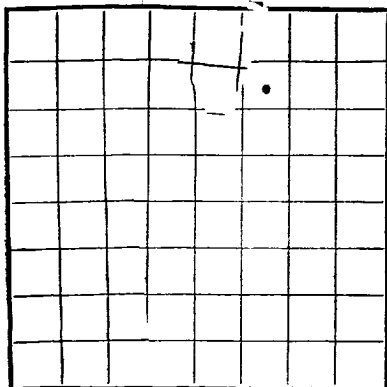




LOCATE WELL CORRECTLY

RECEIVED
JUN 24 1957U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

U. S. LAND OFFICE

SERIAL NUMBER 14-20-603-779

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 487, Farmington, New MexicoLessor or Tract Navajo Allotted Gas Unit A Field Blanco-Masaverte State New MexicoWell No. 1 Sec. 25 T-28N R-9W Meridian N.M.P.M. County San JuanLocation 990 ft. 25 of N. Line and 1700 ft. 25 of E. Line of Section 25 Elevation 5855
(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 R. L. LedlowDate June 18, 1957Title Field Superintendent

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

Commenced drilling May 8, 1957 Finished drilling May 18, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2125 to 2170 G No. 4, from _____ to _____No. 2, from 4359 to 4568 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 run from	Perforated	Purpose
10-3/4	32.75	8 RT	National	216	Guide			Surface
7-5/8	24.39	8 RT	National	243	Guide			Intermediate
5-1/2	16.45	8 RT	National	1871	Guide			Oil string
HISTORY OF OIL OR GAS WELL								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	229	170	Halliburton 2 plug		
7-5/8	2439	170	Halliburton 2 plug		
5-1/2	4645	120	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 0 feet to 4670 feet, and from _____ feet to _____ feet

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

DATES

Put to producing _____, 1957 Shut in _____, 1957

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

3,420,000

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. W. Spraberry _____, Driller

L. F. Banbee _____, Driller

H. R. Hallins _____, Driller

R. L. Ledlow _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	229	229	Surface sand & boulders
229	2118	1889	Sand & shale
2118	2182	64	Sand (top of Pictured Cliffs 2182)
2182	3813	1631	Shale & sand
3813	4357	544	Shale (top of Menefee 3813)
4357	4568	211	Sand (top of Point Lookout 4357)
4568	4627	59	Shale (top of Mancos 4568)

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LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Title _____

Date _____

Summary of the condition of the well at above date.

