

U. S. LAND OFFICE Durango
SERIAL NUMBER 14-20-604-1946
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address P. O. Box 480, Farmington, New Mexico
Lessor or Tract West Barker Dome Field Wildcat State New Mexico
Well No. 1 Sec. 4 T-31N R-16W Meridian N.M.P.M. County San Juan
Location 1650 ft. [N.] of S Line and 990 ft. [W.] of E Line of Section 1 Elevation 6668
(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 _____

Date March 28, 1963 Title Petroleum Engineer

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

Commenced drilling February 23, 1963 Finished drilling March 15, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ 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>13-3/8"</u>	<u>48</u>	<u>API</u>	<u>Hard</u>	<u>197</u>	<u>Guide</u>				<u>Surface</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>485</u>	<u>500</u>	<u>Halliburton 1 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 3632 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Completed as Dry Hole

DATES

Plugged and Abandoned

March 15, 1963Put to producing March 15, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

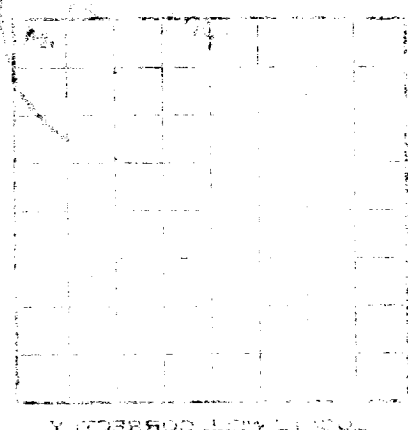
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

James Smith, Driller L. E. Nichols, Driller
Jack White, Driller Gene B. Sandefer, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1194</u>	<u>1194</u>	<u>Mesa Verde Sand and Shale</u>
<u>1194</u>	<u>3243</u>	<u>1749</u>	<u>Mancos Shale</u>
<u>3243</u>	<u>3303</u>	<u>60</u>	<u>Greenhorn Shale</u>
<u>3303</u>	<u>3363</u>	<u>60</u>	<u>Graneros Shale</u>
<u>3363</u>	<u>3572</u>	<u>209</u>	<u>Dakota Sand and Shale</u>
<u>3572</u>	<u>3594</u>	<u>22</u>	<u>Barro Canyon Sand and Shale</u>
<u>3594</u>	<u>3632</u>	<u>38</u>	<u>Morrison Shale</u>



LOC OF DIT OR CAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

NO INFO ON CAR SAVINGS OR LOANS

IMPORTANT WATER BARRIERS

UNCLASSIFIED

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 "backtracked" or left in the well, give its size and location. If the well has been dyanmited, 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Leaving from - Initial Address - Initial	Length Size	Depth set
---	----------------	-----------

SHOOTING RECORD

[illegible]

TOOL USED

of test	more has been used than	of test	more has been used than
of test	more has been used than	of test	more has been used than
DATE			

ESTAD

[illegible]

FORMATION REPORT

[illegible]