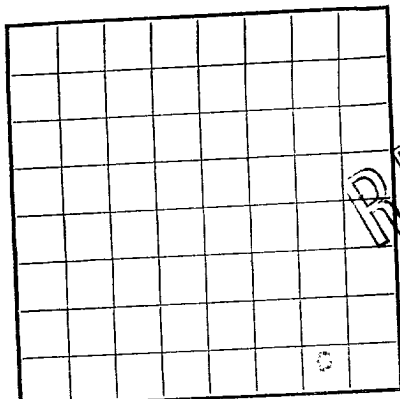


U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Astec Oil and Gas Company Address Drawer # 570, Farmington, New Mexico
Lessor or Tract Smith Field Totah Gallup State New Mexico
Well No. 1-C Sec. 18 T. 29N R. 13W Meridian N.M.P.M. County New Mexico
Location 705 ft. N. of 3 Line and 2110 ft. W. of 5 Line of Section 18 Elevation 5235 ft. (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.

Date July 12, 1961Signed Joe C. Salmon Title District Superintendent

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

Commenced drilling 4/20/61, 1961 Finished drilling 4/30/61, 1961OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4950 to 4980 No. 4, from _____ to _____
No. 2, from 5022 to 5030 No. 5, from _____ to _____
No. 3, from 5064 to 5074 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>6 5/8</u>	<u>24</u>	<u>8</u>	<u>1-55</u>	<u>129</u>					
<u>4 1/2</u>	<u>9.5</u>	<u>8</u>	<u>1-55</u>	<u>5075</u>					
<u>2 3/8</u>	<u>4.7</u>	<u>8</u>	<u>1-55</u>	<u>4982</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>6 5/8</u>	<u>200</u>	<u>225</u>	<u>displacement</u>		
<u>4 1/2</u>	<u>5035</u>	<u>400</u>	<u>two plug</u>		
<u>2 3/8</u>	<u>4992</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>29 Bbls. oil. fraced with 35,000 sand, 15,000 10/20 sand, 1440 lbs. oil, cleaned w/ 25 Bbls. oil. Breakdown 1450, Max. 3000, Avg. 2050, I.R. 31.3, 5 min. shut-in- 1300</u>						
<u>Sand-oil fraced with 36,000 sand, 959 Bbls. oil, flushed w/ 25 Bbls. oil. Breakdown 3700, pumped in at 2900, Avg. 2900, I.R. 28.2</u>						
<u>Rotary tools were used from 0 feet to 5086 feet, and from 5086 feet to 5081 feet</u>						
<u>Cable tools were used from 0 feet to 5086 feet, and from 5086 feet to 5081 feet</u>						

DATES

Put to producing 7/12/61, 1961The production for the first 24 hours was 11.02 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>205</u>	<u>205</u>	<u>surface</u>
<u>205</u>	<u>1300</u>	<u>1095</u>	<u>sand and shale</u>
<u>1300</u>	<u>2309</u>	<u>1009</u>	<u>sand and shale</u>
<u>2309</u>	<u>2793</u>	<u>484</u>	<u>sand and shale</u>
<u>2793</u>	<u>3733</u>	<u>940</u>	<u>sand and shale</u>
<u>3733</u>	<u>4061</u>	<u>328</u>	<u>sand and shale</u>
<u>4061</u>	<u>4451</u>	<u>390</u>	<u>sand and shale</u>
<u>4451</u>	<u>4927</u>	<u>476</u>	<u>sand and shale</u>
<u>4927</u>	<u>5086</u>	<u>159</u>	<u>sand and shale</u>

RECEIVED
JUL 17 1961
DISTRICT SUPERINTENDENT

PICTURED CLIFFS- 935
CLIFF HOUSE- 2550
POINT LOOKOUT- 3433
GALLUP- 4646

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

THE UNIVERSITY OF CHICAGO

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.

HISTORY OF OIL OR GAS WELL

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