On May 19, 1937, 4-5/8 casing was landed at 2,370' and 170 sacks of cement were used for 30 minutes with no drop in pressure. After waiting on cement for 24 hours, casing and water were tested with 1000 pounds for 30 minutes with no drop in pressure. Completion operations were begun. This well was perforated with 2 shots at 4,325-4,330, 4,330-4,335, 4,335-4,340, 4,340-4,345, 4,345-4,350, 4,350-4,355, 4,355-4,360, 4,360-4,365, 4,365-4,370, 4,370-4,375, 4,375-4,380, 4,380-4,385, 4,385-4,390, 4,390-4,395, 4,395-4,400, 4,400-4,405, 4,405-4,410, 4,410-4,415, 4,415-4,420, 4,420-4,425, 4,425-4,430, 4,430-4,435, 4,435-4,440, 4,440-4,445, 4,445-4,450, 4,450-4,455, 4,455-4,460, 4,460-4,465, 4,465-4,470, 4,470-4,475, 4,475-4,480, 4,480-4,485, 4,485-4,490, 4,490-4,495, 4,495-4,500, 4,500-4,505, 4,505-4,510, 4,510-4,515, 4,515-4,520, 4,520-4,525, 4,525-4,530, 4,530-4,535, 4,535-4,540, 4,540-4,545, 4,545-4,550, 4,550-4,555, 4,555-4,560, 4,560-4,565, 4,565-4,570, 4,570-4,575, 4,575-4,580, 4,580-4,585, 4,585-4,590, 4,590-4,595, 4,595-4,600, 4,600-4,605, 4,605-4,610, 4,610-4,615, 4,615-4,620, 4,620-4,625, 4,625-4,630, 4,630-4,635, 4,635-4,640, 4,640-4,645, 4,645-4,650, 4,650-4,655, 4,655-4,660, 4,660-4,665, 4,665-4,670, 4,670-4,675, 4,675-4,680, 4,680-4,685, 4,685-4,690, 4,690-4,695, 4,695-4,700, 4,700-4,705, 4,705-4,710, 4,710-4,715, 4,715-4,720, 4,720-4,725, 4,725-4,730, 4,730-4,735, 4,735-4,740, 4,740-4,745, 4,745-4,750, 4,750-4,755, 4,755-4,760, 4,760-4,765, 4,765-4,770, 4,770-4,775, 4,775-4,780, 4,780-4,785, 4,785-4,790, 4,790-4,795, 4,795-4,800, 4,800-4,805, 4,805-4,810, 4,810-4,815, 4,815-4,820, 4,820-4,825, 4,825-4,830, 4,830-4,835, 4,835-4,840, 4,840-4,845, 4,845-4,850, 4,850-4,855, 4,855-4,860, 4,860-4,865, 4,865-4,870, 4,870-4,875, 4,875-4,880, 4,880-4,885, 4,885-4,890, 4,890-4,895, 4,895-4,900, 4,900-4,905, 4,905-4,910, 4,910-4,915, 4,915-4,920, 4,920-4,925, 4,925-4,930, 4,930-4,935, 4,935-4,940, 4,940-4,945, 4,945-4,950, 4,950-4,955, 4,955-4,960, 4,960-4,965, 4,965-4,970, 4,970-4,975, 4,975-4,980, 4,980-4,985, 4,985-4,990, 4,990-4,995, 4,995-5,000, 5,000-5,005, 5,005-5,010, 5,010-5,015, 5,015-5,020, 5,020-5,025, 5,025-5,030, 5,030-5,035, 5,035-5,040, 5,040-5,045, 5,045-5,050, 5,050-5,055, 5,055-5,060, 5,060-5,065, 5,065-5,070, 5,070-5,075, 5,075-5,080, 5,080-5,085, 5,085-5,090, 5,090-5,095, 5,095-5,100, 5,100-5,105, 5,105-5,110, 5,110-5,115, 5,115-5,120, 5,120-5,125, 5,125-5,130, 5,130-5,135, 5,135-5,140, 5,140-5,145, 5,145-5,150, 5,150-5,155, 5,155-5,160, 5,160-5,165, 5,165-5,170, 5,170-5,175, 5,175-5,180, 5,180-5,185, 5,185-5,190, 5,190-5,195, 