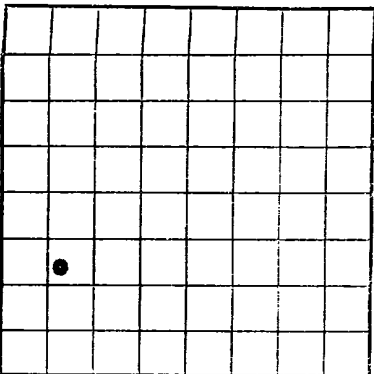


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077874**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Astec Oil & Gas Company** Address **1104 Hurt Building, Dallas, Texas**
Lessor or Tract **Hanks** Field **Fulcher-Kuts** State **New Mexico**
Well No. **5** Sec. **7** T **27N** R. **9W** Meridian **N.M.P.M.** County **San Juan**
Location **1450** ft. {N.} of **S** Line and **790** ft. {E.} of **W** Line of **Section 7** Elevation **6186** ft. (Derives 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 **E. W. Thompson**

Date **June 25, 1952** Title **Manager Production Dept.**

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

Commenced drilling **May 15, 1952**, 19 Finished drilling **June 8, 1952**, 19

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **2090** to **?** 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 down from	Perforated	Purpose
8-5/8	32#	8	H-40	129.70'	Ball			Surface
5-1/2	17.5#		H-40	2120'				Production
1" tubing				2157' 2"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	136'	60	Halliburton		
5-1/2"	2093'	100	"		
1" tubing	2129'				

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
		Nitro Glycerine	133 qts.	6/3/52	2100-56	2156

TOOLS USED

Rotary tools were used from **0** feet to **2156** feet, and from feet to feet
Cable tools were used from **2155** feet to **2156** feet, and from feet to feet

DATES

June 8, 1952 Put to producing
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 **857 MCF/3 hr** Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. **605#** **SI 8 days**

EMPLOYEES

Denann Drilling Co, contractor for Rotary drilling, Driller
Petroleum Products Refg. & Producing Co. Contractor for Cable Tool, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	140	140	Sand and shale
140	565	425	Sand
565	2040	1475	Sand and shale
2040	2055	15	Shale
2055	2156 T.D.	101	Sand and shale

Top of Pictured Cliffs formation -- 2090 feet.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

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.

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