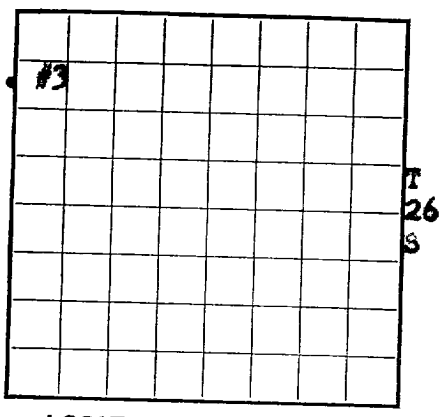
Form 9-330 R-37-E

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

NOTED
FEB 1 1962
STANDLEY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030176-B
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Amerada Petroleum Corporation Address Box 706, Eunice, New Mexico
Lessor or Tract C.C. Eagle "C" Field Crosby Devonian State New Mexico
Well No. 3 Sec. 3 T. 26-S R. 37-E Meridian - County Lea
Location 660' ft. [N.] of N Line and 660' ft. [E.] of W Line of Sec. 3 Elevation 3004'
(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.R. Moore

Date Title Asst. Dist. Supt.

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

Commenced drilling 8-7-61, 19 Finished drilling 9-20-61, 19

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From	Perforated To	Purpose
13-3/8"	36	8	Nat'l	640'					Surface
8-5/8"	24-32	8	[illegible]	3650'	Baker				Intermed.
5-1/2"	17	8	Jap	8824'			8750'	8811'	OIT Casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	640'	550	Halliburton		
8-5/8"	3650'	1500	B&J		
5-1/2"	8824'	400	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material none Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		none				

TOOLS USED

Rotary tools were used from 0' feet to 8824' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing , 19

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

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	6'	6'	Cellar
100'	930'	830'	Red Bed
930'	1040'	110'	Anhydrite
1040'	2450'	1410'	Satls & Anhy
2450'	3615'	1165'	Sands & Dolo.
3615'	5215'	1600'	Dolomite
5215'	5845'	630'	Sand & Dolomite
5845'	7850'	2005'	Dolo & Shale
7850'	8160'	310'	Lime, Chert & Shale
8160'	8645'	485'	Shale
8645'	8824'	179'	Dolo & Chert & Lime

[OVER]

16—43094-4

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			GEOLOGICAL TOPS
	927'		- Top of Anhydrite
	1042'		- Top of Salt
	2455'		- Base of Saltm
	2620'		- Top Yates
	2639'		- Top Zone #1
	2714'		- Base of Yates
	2870'		- Top 1st seven Rivers
	3141'		- Top 2nd ditto
	3287'		- Top Stuart
	3425'		- Top Penrose
	3615'		- Top Grayburg
	5215'		- Base San Andres
	5844'		- Top Clear Fork
	7157'		- Top ABO Reef
	7850'		- Base of Permian
	8158'		- Top of Woodford
	8565'		- Top of Devonian
	8810'		- Top of Silurian

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HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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.

Moved in Rowan Drilling Co. 8-7-61 - Set 212 jts. of 5½" Casing and drilled out cement plug from surface to 8818' DOD. - Ran Lateral, sonic, Gamma Ray & Micro Logs. Lane-Wells perforated 5½" Casing from 8798' to 8811' w/2 bullet shots per ft. Dowell acidized 5½" Casing perforations from 8758' to 8811' w/3000 gallons of 15% LST Acid, using 115 ball sealers.

Ran 2-3/8" OD EUE Tubing set open ended @ 8576' w/SN @ 8544', Guiberson KV-30 packer set @ 8003' & Guiberson Hyd holddown set @ 8000'

Note: open flow potential at a later date, El Paso nat. gas co. will test.

OPEN FLOW POTENTIAL -	24 hrs.	flowed on	15/64"	choke,	TP 2240#,	2,767 MCF	.75	Distill.
	24 "	" "	18/64"	"	" 2260#,	4,106 "	18.56	"
	24 "	" "	20/64"	"	" 2185#	4,903 "	48.14	"
	24 "	" "	23/64"	"	" 2088#	5,840 "	51.04	"
						17,616 "	118.49	"

Well produces approx. 6.7 bbls distillate per million ft. of gas.
The calculated absolute potential 40 million Cu. Ft. Gas per day.
Note: no drill stem tests made on formation. No

DST 6900-6995

DST #1 - Abo Zone - from 6900' to 6995' 1 hr. test 4½" DP 5/8" bottom & 1" top chokes. Opened tool @ 8:35 PM with a fair blow of air immediately then decreased to weak blow at end of test, no gas or fluid to surface. Closed tool at 9:35 PM for 2 hours build up. Recovered 93' or 1.32 bbls of drilling mud & 5,664' or 80.67 bbls of salty sulphur water. Pressures HI 3283#, HO 3270#, IFP 225# FFP 3168# , 2 hr. build up 3192# and increasing.