5,195-5,200, 5,200-5,205, 5,205-5,210, 5,210-5,215, 5,215-5,220, 5,220-5,225, 5,225-5,230, 5,230-5,235, 5,235-5,240, 5,240-5,245, 5,245-5,250, 5,250-5,255, 5,255-5,260, 5,260-5,265, 5,265-5,270, 5,270-5,275, 5,275-5,280, 5,280-5,285, 5,285-5,290, 5,290-5,295, 5,295-5,300, 5,300-5,305, 5,305-5,310, 5,310-5,315, 5,315-5,320, 5,320-5,325, 5,325-5,330, 5,330-5,335, 5,335-5,340, 5,340-5,345, 5,345-5,350, 5,350-5,355, 5,355-5,360, 5,360-5,365, 5,365-5,370, 5,370-5,375, 5,375-5,380, 5,380-5,385, 5,385-5,390, 5,390-5,395, 5,395-5,400, 5,400-5,405, 5,405-5,410, 5,410-5,415, 5,415-5,420, 5,420-5,425, 5,425-5,430, 5,430-5,435, 5,435-5,440, 5,440-5,445, 5,445-5,450, 5,450-5,455, 5,455-5,460, 5,460-5,465, 5,465-5,470, 5,470-5,475, 5,475-5,480, 5,480-5,485, 5,485-5,490, 5,490-5,495, 5,495-5,500, 5,500-5,505, 5,505-5,510, 5,510-5,515, 5,515-5,520, 5,520-5,525, 5,525-5,530, 5,530-5,535, 5,535-5,540, 5,540-5,545, 5,545-5,550, 5,550-5,555, 5,555-5,560, 5,560-5,565, 5,565-5,570, 5,570-5,575, 5,575-5,580, 5,580-5,585, 5,585-5,590, 5,590-5,595, 5,595-5,600, 5,600-5,605, 5,605-5,610, 5,610-5,615, 5,615-5,620, 5,620-5,625, 5,625-5,630, 5,630-5,635, 5,635-5,640, 5,640-5,645, 5,645-5,650, 5,650-5,655, 5,655-5,660, 5,660-5,665, 5,665-5,670, 5,670-5,675, 5,675-5,680, 5,680-5,685, 5,685-5,690, 5,690-5,695, 5,695-5,700, 5,700-5,705, 5,705-5,710, 5,710-5,715, 5,715-5,720, 5,720-5,725, 5,725-5,730, 5,730-5,735, 5,735-5,740, 5,740-5,745, 5,745-5,750, 5,750-5,755, 5,755-5,760, 5,760-5,765, 5,765-5,770, 5,770-5,775, 5,775-5,780, 5,780-5,785, 5,785-5,790, 5,790-5,795, 5,795-5,800, 5,800-5,805, 5,805-5,810, 5,810-5,815, 5,815-5,820, 5,820-5,825, 5,825-5,830, 5,830-5,835, 5,835-5,840, 5,840-5,845, 5,845-5,850, 5,850-5,855, 5,855-5,860, 5,860-5,865, 5,865-5,870, 5,870-5,875, 5,875-5,880, 5,880-5,885, 5,885-5,890, 5,890-5,895, 5,895-5,900, 5,900-5,905, 5,905-5,910, 5,910-5,915, 5,915-5,920, 5,920-5,925, 5,925-5,930, 5,930-5,935, 5,935-5,940, 5,940-5,945, 5,945-5,950, 5,950-5,955, 5,955-5,960, 5,960-5,965, 5,965-5,970, 5,970-5,975, 5,975-5,980, 5,980-5,985, 5,985-5,990, 5,990-5,995, 5,995-6,000, 6,000-6,005, 6,005-6,010, 6,010-6,015, 6,015-6,020, 6,020-6,025, 6,025-6,030, 6,030-6,035, 6,035-6,040, 6,040-6,045, 6,045-6,050, 6,050-6,055, 6,055-6,060, 6,060-6,065, 6,065-6,070, 6,070-6,075, 6,075-6,080, 6,080-6,085, 6,085-6,090, 6,090-6,095, 6,095-6,100, 6,100-6,105, 6,105-6,110, 6,110-6,115, 6,115-6,120, 6,120-6,125, 6,125-6,130, 6,130-6,135, 6,135-6,140, 6,140-6,145, 6,145-6,150, 6,150-6,155, 6,155-6,160, 6,160-6,165, 6,165-6,170, 6,170-6,175, 6,175-6,180, 6,180-6,185, 