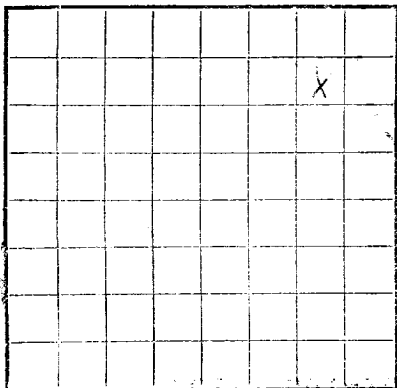
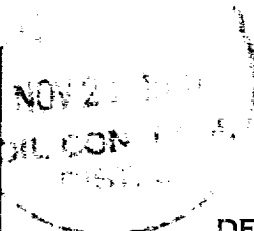




LOCATE WELL CORRECTLY



U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

JICARILLA-APACHE

UNITED STATES CONTRACT 168

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company WAGNER & ASSOCIATES Address 170 So. Beverly Drive
Beverly Hills, California
Lessor or Tract Jicarilla Apache Field Unassigned State New Mexico
Well No. 6-2 Sec. 12 T. 33S R. 2E Meridian N. 100W. County Doña Ana
Location 790 ft. [N. of S. Line and 790 ft. [E. of W. Line of Sec. 12 Elevation 7224 (est.)
(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 [Signature]
Date November 2, 1960 Title Operator

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

Commenced drilling Sept. 21, 1960 Finished drilling Sept. 24, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2998 to 3008 (4) 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		Purpose
							From—	To—	
8-5/8	2.8	8	How	94'	Guide	---	---	---	Surface
4-1/2	2.8	8	API	3087	Float	---	2998	3008	Prod.
3-3/8	1.7	8	API	3008	Log.	---	---	---	Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	105'	60 Sax	Pump	---	---
4-1/2	3097'	125 Sax	Pump	---	---

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
10-10-60	Western	Co. Jet Perfs.	8 holes per foot			2998' to 3008'

TOOLS USED

Rotary tools were used from - 0 - feet to 3100' 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 1062 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 961

EMPLOYEES

J. White, Driller E. A. Sandefer, Driller

O. J. Green, Driller Pete Estes, Driller

[Signature], Supt.

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	108	108	Sand & shale
108	700	592	Shale
700	2010	1310	Sand & shale
2010	2276	266	Shale
2276	3024	748	Shale & Sand
3024	3100	76	Sand & shale

(OVER)

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

[illegible]

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.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

9-21-60 Brannon & Murray, drilling contractor, spudded at 2:15 P.M., drilled 11" hole to 108 1/2' Cemented 8-5/8" 24# J-55 casing at 104.56' with 60 sac cement with 2% CaCl by Halliburton.

9-22-60 Tested casing 500# for 30 minutes. Reduced hole to 7-7/8" and drilled ahead.

9-24-60 Drilled 7-7/8" hole to depth 3025'.
9-25-60 Ran Schlumberger Induction Electrical log 104' to 3018'. Ran Schlumberger Sonic Log 2700' to 3012'. Logged Pictured Cliffs Sand 2996' to 3007'. Drilled 7-7/8" hole from 3025' to final TD 3100'. Ran 96 fts. (3087.55') of 4 1/2" 9.5# J-55 St8C-82 casing. Cemented at 3097' (K.B. Measurement) with 125 sac Ideal Portland Cement by Halliburton. Plug down at 8:00 P.M. Final Pressure 1010#.
Casing centralizers at 2900', 3025', 3090'.

10-10-60 Western Company Jet perforated 4 1/2" casing with 2 holes per foot, 2998' - 3008'.
Traced with 40,000 gal. water, 30,000# sand.
Formation broke at 2500#. Max. Prtg. press. 1800#. Min. trtg. Press. 1700#. Injection rate 40 bbls./min.

10-12-60 Completion unit ran 2-3/8" CD 4.7# J-55 tool. to 3003', with perforated nipple at 2991' to 2995'.

Completion unit ran 2-3/8" CD 4.7# J-55 log. to 3003', with perforated nipple at 2991' to 2995'.

Well Shut-in waiting 6-11-1960.