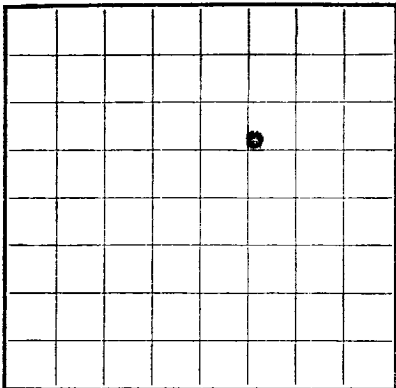




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT Ute-Indian LandUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Astec Oil & Gas Company Address Box 76, Aradition, New Mexico
Lessor or Tract Ute-Indian Field Verde-Gallup State New Mexico
Well No. 1-4 Sec. 15 T. 31 R. 15 Meridian N.1.P.1. County San Juan
Location 1930 ft. S. of 1 Line and 1930 W. of 1 Line of Section 15 Elevation 5719
(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 Jae C. SalmonDate June 3, 1957 Title District Superintendent

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

Commenced drilling 1-19-57, 19____ Finished drilling 1-23-57, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1943 to 1982 No. 4, from _____

No. 2, from _____ to _____ No. 5, from _____

No. 3, from _____ to _____ No. 6, from _____

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—	
3 5/8	21.5	4 1/2	1-45	26.17					
5 1/2	11.5	4 1/2	1-45	20.5			1912	1982	
2 3/8	10.7	4 1/2	1-45	19.5					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 5/8	108	100	Circulated		
5 1/2	2026	50	Two-Plug		
2 3/8	1916				

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
Series 1	1 frac with 12,000 sand and 12,000 gals. oil					Rate 11.5 bpm.

TOOLS USED

Rotary tools were used from 0 feet to 2026 feet, and from _____ feet to _____ feet

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

DATES

_____, 1957 Put to producing _____, 1957The production for the first 24 hours was 70 barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

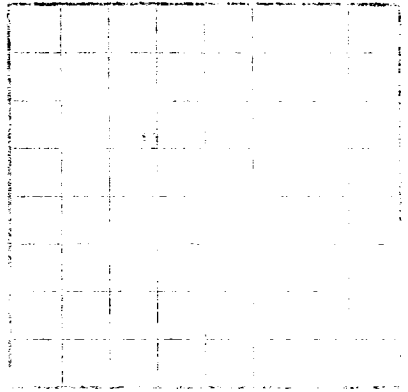
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	12	12	Rock
12	112	70	Sand and Shale
112	370	758	Sand and Shale
370	1714	874	Sand and Shale
1714	2026	292	Sand and Shale
			Schlumberger logs for 1943

(OVER)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OFFICE WELL



УДК 62-50:62-50

1. The first step is to identify the main components of the system. This includes the hardware (CPU, memory, storage) and software (operating system, applications).

2. The second step is to analyze the system's performance. This involves monitoring key metrics such as CPU usage, memory usage, and disk I/O.

3. The third step is to identify any bottlenecks or areas of improvement. This can be done by comparing current performance against benchmarks or previous measurements.

4. The fourth step is to implement optimizations. This may involve upgrading hardware, adjusting system settings, or rewriting code.

5. The fifth step is to test the optimized system. This ensures that the changes have not introduced any new issues and that performance has improved as expected.

6. The sixth step is to document the results. This includes creating a report that details the findings, the optimizations implemented, and the resulting performance improvements.

7. The seventh step is to schedule regular maintenance. This ensures that the system remains optimized over time and that any new issues are identified and addressed promptly.

Printed on acid-free paper. Please do not contribute unless it is appropriate to your collection.

(S) (C)

(b) (5) DPP, (b) (5) ACP

IMPORTANT WATER SAVING

GROUP: CHIEF

[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 "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.

HISTORY OF OIL OR GAS WELL

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

[illegible]