6,185-6,190, 6,190-6,195, 6,195-6,200, 6,200-6,205, 6,205-6,210, 6,210-6,215, 6,215-6,220, 6,220-6,225, 6,225-6,230, 6,230-6,235, 6,235-6,240, 6,240-6,245, 6,245-6,250, 6,250-6,255, 6,255-6,260, 6,260-6,265, 6,265-6,270, 6,270-6,275, 6,275-6,280, 6,280-6,285, 6,285-6,290, 6,290-6,295, 6,295-6,300, 6,300-6,305, 6,305-6,310, 6,310-6,315, 6,315-6,320, 6,320-6,325, 6,325-6,330, 6,330-6,335, 6,335-6,340, 6,340-6,345, 6,345-6,350, 6,350-6,355, 6,355-6,360, 6,360-6,365, 6,365-6,370, 6,370-6,375, 6,375-6,380, 6,380-6,385, 6,385-6,390, 6,390-6,395, 6,395-6,400, 6,400-6,405, 6,405-6,410, 6,410-6,415, 6,415-6,420, 6,420-6,425, 6,425-6,430, 6,430-6,435, 6,435-6,440, 6,440-6,445, 6,445-6,450, 6,450-6,455, 6,455-6,460, 6,460-6,465, 6,465-6,470, 6,470-6,475, 6,475-6,480, 6,480-6,485, 6,485-6,490, 6,490-6,495, 6,495-6,500, 6,500-6,505, 6,505-6,510, 6,510-6,515, 6,515-6,520, 6,520-6,525, 6,525-6,530, 6,530-6,535, 6,535-6,540, 6,540-6,545, 6,545-6,550, 6,550-6,555, 6,555-6,560, 6,560-6,565, 6,565-6,570, 6,570-6,575, 6,575-6,580, 6,580-6,585, 6,585-6,590, 6,590-6,595, 6,595-6,600, 6,600-6,605, 6,605-6,610, 6,610-6,615, 6,615-6,620, 6,620-6,625, 6,625-6,630, 6,630-6,635, 6,635-6,640, 6,640-6,645, 6,645-6,650, 6,650-6,655, 6,655-6,660, 6,660-6,665, 6,665-6,670, 6,670-6,675, 6,675-6,680, 6,680-6,685, 6,685-6,690, 6,690-6,695, 6,695-6,700, 6,700-6,705, 6,705-6,710, 6,710-6,715, 6,715-6,720, 6,720-6,725, 6,725-6,730, 6,730-6,735, 6,735-6,740, 6,740-6,745, 6,745-6,750, 6,750-6,755, 6,755-6,760, 6,760-6,765, 6,765-6,770, 6,770-6,775, 6,775-6,780, 6,780-6,785, 6,785-6,790, 6,790-6,795, 6,795-6,800, 6,800-6,805, 6,805-6,810, 6,810-6,815, 6,815-6,820, 6,820-6,825, 6,825-6,830, 6,830-6,835, 6,835-6,840, 6,840-6,845, 6,845-6,850, 6,850-6,855, 6,855-6,860, 6,860-6,865, 6,865-6,870, 6,870-6,875, 6,875-6,880, 6,880-6,885, 6,885-6,890, 6,890-6,895, 6,895-6,900, 6,900-6,905, 6,905-6,910, 6,910-6,915, 6,915-6,920, 6,920-6,925, 6,925-6,930, 6,930-6,935, 6,935-6,940, 6,940-6,945, 6,945-6,950, 6,950-6,955, 6,955-6,960, 6,960-6,965, 6,965-6,970, 6,970-6,975, 6,975-6,980, 6,980-6,985, 6,985-6,990, 6,990-6,995, 6,995-7,000, 7,000-7,005, 7,005-7,010, 7,010-7,015, 7,015-7,020, 7,020-7,025, 7,025-7,030, 7,030-7,035, 7,035-7,040, 7,040-7,045, 7,045-7,050, 7,050-7,055, 7,055-7,060, 7,060-7,065, 7,065-7,070, 7,070-7,075, 7,075-7,080, 7,080-7,085, 7,085-7,090, 7,090-7,095, 7,095-7,100, 7,100-7,105, 7,105-7,110, 7,110-7,115, 7,115-7,120, 7,120-7,125, 7,125-7,130, 7,130-7,135, 7,135-7,140, 7,140-7,145, 7,145-7,150, 7,150-7,155, 7,155-7,160, 7,160-7,165, 7,165-7,170, 7,170-7,175, 7,175-7,180, 