

NAME CHANGED:
FROM: PAN AFRICAN
TO: AMCOO PRODUCTION
EFFECTIVE 2-1-71

U. S. LAND OFFICE _____
SERIAL NUMBER **NM 037667** _____
LEASE OR PERMIT TO PROSPECT _____

1992 MAY 10 AM 9:51
UNITED STATES
DEPARTMENT OF THE INTERIOR
CORP. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 68 Hobbs, New Mexico
 Lessor or Tract ~~USA Courtland Moore~~ ^{USA} ² ^{Meyer B} ^{Federal PA B} Field Langlie-Mattix State New Mexico
 Well No. 21 Sec. 7 T. 24-S R. 37E Meridian NMPM County Lea
 Location 660 ft. SW of N Line and 1980 ft. SE of E Line of Sec. 7 Elevation 3323' RDB
 (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. Original Signed by:
Signed **V. E. STALEY**

Date May 16, 1962 Title Area Superintendent

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

Commenced drilling 3/2/, 1962 Finished drilling 3/8/, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3466 to 3601 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 _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	For		Purpose
							From		
8 5/8	22.7	31	SM	344	Guide		3486	3601	Oil
4 1/2	9.5	28	SM	3693	Guide		3486	3601	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	354	225	Pump Plug		
4 1/2	3703	335	" "		

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
1000 gal acid						
3-O-F, 20,000 gal oil, 30,000 # Sn.						

TOOLS USED

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Rotary tools were used from 0 feet to 3705 feet, and from _____ feet to _____ feet

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

DATES

Completed 5/8/62 _____, 19____ Put to producing _____ 5/3/_____, 1962

The production for the first 24 hours was 12 barrels of fluid of which 83 % was oil; ----- % emulsion; 17 % water; and ----- % sediment. Gravity, °Bé. 39.4

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas 652-----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES- Davidson Drlg. Co.

EMPLOYEES - Davidson Dig. Co.

R. J. Gaspard	Driller	Glenn Morrow	Driller
Brvant	Driller		Driller

FORMATION RECORD

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FROM—	TO—	TOTAL FEET	FORMATION
0	1009	1009	Red Bed
1009	1455	446	Red, Bed, Anhy, salt
1455	1815	360	Anhy, salt
1815	2336	521	Salt
2336	2768	432	Salt, anhy
2768	2895	127	Anhy, GYP
2895	3086	191	Anhy
3086	3230	144	Anhy, lime
3230	3705	475	Lime
			<u>Tops by ELog</u>
			Yates 2895
			Seven Rivers 3210
			Queen 3400

