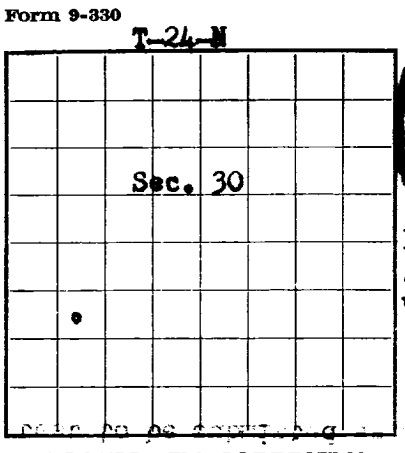
Form 9-330

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

U. S. LAND OFFICE Dulce
SERIAL NUMBER Cont.43 Tract 89
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RELEIVED JAN 5 57 OIL CON COM DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JAN 9 1957 U.S. GEOLOGICAL SURVEY FARMINGTON, N. MEX.

LOG OF OIL OR GAS WELL

Company Amerada Petroleum Corporation Address Box E - Bloomfield, New Mexico
Lessor or Tract Jicarilla "E" Field Undesignated State New Mexico
Well No. 1 Sec. 30 T. 24-N R. 4-W Meridian NMPM County Rio Arriba
Location 1650 ft. [N.] of S. Line and 990 ft. [E.] of W. Line of Sec. 30 Elevation 6791 D.F.
(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

Date December 18, 1956 Title Foreman

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

Commenced drilling 9-22-55, 19.. Finished drilling 1-12-56, 19..

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5766' to 5786' No. 4, from
No. 2, from 5722' to 5736' No. 5, from
No. 3, from to No. 6, from to

RELEIVED JAN 5 57 OIL CON COM DIST 3

IMPORTANT WATER SANDS

No. 1, from to No. 3, from
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
10-3/4	32.75	SRT	H-40	127	Guide				
7-5/8	24	SRT	H-40	2650'	Guide				
5-1/2	17	SRT	CF&I	4428'	"	Liner hung in 7-5/8" @ 2613'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	127'	100	Howco		
7-5/8	2650'	200	Howco		
5-1/2	7078'	340	Howco		
2-7/8	5726'	Tubing			

FOLD MARK

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
Perf. 5½" OD Csg. from 5766' to 5786' & 5722' to 5736' w/ 4 shots per foot						

TOOLS USED

Rotary tools were used from 0 feet to 7080' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

December 18, 19 56 Put to producing 3-1-56, 19..

The production for the first 24 hours was 1.49 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 38.0 Corrected

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

Rock pressure, lbs. per sq. in. Production based on 10.44 bbl. oil in 7 days

EMPLOYEES

B. T. Price, Driller Lee F. Barbee, Driller
C. W. Flemmons, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2105'	2105'	Sand & Shale
2105	2193'	88'	Shale
2193'	7080'	4887'	Sand & Shale

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

SCHLUMBERGER TOPS

LaVentana	3302
Mesa Verde Cliff House	4007
Menefee	4078
Point Look Out	4624
Mancos	4824
Upper Hospah	5692
Lower Hospah	5762
Bentinite	6303
Top Sanestee	6335
Base Sanestee	6453
Greenhorn	6646
Graneros	6708
Dakota	6849
Morrison	7052'

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Spudded 13-3/4" hole @ 5 AM 9-22-55, drld to 135' & ran 4 jts 10-3/4" Csg. set @ 127' w/ 100 sacks cement. Pumped plug to 107' w/ max. pump press. 1000#. WOC. Tested casing before & after drilling plug w/ 600# held OK. St'arted drilling 9-7/8" Hole @ 8 PM 9-23-55. Drilled to 2469' & cored to 2649', reamed hole to 9-7/8" & started drilling @ 2529' & drld. to 2649' & ran 86 jts. 7-5/8" OD Csg. set @ 2650', w/ 200 sacks cement. Pumped plug to 2625' w/ 1000#. WOC. Top of cement outside of csg. @ 940' or 142.6% fill. Perf. 7-5/8" Csg. from 2470' to 2510' w/ 160 Type E bullets, sand oil fraced w/ 13,000 gal. oil & 15000# sand swabbed well & re-fraced w/50,000 gal. water 1# sand per gallon. Well tested 128,000 CFPD. Continued testing to 11-17-55. Pulled Tbg., ran retainer & squeezed 7-5/8" Csg. perf. from 2470' to 2510' w/ 100 sacks cement. On 12-[illegible]-55 started drilling 6-3/4" hole @ 2650'. Drilled 6-3/4" hole to 4712' & took DST #1 from 4647' to 4687' rec. 90' drilling mud & 1870' sl brakesh water [illegible] gas cut, Drld. to 5899' & took DST #2 from 5745' to 5814', gas to surface [illegible]. Gas volume 4815 CFPD. Rec. 3514' gas filled drill pipe, 1564' of 3% oil [illegible] highly gas cut drilling mud, 700' light colored mud w/ 1% golden oil highy gas cut. Drlg. to 6710' & took DST #3 from 6655' to 6710' Rec. 30' drilling mud. Drld. to 6878' & took DST #4 from 6842' to 6878' Rec. 3932' of dry pipe, 2936' gas filled pipe, & 110' drilling mud w/ small trace of distillate. Drld. to 7043' & took DST #5 from 6877' to 6965', rec. 6905' dry pipe & 60' drilling mud. Drld. to 7080' & took DST #6 from 6958' to 7080'. Rec. 1440' of drilling mud. Ran 5½" OD liner & set @ 7078' w/ top of liner @ 2613' w/ 340 sacks cement, pumped plug to 7033 w/ 2000# WOC. Perf. 5½" OD liner from 6954' to 7004' & sand oil fraced w/ 5000 gal oil & 1250# sand. Swabbed well, did not recover load. Squeezed 5½" O liner perf. w/ 100 sacks cement. Perf. 5½" DD Liner from 6849' to 6890' w/ 164 type E bullets. Sand oil fraced w/ 5000 gal. oil & 1300# sand, swabbed & tested well. Plugged back to 5850' & perforated w/ 4 shots per foot from 5766' to 5786' & from 5722' to 5736'. Sand oil fraced from 5766' to 5786' w/ 10,000 gal. oil & 10,000# sand & sand fraced from 5722' to 5736' w/ 10,000 gal oil & 10,000# sand. Swabbed & tested well. Well flowed 1.49 BOPD based on 10.44 bbl. oil in 7 days. Final completion test to be submitted as a later date.

RECEIVED
OIL CON COM
DIST. 3