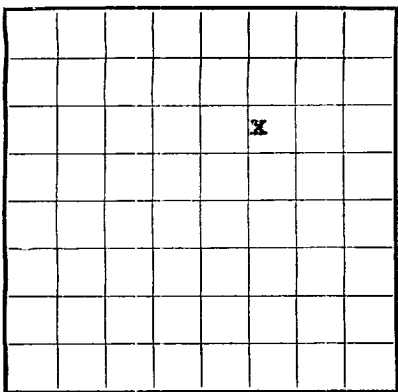


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079065
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company AZTEC OIL & GAS COMPANY Address 311 Burt Building, Dallas, Texas
Lessor or Tract Hagood Field West Kutz State New Mexico
Well No. 2 Sec. 34 T. 29N R. 13W Meridian N.M.P.M. County San Juan
Location 1520 ft. XX of N Line and 1500 ft. XX of E Line of Section 34 Elevation 5748
(Derriek 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.

Date May 4, 1954 Signed E. M. Anderson Title Chief Geologist

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

Commenced drilling March 30, 1954 Finished drilling April 16, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1502' to 1578' (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"	32#		H-40	95'					Surface
5-1/2"	14#		H-40	1145'					Production
5-1/2"	15#		J-55	372'					Production
1"	Tbg.			1535' @ 1539'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	103'	80	Halliburton		
5-1/2"	1505'	50	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Nitroglycerine	138 qts.	4-11-54	1518-1573'	1578'

TOOLS USED

Rotary tools were used from Surface feet to 1576 feet, and from _____ feet to _____ feet
Cable tools were used from 1576 feet to 1578 feet, and from _____ feet to _____ feet

DATES

April 16, 1954 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 54.67 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 422# S.I. 7-Da.

EMPLOYEES

Greer-Smith Drilling Corp., Driller (Rotary) J. D. Dean, Driller
Benson-Montin, Driller (Cable Tools) Bill Wells, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	105'	105	Surface
105'	1495'	1390	Sand and Shale
1495'	1537'	42	Coal and Sand
1537'	1576'	39	Coal, Sand, Shale
1576'	1578'	2	Sand and Shale
Top Pictured Cliffs Sand - 1502'			

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOR OF OF OF OF OF

LOCATE WITH CONFIDENCE

[illegible]

The information given in this example is a summary of the well and all wells in the room so far as can be determined by a field check. It is not intended to be a complete record.

[illegible]

000000 00 00000 000 000 000 000 000 000 000

[illegible]

SINAR, JITAW, THAI, BORNIA

1. $\text{mod}(8, 10^Z)$ 2. $\text{mod}(9, 10^Z)$ 3. $\text{mod}(11, 10^Z)$
 4. $\text{mod}(12, 10^Z)$ 5. $\text{mod}(13, 10^Z)$ 6. $\text{mod}(14, 10^Z)$

GROUP THREE

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 balling.

HISTORY OF OIL OR GAS WELL

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

FROM	TO	TOTAL FEET	FORMATION
			FORMATION RECORD
			DEPTH CYCLES
			DATES
			FOOT USED
			INJECTION RECORD
			SIZES AND ADAPTIVE
			WATER AND GELATINE