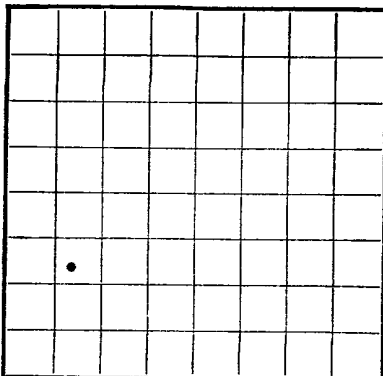


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077973
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 28 1957
GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

Company ~~Pan American Petroleum Corporation~~ Address ~~Box 487, Farmington, New Mexico~~
Lessor or Tract ~~E. H. Newman~~ Field ~~Wildcat~~ State ~~New Mexico~~
Well No. ~~2~~ Sec. ~~28~~ T. ~~27-N~~ R. ~~13-W~~ Meridian ~~N.M.P.M.~~ County ~~San Juan~~
Location ~~1630~~ ft. ~~{N.}~~ of ~~S~~ Line and ~~860~~ ft. ~~{E.}~~ of ~~W~~ Line of ~~Section 28~~ Elevation ~~6117~~

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.

Date June 25, 1997 Signed Hall Title Field Clerk

Commenced drilling February 21-----, 19-56 Finished drilling March 26-----, 19-56

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ 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 _____

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MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	905	270	Halliburton 2 Plug		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to ~~615~~ feet, and from _____ feet to _____ feet

DATES

-----, 19-----	Put to producing -----, 19-----
March 26 1916	
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

Jay E. Carfell	Driller	U. S. Simpson	Driller
Ray P. Furgard	Driller	D. U. Slaughter	Driller

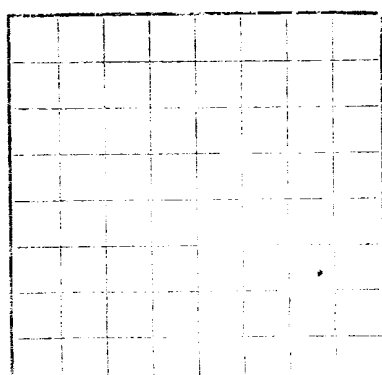
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1100	1100	Surface sand & shale Ojo-Alamo-Kirkland
1100	1344	244	Fruitland coal & shale
1344	1420	76	Pictured Cliffs sand
1420	2817	1397	Lewis sand & shale
2817	2896	79	Cliffhouse sand & shale
2896	3888	992	Manekee shale
3888	4022	134	Point Lookout sand
4022	5902	1880	Manekee shale
5902	6060	158	Dakota
6060	6150	90	Morrison

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



GUYTON WELT CORRECTION

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.
 Entered _____
 Location _____ of _____ and _____ of _____
 Section _____ of _____
 Township _____ Range _____
 County _____ State _____
 Address _____
 Company _____

The remainder on this page is for the completion of the well at above date.

Date _____

Time _____

Continued drilling commenced drilling

(Perole das pg 6)

The subject was added on February 20, 1957. A letter dated February 22, 1957 and commented with 270 sacks cement. Portland cement was not at 105 feet on February 22, 1957 and cemented with 270 sacks cement. Drilling was continued with 200 pounds cement for 24 hours, casing and cement were tested with 200 pounds pressure for thirty minutes with no drop in pressure. Drilling operations were resumed.

