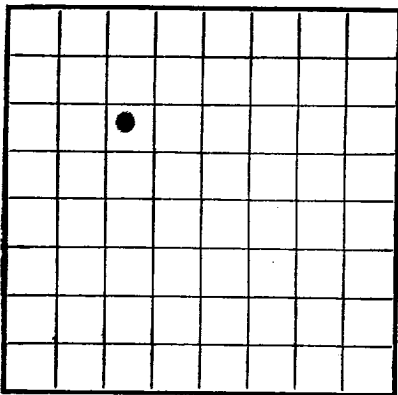




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **87-514958**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**RECEIVED**
MAY 8 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Astec Oil & Gas Company** Address **Box 786, Farmington, New Mexico**
Lessor or Tract **None** Field **Astec** State **New Mexico**
Well No. **2** Sec. **3** T. **29** R. **10** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. [S.] of **N.** Line and **1650** ft. [E.] of **W.** Line of **Section 3** Elevation **5867**
(Derick 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 *Joe C. Salmer*Date **May 1, 1956** Title **Drilling Superintendent**

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

Commenced drilling **March 17,** 19**56** Finished drilling **March 30,** 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2303 0** to **2336** 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	24	8		87					
5 1/2	16	8		1650					
1 1/2	4	8		2336					

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	981	100			
5 1/2	2176	200	Two Plug		
1 1/2	2339				

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
Sand-water was from 2302 to 2336 with 12,756 gallons water, 10,000 lbs. sand.						
Breakdown Pressure 1300 lbs., Injection Rate 39.3 barrels per minute.						

TOOLS USED

Rotary tools were used from **0** feet to **2176** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ **3 / 30**, 19**56** 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 **3210** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **674**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

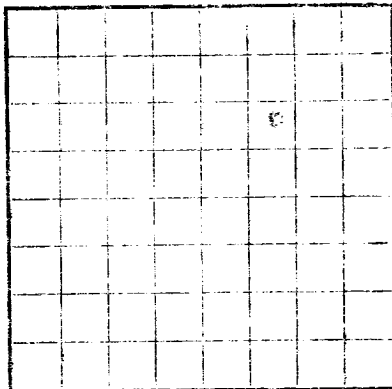
FROM—	TO—	TOTAL FEET	FORMATION
0	07	97	Sand and Shale
97	256	159	Sand and Shale
256	760	504	Sand and Shale
760	1085	325	Sand and Shale
1085	1304	219	Sand and Shale
1304	1651	347	Sand and Shale
1651	1910	289	Sand and Shale
1910	2381	441	Sand, Shale, and Coal
2381	2176	95	Sand and Shale

Log PC 2291

U. S. LAND OFFICE
SERIAL NUMBER
Please or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company _____
Lessor or Tract _____
Well No. _____
Location _____ of _____ Line and _____ of _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Date _____
Title _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

(Denote each by C)
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD

Casing	Weight per foot	Threads per inch	Blanks	Amount	Kind of casing	Cut and pulled from	Perforated	Purpose

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 size, position, and number of strings. If pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing	Weight per foot	Threads per inch	Blanks	Amount	Kind of casing	Cut and pulled from	Perforated	Purpose

PLUGS AND ADAPTERS

Heavy plug—Material _____
Adapters—Material _____
Length _____
Size _____

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

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

DATES

Put to producing _____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil; _____ was water and _____ sediment.
It gas well out ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	27	27	Red sandstone
27	107	80	Red sandstone
107	137	30	Red sandstone
137	167	30	Red sandstone
167	197	30	Red sandstone
197	227	30	Red sandstone
227	257	30	Red sandstone
257	287	30	Red sandstone
287	317	30	Red sandstone
317	347	30	Red sandstone
347	377	30	Red sandstone
377	407	30	Red sandstone
407	437	30	Red sandstone
437	467	30	Red sandstone
467	497	30	Red sandstone
497	527	30	Red sandstone
527	557	30	Red sandstone
557	587	30	Red sandstone
587	617	30	Red sandstone
617	647	30	Red sandstone
647	677	30	Red sandstone
677	707	30	Red sandstone
707	737	30	Red sandstone
737	767	30	Red sandstone
767	797	30	Red sandstone
797	827	30	Red sandstone
827	857	30	Red sandstone
857	887	30	Red sandstone
887	917	30	Red sandstone
917	947	30	Red sandstone
947	977	30	Red sandstone
977	1007	30	Red sandstone