

U. S. LAND OFFICE **Contract 142** -----
 SERIAL NUMBER -----
 LEASE POINT TO PROSPECT **Tract 245** -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Pan American Petroleum Corporation Box 487, Farmington, New Mexico

Company **Jicarilla Contract 143** Address **Olero Graneros New Mexico**

Lessor or Tract **9 13 25-N 5-W** Field **San Juan** State **Arizona**

Well No. **1145** Sec. **3** T. **16N** Meridian **W** County **Section 15** **6840**

Location **ft. N of Line and ft. E W of Line of** Elevation **(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.

May 7, 1957
Date _____
Signed W. H. Spivey
Title Field Superintendent

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

January 5, 19	March 11, 19
Finished drilling	19

Commenced drilling _____

OIL OR GAS SANDS OR ZONES

No. 1, from 7220 to 7244 (G) (Denote gas by G)

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

RECEIVED
MAY 15 1957
OIL CON. COM.
DIST. 3

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From—	To—
10-3/4	29#	Slip Joint	Armed	472	Guide			Surface
5-7/8	11-1/2	Slip Joint	Armed	7322	Guide			Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	479	330	Halliburton 2 plug		
5-1/2	7560	590	Halliburton 2 plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 7560 feet, and from _____ feet to _____ feet

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

DATES

March 11, 1957 Put to producing Shut in, 19__

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 1,350,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2444 PSI

EMPLOYEES

O. B. Owen _____, Driller Joe Pitts _____, Driller
 Royd D. Thompson _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2730	2730	Surface sand & shale-Kirtland-Farmington
2730	3040	310	Fruitland sand, shale & coal
3040	3080	40	Pictured Cliffs
3080	4680	1600	Lewis (LaVernia 3870-3920)
4680	4850	170	Cliffhouse sands
4850	5222	372	Mancos sand & shale
5222	5388	166	Point Lookout sands
5388	6240	852	Mancos
6240	6675	435	Callup
6675	6735	60	Tecite
6822	6928	106	Samastee
7130	7190	60	Greenhorn
7215	7288	73	Graneros
7355	7540	182	Dakota
7540	T.D.	20	Morrison

LOG OF OIL OR GAS WELL

A blank sheet of white graph paper with a black grid pattern. The grid consists of horizontal and vertical lines forming small squares across the entire page. There are no margins or additional markings on the paper.

LOCATE WELL CORRECTLY

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 _____
 Title _____
 Date _____
 Location ft. S. of _____ ft. W. of _____
 Well No. _____
 Lessor or Trust _____
 Company _____
 Address _____
 State _____
 County _____
 Field _____

staff

perforated with four shots per foot 7608-20 7452-7508. Added these oil formations
with 900 gallons MCA. Treaked with 15,000 gallons oil and 15,000 pounds
Treating Insects 2500 pounds. Average Injection rate 21 BPM. Test well OK.
Perforated 7220-7264 with four shots per foot. Perforated with 500 gallons MCA.
Treaked with 15,000 gallons oil and 15,000 pounds. Perforated Formation treated at 10
5000 pounds. Injection rate 19 BPM. Ordinarily test water stays 1350 NCF PD
and does not rise above 1350.

On February 26, 1957, 5 1/2" casing was set at 7559' with 500 sacks cement. After waiting on cement for 24 hours, the water level was 500' more than the level at 500 pounds pressure for thirty minutes with no drop in pressure. Completion operations were begun.

On January 5, 1957, the above well was plugged, and on January 6, 1957, the above well was tested with 330 water cement. After waiting an amount for twenty-four hours, casing and water were pumped off. The well was then tested with 800 pounds pressure for 30 minutes with no drop in pressure. Drilling operations were resumed.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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, position, and number of shots. If piers or bridges were used to rest for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL.

[illegible]