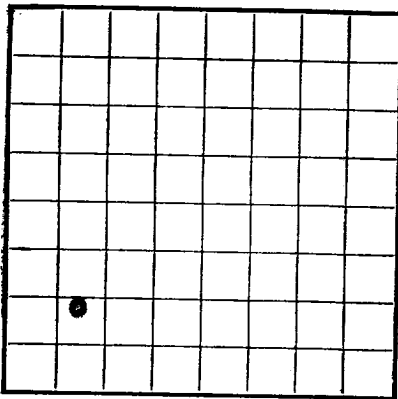


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **87-076958**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Astee Oil & Gas Company** Address **Box 786, Farmington, New Mexico**
Lessor or Tract **Hare** Field **Astee** State **New Mexico**
Well No. **3** Sec. **3** T. **29N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **990** ft. **(N)** of **8** Line and **990** ft. **(E)** of **W** Line of **Section 3** Elevation **5831**
(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 *J. C. Salmon*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 22,** 19 **56** Finished drilling **April 6** 19 **56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2245 0** to **2300** 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	21 1/2	8 1/2	87°	1330	87°				
5 1/2	11 1/2	8 1/2	87°	1330	87°				
1 1/2	2300	8 1/2	87°	1330	87°				

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	2335	110	Two Flg		
1 1/2	2300				

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 from 2351 to 2380 with 12,000 gallons water, 10,000 lbs. sand, break-down pressure 1050 lbs., Injection rate 30.7 barrels per minute.						

TOOLS USED

Rotary tools were used from **0** feet to **2335** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

4 / 7, 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 **2950 MCF**

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **6500**

EMPLOYEES

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

FORMATION RECORD

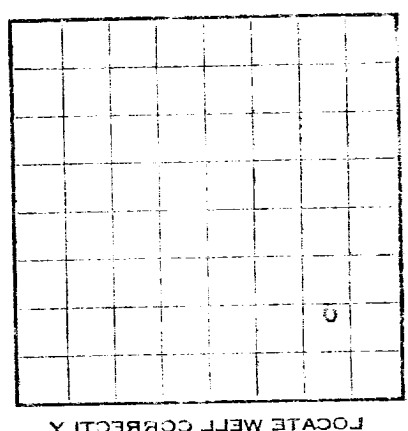
FROM—	TO—	TOTAL FEET	FORMATION
0	97	97	Sand and Shale
97	116	116	Sand and Shale
116	513	367	Sand and Shale
513	736	223	Sand and Shale
736	1021	285	Sand and Shale
1021	1102	81	Sand and Shale
1102	1120	18	Hard Sand
1120	1242	122	Sand and Shale
1242	1526	284	Sand and Shale
1526	1802	276	Sand and Shale
1802	2028	226	Sand and Shale
2028	2335	307	Sand and Shale

Top PC 2245'

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



Company _____
Lessor or Trust _____
Well No. _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
Signed _____
Date _____
Title _____

OIL OR GAS SANDS OR ZONES

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	Thickness	Make	Amount	Kind of steel	Cut and pulled from	From	To	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 same and its results. If there were any changes made in the casing, state fully, and if any casing was added or left in the well, give its size and location. If the well has been dynamited, state date, depth, and number of shots. If logs or bridges were put in to test for water, state kind of material used, position, and terms of pumping or drilling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing	Water used	Number sacks of cement	Method used	Kind of gravity	Amount of mud used

PLUGS AND ADAPTERS

Adapter—Material _____
How big plug—Material _____
Length _____
Depth set _____

SHOOTING RECORD

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

TOOLS USED

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

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil.
It gas well out per 24 hours _____ barrels.
Hook pressure per set in _____.
Put to producing _____.

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravel and sand
10	20	20	Gravel and sand
20	30	30	Gravel and sand
30	40	40	Gravel and sand
40	50	50	Gravel and sand
50	60	60	Gravel and sand
60	70	70	Gravel and sand
70	80	80	Gravel and sand
80	90	90	Gravel and sand
90	100	100	Gravel and sand