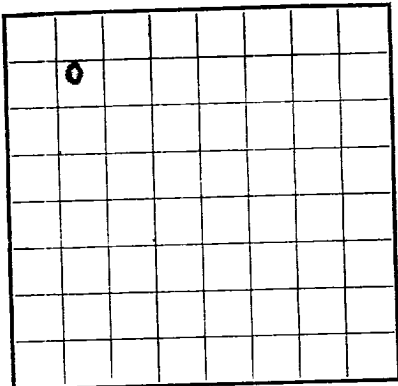
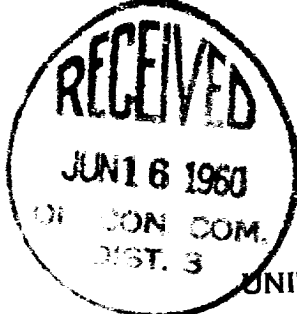




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF - 079634**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Astec Oil & Gas Company** Address **Box # 570, Farmington, New Mexico**
Lessor or Tract **McClanahan** Field **Angel Peak Extension** State **New Mexico**
Well No. **14-D** Sec. **23** T. **28N** R. **10W** Meridian **N.M.P.M.** County **Santa Juan**
Location **1850** ft. **N.** of **1** Line and **1850** ft. **E.** of **W** Line of **Section 23** Elevation **5926 G.L.**
(Derriek 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. ORIGINAL SIGNED BY **JOE C. SALMON**
Signed **Joe C. Salmon**
Date **June 10, 1960** Title **District Superintendent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **5/8/60**, 19... Finished drilling **5/26/60**, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6546** to **6140 (G)** No. 4, from **6396** to **6406 (G)**
No. 2, from **6522** to **6526 (G)** No. 5, from _____ to _____
No. 3, from **6556** to **6569 (G)** 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	32.7	6.625	3-55	200	Displacement				
4 1/2	6.50	6.625	3-55	300	two plug				
2 3/8	4.7	6.625	3-55	100					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	326'	200	Displacement		
4 1/2	6540'	300	two plug		
2 3/8	6373'	—			

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 was on track with 80,000# sand and 1900 lbs. water. Breakdown pressure - 2900 - 2000, I.R. - 49 bpm, treating pressure - 3000 - 2000, shut-in pressure - 2000.						

TOOLS USED

Rotary tools were used from **0** feet to **6585** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **6556** feet, and from _____ feet to _____ feet

DATES

_____ **5/31/60**, 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 **ACEL, 636** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1988**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	315	315	Surface
315	335	20	Sand
335	1922	1587	Sand & Shale
1922	2624	702	Sand & Shale
2624	3154	530	Sand & Shale
3154	3583	429	Sand & Shale
3583	3930	347	Sand & Shale
3930	4460	530	Sand & Shale
4460	4840	380	Sand & Shale
4840	5140	300	Sand & Shale
5140	5385	245	Sand & Shale
5385	5460	75	Sand & Shale
5460	5715	255	Sand & Shale
5715	5855	140	Sand & Shale
5855	6115	260	Sand & Shale
6115	6437	322	Sand & Shale
6437	6540	103	Sand & Shale
6540	6580	40	Sand & Shale

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)

FORMATION RECORD—Continued

TOP OF PICTURED CLIFFS - 2029
TOP OF DAKOTA - 6375

