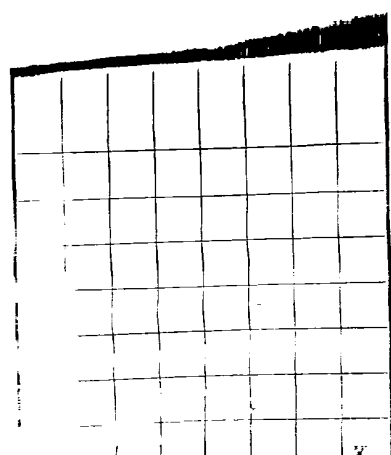


U. S. LAND OFFICE



SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Astec Oil and Gas Company Address Box # 570, Farmington, New Mex.
Lessee or Tract Range Field Basin District State New Mexico
Well No. B-1 Sec. 32 T. 24 R. 11 Meridian N.M.P.M. County Sandoval
Location 600 ft. N. of S. Line and 990 ft. E. of E. Line of Section 32 Elevation 54250 L.
(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 ORIGINAL SIGNATURE Title J. C. Wilson
District Superintendent

Date February 2, 1961

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

Commenced drilling 12/30/59, 19..... Finished drilling 1/15/61, 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5925 to 5934 (G) No. 4, from to
No. 2, from 5998 to 6036 (G) No. 5, from to
No. 3, from 5945 to 5956 (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	25	8rd	J-55	305					
4 1/2	17.6	8rd	J-55	725					
1	9.5	8rd	J-55	5417					
2 3/8	4.7	8rd	J-55	5882					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	317	300	displacement		
4 1/2	5175	500	no plug		
2 3/8	5692				

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 treated with 10,000 sand and 1000 lbs. water, flushed with 210 Bbs. Breakdown pr. - 1000, Maximum - 2000, Avg. treating pr. - 2000, I.S. - 18.5 lbs. dropped 115 balls, 5 in. shot in pr. - 1000						

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

....., 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 AGF - 5916 Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. 2001

EMPLOYEES

....., Driller , Driller
....., Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	317	317	surface
317	600	483	sand
600	1228	428	sand and shale
1228	2010	1088	sand and shale
2010	3025	709	sand and shale
3025	4097	1072	sand and shale
4097	4463	366	sand and shale
4463	4914	451	sand and shale
4914	5222	308	sand and shale
5222	5875	653	sand and shale
5875	6175	300	sand and shale

(OVER)

FIGURED CLIFFS - 14,75, POINT LAKEVIEW - 3933, GALLUP - 5084, DAKOTA - 5998

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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.