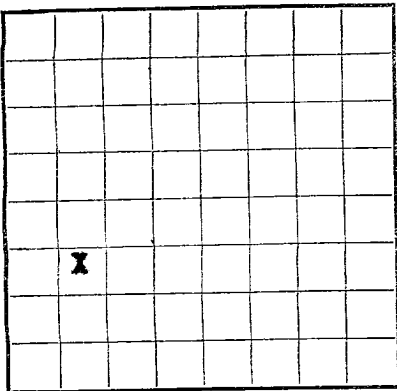
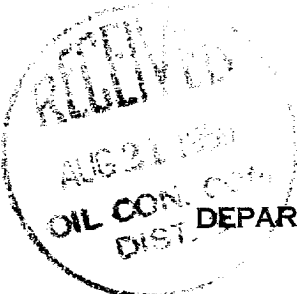


Form 9-330

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **3F 047039 (b)**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 20 1959

LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **Box 487, Farmington, New Mexico**
Lessor or Tract **J. F. Day "E"** Field **Angels Peak Dakota** State **New Mexico**
Well No. **1** Sec. **17** T. **20N** R. **10E** Meridian **N.M.P.M.** County **San Juan**
Location **1890** ft. **N** of **3** Line and **790** ft. **E** of **W** Line of **Section 17** Elevation **5950 (RDB)**
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. **ORIGINAL SIGNED BY**
Signed **R. M. Bauer, Jr.**
Date **August 19, 1959** Title **Area Engineer**

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

Commenced drilling **July 2** 19 **59** Finished drilling **July 23** 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6472** to **6506 (G)** No. 4, from **6506 (G)** to **6512**
No. 2, from **6512** to **6518** No. 5, from **6518** to **6524**
No. 3, from **6524** to **6530** No. 6, from **6530** to **6536**

IMPORTANT WATER SANDS

No. 1, from **6536** to **6542** No. 3, from **6542** to **6548**
No. 2, from **6548** to **6554** No. 4, from **6554** to **6560**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
4-1/2	11.6	8RT	National	229	Guide				Oil String
4-1/2	9.5	8RT	National	6556	Guide				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	375	200 sacks cement	Halliburton 1 plug		
4-1/2	6759	700 sacks cement	Halliburton 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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **6760** feet, and from _____ feet to _____ feet

DATES

Completed as shut in **Angels Peak Dakota Field** Put to producing **Shut in for pipeline connection:**
Well **August 9, 1959**
Preliminary test **24** hours was _____ barrels of fluid of which **August 9** % was oil; **59** %
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. **581.8**

2021 EMERGENCY casing pressure 2 days.

_____, Driller
H. C. Cary, Driller **J. D. Roe**, Driller
Charles Lockhart **J. G. Brinkley**

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	890	890	Surface sands and shales, including Animas sands & shales.
890	1034	144	Ojo Alamo sand.
1034	1781	747	Kirtland shales and sands, including Farmington sand.
1781	2011	230	Fruitland sands, shales & coals.
2011	2140	129	Pictured Cliffs sands & shales.
2140	3587	1447	Lewis shales & sands.
3587	4660	1073	Mesaverde sands & shales.
4660	5526	866	Mancos shale.
5526	6350	62	Greenhorn sandy shale.
6350	6405	55	Graneros shale & sand.
6405	6465	60	Dakota sands & shale.
6465	6677	212	Dakota pay sands & shales.
6677	6760 (TD)	83	Morrison shales & sands.
			(Tops from B log)

