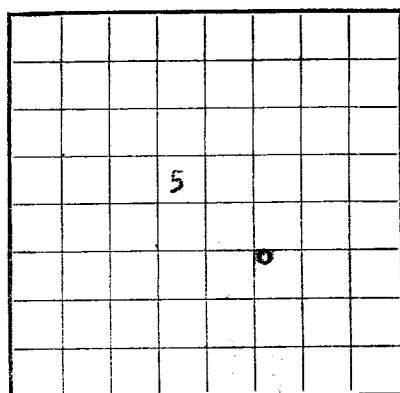
U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 080345
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shar-Alan Oil Company Address 1402 Denver U. S. National Center
Lessor or Tract Douthitt-Browning Field So Blanco Pictured Cliffs New Mexico
Well No. 1 Sec. 2 T. 23N R. 1W Meridian NMPM County Sio Arriba
Location 1650 ft. N of S Line and 650 ft. E of Section 5 Elevation 7445
(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 _____Date July 2, 1962 Title Richard S. Hunt
Mgr. of Lands & Explorations

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

Commenced drilling 4-23-62, 19____ Finished drilling 4-30-62, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3110 to 3120 (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. 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	8V	CFI	98	Halliburton				
4 1/2	9.5	8V	CFI	3215		3110	3120		Production
1	1.8	8V	CFI	3100		3146	3166		
						3174	3186		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	98'	50	Halliburton		
4 1/2	3215	126			

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

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 3633 MCF/d Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 757#

EMPLOYEES

Rayco Drilling Company, Driller _____, Driller
Farmington, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2930	2930'		Ojo Alamo
2982	2982		Kirtland
3050	3050		Fruitland
3108	3108		Pictured Cliffs
	3158		Lewis
			Test chart 11/1/62
			frac treated down casing with 40,000# sand and 36,700 gallons water. Break- down pressure 1800. Treating pressure 1600-1900 psi. Injection rate 41.6 BPM On vacuum at end of treatment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 20 9 03 AM '64

[illegible]

1. The first part of the document is a letter from the author to the editor of the journal, dated 1964. The letter discusses the author's interest in the journal and the possibility of publishing a paper.

2. The second part of the document is a letter from the editor to the author, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

3. The third part of the document is a letter from the author to the editor, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

4. The fourth part of the document is a letter from the editor to the author, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

5. The fifth part of the document is a letter from the author to the editor, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

6. The sixth part of the document is a letter from the editor to the author, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

7. The seventh part of the document is a letter from the author to the editor, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

8. The eighth part of the document is a letter from the editor to the author, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

9. The ninth part of the document is a letter from the author to the editor, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

10. The tenth part of the document is a letter from the editor to the author, dated 1964. The letter discusses the author's paper and the possibility of publishing it.

1. The first step is to identify the problem or goal. This involves understanding the current situation, the desired outcome, and the constraints. It is important to be clear and specific about what you want to achieve.

[illegible]

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 or shoos.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-45004-2

FROM-	TO-	TOTAL FEET	FORMATION
			1. FORMATION 2. DESCRIPTION 3. THICKNESS 4. REMARKS