

U. S. LAND OFFICE ~~14-24-603-789~~

SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOGICAL SURVEY
MAY 1 1964
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO
FOR GAS WE

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 467, Farmington, New Mexico
Lessor or Tract Eskeenalwood Field So. Blanco P. O. State New Mexico
Well No. 1 Sec. 25 T. 28N R. 9W Meridian NMPM County San Juan
Location 1650 ft. N. of S Line and 1650 ft. E. of E Line of Section 25 Elevation 5831
(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 W. J. [Signature]
Date May 7, 1957 Title Field Superintendent

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

Commenced drilling April 17, 1957 Finished drilling April 30, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1954 to 1970 (C) No. 4, from 1971 to 1977 (C)

No. 2, from 2070 to 2140 (9) No. 5, from 2140 to 2157

No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1931 to 1932 No. 3, from 1933 to 1934

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	
6-5/8 22.75 or equal. If binder or plug was used, or if cemented, or if lined.	Slip Joint Armocon	151	Guide						Surface
5-1/2 20.00	National 2175		Guide						Casing
									IN BLOW - ON OF ONE MEET
									G-73034-S GOSHENITE DRILLING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	160	130	Halliburton 2	plug	
5-1/2	2170	100	Halliburton 2	plug	

PLUGS AND ADAPTERS

OLD	MARK
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3	3
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100	100

Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 217 feet, and from 217 feet to 217 feet.

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

April 30	19 57	Put to producing	Shut In	19 58
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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 3,599,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Don Munoz, Driller J. F. Turnbow, Driller

Paul C. Glover	Driller	E. L. Martin	Driller
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FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	710	710	Surface sand & shale (Animas) shale & sand
710	970	260	(Ojo Alamo) sand
970	1720	750	(Kirtland Farmington) sand & shale
1720	2075	355	(Fruitland) sand, shale & coal
2075	2171	96	(Pictured Cliffs) shale

16-43094-3

FORMATION RECORD—Continued

УББЛОАУJ exBиLES 15-31-22.
Bиrдеf Bиrлеm ИО. 15-15-3223.

100-43004-2

PLUGS AND ADVISERS	
SHOOTING RECORD	
MUDLOGGING AND CEMENTING RECORD	

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.

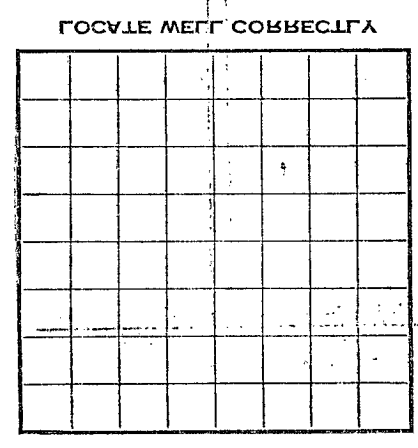
On April 17, 1957, this well was spudded and on April 17, 1957, 8-5/8" casing was set at 160' with 130 sacks of cement. After waiting on cement for 24 hours, casing and water shut off were tested with 400 pounds pressure for 30 minutes with no drop in pressure. Drilling operations were resumed.

On April 22, 1957, 5-1/2" casing was set at 237' with 100 sacks cement. After waiting on cement for 6 days, casing and water shut off were tested with 1000 lbs. of pressure for 30 minutes with no drop in pressure. Completion operations were resumed.

On April 29, 1957, perforated with 2 shots per foot 2120-2094 and 1 shot per foot from 2094-2075. Fracked these perforations with 25,000 gallons water and 35,000 lbs sand, average injection rate 46 BPM.

Preliminary test 3599 MCFD.
The summary on this page is for the condition of the well at above date.

Location		Elevation	
Well No.		County	
Geological		State	
Company		Address	



LOC OF OIL OR GAS WELL

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UNITED STATES

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APPLICATION expires 12-31-58

Revised Bureau No. 43-B-3223