

U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **NM 01772-A**  
LEASE OR PERMIT TO PROSPECT **Reid**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C. 20508

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Astec Oil & Gas Company** Address **Dresser # 570, Farmington, New Mex.**  
Lessor or Tract **Reid** Field **Basin Dakota** State **New Mexico**  
Well No. **23-D** Sec. **17** T. **28N** R. **9W** Meridian **N.M.P.M.** County **Santa Juan**  
Location **1690** ft. **N** of **S** Line and **1190** ft. **E** of **W** Line of **Section 17** Elevation **5126 G.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 SIGNED BY JOE C. SALMON**Date **July 31 1961** Title **District Superintendent**

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

Commenced drilling **6/21/61**, 19\_\_\_\_ Finished drilling **7/9/61**, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6488** to **6506 (G)** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **6581** to **6596 (G)** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **6610** to **6624 (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	24	8rd	J-55	310					
4 1/2	9.5	8rd	J-55	5550					
4 1/2	11.6	8rd	J-55	1186					
2 3/8	4.7	8rd	J-55	6448					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	322	225	displacement		
4 1/2	6635	350 reg. 103 H28	two plug		
2 3/8	6459				

## 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 55,000# sand, 1330 lbs. water, flushed w/ 160 Hls. water breakdown pr.- 1600, Avg. 2500, I.R. 31.2 dropped 50 rubber ball sealers, 5 min. shut-in 800						

## TOOLS USED

Rotary tools were used from **0** feet to **6669** feet, and from **xxxxx.R.T.D./6635** feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

**7/12/61**, 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 **ACF 2563** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. **1977**

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	130	130	sand, shale
130	325	195	sand, shale
325	1150	825	sand and shale
1150	1751	601	shale, sand, coal
1751	2698	947	sand and shale
2698	2977	279	sand and shale
2977	3141	164	shale
3141	3567	426	sand and shale
3567	3821	254	sand, shale & coal
3821	4520	699	sand and shale
4520	4707	187	sand and shale
4707	4965	258	sand and shale
4965	5061	96	shale
5061	5328	267	sand and shale
5328	5497	169	shale
5497	5693	196	sand and shale
5693	5824	131	shale
5824	5981	157	sand and shale
5981	6115	134	shale
6115	6474	359	sand and shale
6474	6641	167	sand and shale
6641	6665	24	sand and shale

PICKERED CLIFFS-2060  
CLIFF HOUSE- 3715  
POINT LOOKOUT- 4350  
GALLUP- 5542  
GRANEROS- 6382  
DARTON- 6484

**FORMATION RECORD—Continued**[illegible]

### HISTORY OF OIL OR GAS WELL

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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.