On March 26, 1957, this well was drilled to a depth of sixty feet. At 5230-5770, 4160-4010 feet, 2190-2070 feet, 1730-1280 feet, 1100-1050 feet, 1000-950 feet, 900-850 feet, 800-750 feet, 700-650 feet, 600-550 feet, 500-450 feet, 400-350 feet, 300-250 feet, 200-150 feet, 100-50 feet, 50-0 feet, 0-50 feet, 50-100 feet, 100-150 feet, 150-200 feet, 200-250 feet, 250-300 feet, 300-350 feet, 350-400 feet, 400-450 feet, 450-500 feet, 500-550 feet, 550-600 feet, 600-650 feet, 650-700 feet, 700-750 feet, 750-800 feet, 800-850 feet, 850-900 feet, 900-950 feet, 950-1000 feet, 1000-1050 feet, 1050-1100 feet, 1100-1150 feet, 1150-1200 feet, 1200-1250 feet, 1250-1300 feet, 1300-1350 feet, 1350-1400 feet, 1400-1450 feet, 1450-1500 feet, 1500-1550 feet, 1550-1600 feet, 1600-1650 feet, 1650-1700 feet, 1700-1750 feet, 1750-1800 feet, 1800-1850 feet, 1850-1900 feet, 1900-1950 feet, 1950-2000 feet, 2000-2050 feet, 2050-2100 feet, 2100-2150 feet, 2150-2200 feet, 2200-2250 feet, 2250-2300 feet, 2300-2350 feet, 2350-2400 feet, 2400-2450 feet, 2450-2500 feet, 2500-2550 feet, 2550-2600 feet, 2600-2650 feet, 2650-2700 feet, 2700-2750 feet, 2750-2800 feet, 2800-2850 feet, 2850-2900 feet, 2900-2950 feet, 2950-3000 feet, 3000-3050 feet, 3050-3100 feet, 3100-3150 feet, 3150-3200 feet, 3200-3250 feet, 3250-3300 feet, 3300-3350 feet, 3350-3400 feet, 3400-3450 feet, 3450-3500 feet, 3500-3550 feet, 3550-3600 feet, 3600-3650 feet, 3650-3700 feet, 3700-3750 feet, 3750-3800 feet, 3800-3850 feet, 3850-3900 feet, 3900-3950 feet, 3950-4000 feet, 4000-4050 feet, 4050-4100 feet, 4100-4150 feet, 4150-4200 feet, 4200-4250 feet, 4250-4300 feet, 4300-4350 feet, 4350-4400 feet, 4400-4450 feet, 4450-4500 feet, 4500-4550 feet, 4550-4600 feet, 4600-4650 feet, 4650-4700 feet, 4700-4750 feet, 4750-4800 feet, 4800-4850 feet, 4850-4900 feet, 4900-4950 feet, 4950-5000 feet, 5000-5050 feet, 5050-5100 feet, 5100-5150 feet, 5150-5200 feet, 5200-5250 feet, 5250-5300 feet, 5300-5350 feet, 5350-5400 feet, 5400-5450 feet, 5450-5500 feet, 5500-5550 feet, 5550-5600 feet, 5600-5650 feet, 5650-5700 feet, 5700-5750 feet, 5750-5800 feet, 5800-5850 feet, 5850-5900 feet, 5900-5950 feet, 5950-6000 feet, 6000-6050 feet, 6050-6100 feet, 6100-6150 feet, 6150-6200 feet, 6200-6250 feet, 6250-6300 feet, 6300-6350 feet, 6350-6400 feet, 6400-6450 feet, 6450-6500 feet, 6500-6550 feet, 6550-6600 feet, 6600-6650 feet, 6650-6700 feet, 6700-6750 feet, 6750-6800 feet, 6800-6850 feet, 6850-6900 feet, 6900-6950 feet, 6950-7000 feet, 7000-7050 feet, 7050-7100 feet, 7100-7150 feet, 7150-7200 feet, 7200-7250 feet, 7250-7300 feet, 7300-7350 feet, 7350-7400 feet, 7400-7450 feet, 7450-7500 feet, 7500-7550 feet, 7550-7600 feet, 7600-7650 feet, 7650-7700 feet, 7700-7750 feet, 7750-7800 feet, 7800-7850 feet, 7850-7900 feet, 7900-7950 feet, 7950-8000 feet, 8000-8050 feet, 8050-8100 feet, 8100-8150 feet, 8150-8200 feet, 8200-8250 feet, 8250-8300 feet, 8300-8350 feet, 8350-8400 feet, 8400-8450 feet, 8450-8500 feet, 8500-8550 feet, 8550-8600 feet, 8600-8650 feet, 8650-8700 feet, 8700-8750 feet, 8750-8800 feet, 8800-8850 