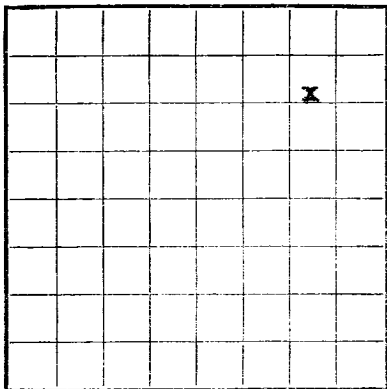




LOCATE WELL CORRECTLY

Budget Bureau No. 49-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE New MexicoSERIAL NUMBER MM-09967

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 480, Farmington, New MexicoLessor or Tract G. L. Davies "B" Field Basin Dakota State New MexicoWell No. 1 Sec. 27 T. 28N R. 13W Meridian N.M.P.M. County San JuanLocation 1090 ft. N. of M. Line and 1090 ft. E. of E. Line of Section 27 Elevation 6057
(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 L. Nabors, District Engineer

Signed

ORIGINAL SIGNED BY
E. H. HOLLINGSWORTHDate October 28, 1963

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

Commenced drilling September 18, 1963 Finished drilling September 28, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>6252</u> to <u>6262 (G)</u>	No. 4, from _____ to _____
No. 2, from <u>6310</u> to <u>6320 (G)</u>	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>8-5/8"</u>	<u>24.5</u>	<u>8RT</u>	<u>J-55</u>	<u>375</u>	<u>Guide</u>				<u>Surface</u>
<u>4-1/2"</u>	<u>10.5</u>	<u>8RT</u>	<u>J-55</u>	<u>6433</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>8-5/8"</u>	<u>360</u>	<u>225</u>	<u>BJ 1 Plug</u>		
<u>4-1/2"</u>	<u>6433</u>	<u>800</u>	<u>HOCO 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 _____ feet to 6433 feet, and from _____ feet to _____ feet

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

DATES

Completed as shut in Basin Dakota Well Put to producing _____ Shut in October 14, 1963
October 14, 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, mcft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 44741750 (G.F.)

EMPLOYEES

_____, Driller	_____, Driller
<u>Ira Ellis</u> , Driller	<u>Jim Babcock</u> , Driller
<u>Earl Babcock</u>	<u>Jim Speaker</u>

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1637	1637	Surface sand and shale
1637	1828	191	Pictured Cliffs
1828	2550	722	Lewis shale
2550	4420	1870	Mesaverde Group
4420	5280	860	Mancos shale
5280	5666	386	Gallup
5666	6120	454	Mancos
6120	6186	66	Greenhorn shale
6186	6250	64	Graneros shale
6250	6310	60	Graneros Dakota
6310	6350	40	Main Dakota
6350	6433	83	Lower Dakota

U.S. LAND OFFICE
PHOTOGRAPHY
WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL OR GAS OR OIL?

[illegible]

The summary on this page is not the subject of the well known book

UNIT OF CASH SALES OR NOTES

On 1 June 2004

01	mod 10 01	01	mod 10 01
02	mod 10 02	02	mod 10 02
03	mod 10 03	03	mod 10 03

ADDITIONAL INFORMATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

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[illegible]

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 "detached" 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

[illegible]

INFORMATION RECORD—Continued