

LOCATE WELL CORRECTLY

11 9 1960

MAY 1961

DEPARTMENT

GEOLOGICAL SURVEY

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

PERMIT TO PROSPECT -----
RECEIVED

U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Astec Oil & Gas Company Address Box 788, Farmington, New Mexico
 Lessor or Tract Reid Field Astec Pictured Cliffs State New Mexico
 Well No. 16 Sec. 18 T. 28N R. 9W Meridian N.M.P.M. County San Juan
 Location 1750 ft. N. of 5 Line and 800 ft. E. of W Line of Section 18 Elevation 5708 G.L.

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 SIGNED BY JOE GOALSON, Salton

Date May 11, 1960 Title District Superintendent

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

Commenced drilling 4/12/60 1960 Finished drilling 4/29/60 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1978 to 2014 (G) 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. 2, from _____ to _____

No. 3, 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—	
1 1/2	11 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
2	12 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
3	13 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
4	14 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
5	15 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
6	16 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
7	17 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
8	18 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
9	19 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
10	20 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
11	21 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
12	22 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
13	23 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
14	24 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
15	25 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
16	26 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
17	27 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
18	28 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
19	29 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
20	30 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
21	31 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
22	32 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
23	33 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
24	34 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
25	35 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
26	36 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
27	37 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
28	38 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
29	39 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
30	40 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
31	41 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
32	42 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
33	43 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
34	44 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
35	45 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
36	46 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
37	47 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
38	48 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
39	49 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000
40	50 lb.	12	AMERICAN	1000	1000	1000	1000	1000	1000

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	106'	70	displacement		
2 7/8	2054'	100	two plug		

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 fraced with 60,000# sand and 1140 lbs. water. Breakdown pressure - 270 2350#, I.R. - 21 bpm, treating pressure - 2350# initial shut-in - 600#						

TOOLS USED

Rotary tools were used from 0 feet to 2078 feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 2040 feet, and from _____ feet to _____ feet

DATES

Put to producing	19
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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 ----- 6985 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 6.8 -----

EMPLOYEES

_____, Driller

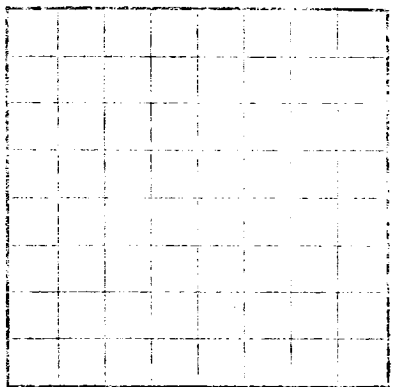
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	60	60	Surface
60	97	37	Surface
97	1100	1003	Sand & Shale
1100	1472	372	Sand & Shale
1472	1492	20	Sand & Shale
1492	1883	391	Sand & Shale
1883	1980	97	Sand & Shale
1980	2065	85	Sand & Shale, coal
2065	2078	13	Sand & Shale

TOP OF PICTURED CLIFFS -1970- (COVER) EXAMINATION RECORD-CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

[illegible]

For comment on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ROCKS

No. 1 from _____ to _____
 No. 2 from _____ to _____
 No. 3 from _____ to _____
 No. 4 from _____ to _____
 No. 5 from _____ to _____
 No. 6 from _____ to _____
 (Insert as by 0)

REPORT WATER HANDS

[illegible]

070055 041210

[illegible]

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 "side-tracked," 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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD			
Diller	Diller		
EMPLOYEES			
Gallons gasoline per 1000 cu ft of rock drilled Average 1960 _____ Number of ft of rock drilled _____ Total to produce _____			
TOOLS USED			
List tools used from start to finish of hole.			
DRILLING AND CEMENTING RECORD			
Cement	Water	Time on job	Remarks