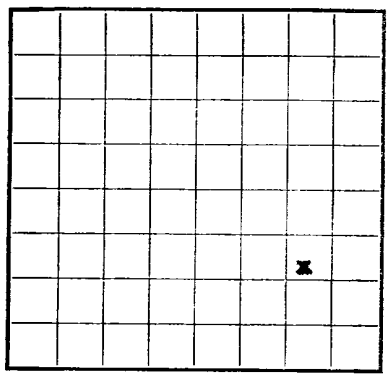
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office Santa Fe
Serial Number SF-077951
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico
Lessor or Tract Jack Frost "C" Field Basin Dakota State New Mexico
Well No. 1 Sec. 26 T. 27N R. 10W Meridian N.M.P.M. County San Juan
Location 1450 ft. {N./S.} of S Line and 925 ft. {E./W.} of E Line of Section 26 Elevation 6616'
(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 February 13, 1963 Title Petroleum Engineer

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

Commenced drilling January 2, 1963 Finished drilling January 18, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6938 to 6948 (G) No. 4, from to
No. 2, from 6916 to 6929 (G) No. 5, from to
No. 3, from 6822 to 6831 (G) 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 From—	Perforated To—	Purpose
8-5/8"	32.7#	8R	Armco	358'	Guide				Surface
4-1/2"	10.5#	8RT	J-55	7059'	Guide				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	362'	200	Circulated		
4-1/2"	7021'	900	2 Stage		

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 7023 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, 1963 Put to producing, 19
February 11
February 11 63
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. 3400
1900 (CPC)

EMPLOYEES

A. G. Miller, Driller G. Benton, Driller
R. Slaughter, Driller R. Weisgerber, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1410	1410	Surface sand and shale.
1410	1580	170	Ojo Alamo sand.
1580	2362	782	Kirtland-Fruitland sand and shale.
2362	2463	101	Pictured Cliffs sand.
2463	3275	812	Lewis shale.
3275	5032	1757	Mesaverde sand and shale.
5032	5890	858	Mancos shale.
5890	6464	574	Gallup sand and shale.
6464	6732	268	Mancos shale.
6732	6792	60	Greenhorn shale.
6792	6816	24	Graneros shale.
6816	6831	15	Dakota pay sand.

[OVER]

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
6831	6912	81	Dakota sand and shale.
6912	6948	36	Dakota pay sand.
6948	7023	75	Dakota sand and shale.