

U. S. LAND OFFICE Navajo Tribal

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 480, Farmington, New MexicoLessor or Tract Navajo Tribal "N" Field Wildcat State New MexicoWell No. 1 Sec. 17 T. 26N R. 18W Meridian N.M.P.M. County San JuanLocation 790 ft. N. of 3 Line and 790 ft. E. of 4 Line of Section 17 Elevation 5845
(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. Fred A. Nabors, District Engineer

Signed

Date December 26, 1963

Title

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

Commenced drilling January 22, 1963 Finished drilling March 31, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6392 to 6410 (G) No. 4, from toNo. 2, from 6334 to 6355 (G) 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>3 3/8" 48#</u>		<u>8PT</u>	<u>H-40</u>	<u>380</u>	<u>Guide</u>				<u>Surface</u>
<u>2 5/8" 36#</u>		<u>8PT</u>	<u>H-40</u>	<u>3527</u>	<u>Guide</u>				<u>Intermediate</u>
<u>5-1/2" 15.5#</u>		<u>8PT</u>	<u>J-55</u>	<u>6680</u>	<u>Guide</u>				<u>Oil string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>1 3/8"</u>	<u>391</u>	<u>580</u>	<u>HJ-1 plug</u>		
<u>2 5/8"</u>	<u>3509</u>	<u>700</u>	<u>HJ-2 plug</u>		
<u>5-1/2"</u>	<u>6653</u>	<u>600</u>	<u>HJ-2 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 6694 feet, and from feet to feet

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

DATES

Completed as shut-in gas well April 12, 1963 Put to producing Shut-in April 12, 1963

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 10,588 Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. 2550 # (C.V.)

EMPLOYEES

Stilks Priddy, Driller E. D. Davis, Driller

H. W. McDonald, Driller M. D. Fogg, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	859	859	Surface an & sh
859	993	134	Bakota
993	1945	952	Morrison
1945	2115	170	Bluff
2115	2136	21	Todilto
2136	2890	754	Entrada
2890	3800	910	Chinle
3800	4400	600	DeChelly
4400	4994	594	Cutler
4994	5700	706	Penns. Ivanian
5700	6156	456	Ismay
6156	6318	162	Barker Creek
6318	6521	203	Lower Hermosa
6521	6546	25	Molas
6546	6599	53	Mississippian Karst
6599	6694	95	Mississippian Massive

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OIL OR GAS SANDS OR LENSES

(1) 96 624 63.8953

_____ and _____ of _____ met _____

_____ mod 3 $\mathbb{Z}^2$ _____ mod 3 $\mathbb{Z}^2$

_____ of _____, Nevada, do hereby certify that _____ of _____, Nevada, is the owner of _____ of _____, Nevada, and that _____ of _____, Nevada, is the owner of _____ of _____, Nevada.

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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 "gacked" 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

U. S. GOVERNMENT PRINTING OFFICE: 1964-2

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