

[illegible]

MAR 1964
OIL CON. COM.
DEPARTMENT
GE

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

Farmington, N.M.

U. S. LAND OFFICE -----
SERIAL NUMBER -----
LEASE OR PERMIT TO PROSPECT -----
Jicarilla-Apache
ATES Contract No. 159
THE INTERIOR
SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company S.F. Wagenseller & J.J. August Address 170 So. Beverly Drive
Beverly Hills, California

Lessor or Tract Jicarilla-Apache Field Undes. P.C. State New Mexico

Well No. 5-L Sec. 7 T23N. R. 2W. Meridian N.M.P.M. County Bio Arriba

Location 1850 ft. [N. S.] of S. Line and 790 ft. [E. W.] of W. Line of Section 7 Elevation 7231
(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.

Date February 20, 1964 Signed [Signature] Title Operator

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

Commenced drilling July 26, 19 62 Finished drilling July 29, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3012 to 3044 No. 4, from 3045 to 3077

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	24	8	New	105	Guide				surface
4-1/2	9.2	8	Old	100	Flow		2016	3814	from
2-3/8	4.9	8	Old	1000	Flow				from

HISTORY OF OIL OF CYS LEFT

TO: 2004-5 FROM: 2004-5 IN: 2004-5

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 Sack	Pump		
4-1/2	3046	125 Sack	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
12-28-62	Western	Company jet perforated	2 holes/foot		3016'	to 3036'

TOOLS USED

Rotary tools were used from surface feet to 3047 feet, and from _____ feet to _____ feet

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

DATES

February 8, 1963 Put to producing ----- Tested 1355 HCR, 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

J. J. Hilary, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2653	2653	Shale and sand
2653	2800	147	Sandy shale
2800	2860	60	Shale
2860	2895	35	Sand
2895	3004	109	Shale w/ sandy stks.
3004	3012	8	Coal
3012	3046	34	Pictured Cliffs Gas Sand

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
DATES			
TOOLS USED			
SHOOTING RECORD			
PLUGS AND ADAPTERS			
MUDGING AND CEMENTING METHODS			

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 "detached" 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.

Hayco Drilling Co., drilled surface hole, cemented 8-5/8" casing at 105 ft. when 60' reached

7-26-62 Moved in rotary and rigging up by Hayco Drilling Co. Drilled 109' to 1024'. Shale and sand, 7-7/8" hole.

7-27-62 Drilled 1024' to 2653'. Shale and sand, 7-7/8" hole. Drilled 2653' to 3047', time 10.0 at 3:30 P.M.

7-29-62 Ran Schlumberger E-Log thru D.P., logged 2582 to 3046'. Ran 95 Jts. (3059') new 4-1/2", 9.5#, J-55 casing. Cemented at 3046.50' with 125' casing. Completed at 6:00 P.M.

12-28-62 Western Company jet perforated 2 holes/foot, 3016 to 3036'. Western Co. placed P.C. sand with 34,000 gals. water, 30,000# sand (-20-40 mesh). Formation broke at 2700 psi, frac pressure 800 psi to 1000 psi final pressure. Avg. pump rate 38.9 bbls. per min.

2-8-63 Ran 103 Jts. 2-3/8", 4.7# tubing, landed at 3088'. Well kicked off flowing gas while running tubing.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Form 3-339