7,180-7,185, 7,185-7,190, 7,190-7,195, 7,195-7,200, 7,200-7,205, 7,205-7,210, 7,210-7,215, 7,215-7,220, 7,220-7,225, 7,225-7,230, 7,230-7,235, 7,235-7,240, 7,240-7,245, 7,245-7,250, 7,250-7,255, 7,255-7,260, 7,260-7,265, 7,265-7,270, 7,270-7,275, 7,275-7,280, 7,280-7,285, 7,285-7,290, 7,290-7,295, 7,295-7,300, 7,300-7,305, 7,305-7,310, 7,310-7,315, 7,315-7,320, 7,320-7,325, 7,325-7,330, 7,330-7,335, 7,335-7,340, 7,340-7,345, 7,345-7,350, 7,350-7,355, 7,355-7,360, 7,360-7,365, 7,365-7,370, 7,370-7,375, 7,375-7,380, 7,380-7,385, 7,385-7,390, 7,390-7,395, 7,395-7,400, 7,400-7,405, 7,405-7,410, 7,410-7,415, 7,415-7,420, 7,420-7,425, 7,425-7,430, 7,430-7,435, 7,435-7,440, 7,440-7,445, 7,445-7,450, 7,450-7,455, 7,455-7,460, 7,460-7,465, 7,465-7,470, 7,470-7,475, 7,475-7,480, 7,480-7,485, 7,485-7,490, 7,490-7,495, 7,495-7,500, 7,500-7,505, 7,505-7,510, 7,510-7,515, 7,515-7,520, 7,520-7,525, 7,525-7,530, 7,530-7,535, 7,535-7,540, 7,540-7,545, 7,545-7,550, 7,550-7,555, 7,555-7,560, 7,560-7,565, 7,565-7,570, 7,570-7,575, 7,575-7,580, 7,580-7,585, 7,585-7,590, 7,590-7,595, 7,595-7,600, 7,600-7,605, 7,605-7,610, 7,610-7,615, 7,615-7,620, 7,620-7,625, 7,625-7,630, 7,630-7,635, 7,635-7,640, 7,640-7,645, 7,645-7,650, 7,650-7,655, 7,655-7,660, 7,660-7,665, 7,665-7,670, 7,670-7,675, 7,675-7,680, 7,680-7,685, 7,685-7,690, 7,690-7,695, 7,695-7,700, 7,700-7,705, 7,705-7,710, 7,710-7,715, 7,715-7,720, 7,720-7,725, 7,725-7,730, 7,730-7,735, 7,735-7,740, 7,740-7,745, 7,745-7,750, 7,750-7,755, 7,755-7,760, 7,760-7,765, 7,765-7,770, 7,770-7,775, 7,775-7,780, 7,780-7,785, 7,785-7,790, 7,790-7,795, 7,795-7,800, 7,800-7,805, 7,805-7,810, 7,810-7,815, 7,815-7,820, 7,820-7,825, 7,825-7,830, 7,830-7,835, 7,835-7,840, 7,840-7,845, 7,845-7,850, 7,850-7,855, 7,855-7,860, 7,860-7,865, 7,865-7,870, 7,870-7,875, 7,875-7,880, 7,880-7,885, 7,885-7,890, 7,890-7,895, 7,895-7,900, 7,900-7,905, 7,905-7,910, 7,910-7,915, 7,915-7,920, 7,920-7,925, 7,925-7,930, 7,930-7,935, 7,935-7,940, 7,940-7,945, 7,945-7,950, 7,950-7,955, 7,955-7,960, 7,960-7,965, 7,965-7,970, 7,970-7,975, 7,975-7,980, 7,980-7,985, 7,985-7,990, 7,990-7,995, 7,995-8,000, 8,000-8,005, 8,005-8,010, 8,010-8,015, 8,015-8,020, 8,020-8,025, 8,025-8,030, 8,030-8,035, 8,035-8,040, 8,040-8,045, 8,045-8,050, 8,050-8,055, 8,055-8,060, 8,060-8,065, 8,065-8,070, 8,070-8,075, 8,075-8,080, 8,080-8,085, 8,085-8,090, 8,090-8,095, 8,095-8,100, 8,100-8,105, 8,105-8,110, 8,110-8,115, 8,115-8,120, 8,120-8,125, 8,125-8,130, 8,130-8,135, 8,135-8,140, 8,140-8,145, 8,145-8,150, 8,150-8,155, 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