feet, 8850-8900 feet, 8900-8950 feet, 8950-9000 feet, 9000-9050 feet, 9050-9100 feet, 9100-9150 feet, 9150-9200 feet, 9200-9250 feet, 9250-9300 feet, 9300-9350 feet, 9350-9400 feet, 9400-9450 feet, 9450-9500 feet, 9500-9550 feet, 9550-9600 feet, 9600-9650 feet, 9650-9700 feet, 9700-9750 feet, 9750-9800 feet, 9800-9850 feet, 9850-9900 feet, 9900-9950 feet, 9950-10000 feet, 10000-10050 feet, 10050-10100 feet, 10100-10150 feet, 10150-10200 feet, 10200-10250 feet, 10250-10300 feet, 10300-10350 feet, 10350-10400 feet, 10400-10450 feet, 10450-10500 feet, 10500-10550 feet, 10550-10600 feet, 10600-10650 feet, 10650-10700 feet, 10700-10750 feet, 10750-10800 feet, 10800-10850 feet, 10850-10900 feet, 10900-10950 feet, 10950-11000 feet, 11000-11050 feet, 11050-11100 feet, 11100-11150 feet, 11150-11200 feet, 11200-11250 feet, 11250-11300 feet, 11300-11350 feet, 11350-11400 feet, 11400-11450 feet, 11450-11500 feet, 11500-11550 feet, 11550-11600 feet, 11600-11650 feet, 11650-11700 feet, 11700-11750 feet, 11750-11800 feet, 11800-11850 feet, 11850-11900 feet, 11900-11950 feet, 11950-12000 feet, 12000-12050 feet, 12050-12100 feet, 12100-12150 feet, 12150-12200 feet, 12200-12250 feet, 12250-12300 feet, 12300-12350 feet, 12350-12400 feet, 12400-12450 feet, 12450-12500 feet, 12500-12550 feet, 12550-12600 feet, 12600-12650 feet, 12650-12700 feet, 12700-12750 feet, 12750-12800 feet, 12800-12850 feet, 12850-12900 feet, 12900-12950 feet, 12950-13000 feet, 13000-13050 feet, 13050-13100 feet, 13100-13150 feet, 13150-13200 feet, 13200-13250 feet, 13250-13300 feet, 13300-13350 feet, 13350-13400 feet, 13400-13450 feet, 13450-13500 feet, 13500-13550 feet, 13550-13600 feet, 13600-13650 feet, 13650-13700 feet, 13700-13750 feet, 13750-13800 feet, 13800-13850 feet, 13850-13900 feet, 13900-13950 feet, 13950-14000 feet, 14000-14050 feet, 14050-14100 feet, 14100-14150 feet, 14150-14200 feet, 14200-14250 feet, 14250-14300 feet, 14300-14350 feet, 14350-14400 feet, 14400-14450 feet, 14450-14500 feet, 14500-14550 feet, 14550-14600 feet, 14600-14650 feet, 14650-14700 feet, 14700-14750 feet, 14750-14800 feet, 14800-14850 feet, 14850-14900 feet, 14900-14950 feet, 14950-15000 feet, 15000-15050 feet, 1505

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reclogging, together with the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of 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 dynamite. If pumps or bridges were part of test for water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

MUDLING AND CEMENTING RECORD

Case Number	Where Sold	Number Sales of Cement	Method Used	When Made	Amount Paid to Manufacturer
100	XX	100	100	100	100

PLUGS AND ADAPTERS

Feeling plug (Material)	Length	Depth and

RECEIVED

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073211 2100

Post of test from 1 to 1000 to test more than a few about what

29TAM

10	neighborhood of 1:9	6
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END PAGE

Driller	Driller			
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FORMATION RECORD

[illegible]

FORMATION RECORD—Continued