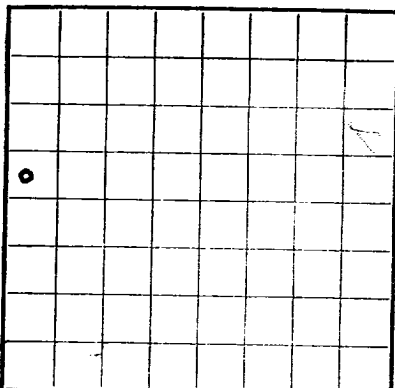




LOCATE WELL CORRECTLY

RECEIVED

OCT 26 1960

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES

GEOLOGICAL SURVEY

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 849998B

LEASE OR PERMIT TO PROSPECT

RECEIVED

OCT 27 1960

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Deane H. Stolts Address Box 1625, Midland, TexasLessor or Tract Hondo-Federal Field Undesignated State New MexicoWell No. 1 Sec. 1 T 17S R 31E Meridian NMPM County EddyLocation 2310 ft. N of N Line and 330 ft. E of W Line of Sec. 1 Elevation 4023
(Derisk 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 JawannDate October 24, 1960Title Agent

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

Commenced drilling August 26, 19 60 Finished drilling September 12, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3644 to 3650 No. 4, from _____ to _____No. 2, from 3677 to 3688 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—	
<u>8-5/8</u>	<u>378</u>	<u>8</u>	<u>3853</u>	<u>3853</u>	<u>None</u>	<u>3644</u>	<u>3644</u>	<u>3650</u>	<u>Oil</u>
<u>5-1/2</u>	<u>3853</u>	<u>8</u>	<u>3853</u>	<u>3853</u>	<u>None</u>	<u>3678</u>	<u>3678</u>	<u>3686</u>	<u>Oil</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>378</u>	<u>150</u>	<u>P&P</u>		
<u>5-1/2</u>	<u>3853</u>	<u>540 plus 80</u>	<u>P&P</u>		<u>PBTD 3819'</u>
		<u>Lentex</u>	<u>Top Gmt.</u>	<u>810' by Temp. Survey</u>	

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
<u>See Form 9-331a dated Oct. 24, 1960 for completion details.</u>						

TOOLS USED

Rotary tools were used from 127 feet to 3856 feet, and from _____ feet to _____ feetCable tools were used from 0 feet to 127 feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing October 15, 19 60The production for the first 24 hours was 46.8 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 35

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Paul E. Warner, Driller J. G. Crisp, DrillerH. L. Roper, Driller _____, Driller

FORMATION RECORD

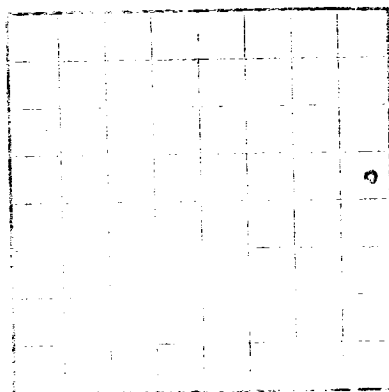
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>390</u>	<u>390</u>	<u>Sd & Red beds</u>
<u>390</u>	<u>1430</u>	<u>1430</u>	<u>Anhyd. Red beds</u>
<u>1430</u>	<u>1900</u>	<u>1900</u>	<u>Anhyd & salt</u>
<u>1900</u>	<u>2225</u>	<u>2225</u>	<u>Anhyd&salt streaks</u>
<u>2225</u>	<u>3010</u>	<u>3010</u>	<u>Anhyd</u>
<u>3010</u>	<u>3020</u>	<u>3020</u>	<u>Sand</u>
<u>3020</u>	<u>3420</u>	<u>3420</u>	<u>Anhyd</u>
<u>3420</u>	<u>3590</u>	<u>3590</u>	<u>Anhyd&limestone</u>
<u>3590</u>	<u>3715</u>	<u>3715</u>	<u>Sand & dolo</u>
<u>3715</u>	<u>3856</u>	<u>3856</u>	<u>Dolo.</u>

1. The first step is to identify the problem or goal. This involves understanding the current situation and what needs to be achieved.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
JUL 27 1960

[illegible]

LOG OF OIL OR GAS WELL



MANUSCRIPT RECEIVED 12 SEPTEMBER 1981

The information given hereafter is a complete and correct record of all work done during
the year ending _____
and is based upon all available records.
Signed _____

Investigation of _____ of _____
State _____
Address _____
City _____ State _____

The summary on this page is for the condition of the ship at the end of the voyage.

OIL OR GAS SANDS DE POSITS

(D) and (E) show the

$\frac{1}{\sqrt{2}} \left(\begin{array}{c} 1 \\ 0 \\ 0 \\ 0 \end{array} \right)$	$\text{mod } 2^{\frac{1}{2}}$	$\frac{1}{\sqrt{2}} \left(\begin{array}{c} 1 \\ 0 \\ 0 \\ 0 \end{array} \right)$	$\text{mod } 2^{\frac{1}{2}}$
$\frac{1}{\sqrt{2}} \left(\begin{array}{c} 0 \\ 1 \\ 0 \\ 0 \end{array} \right)$	$\text{mod } 2^{\frac{1}{2}}$	$\frac{1}{\sqrt{2}} \left(\begin{array}{c} 0 \\ 1 \\ 0 \\ 0 \end{array} \right)$	$\text{mod } 2^{\frac{1}{2}}$
$\frac{1}{\sqrt{2}} \left(\begin{array}{c} 0 \\ 0 \\ 1 \\ 0 \end{array} \right)$	$\text{mod } 2^{\frac{1}{2}}$	$\frac{1}{\sqrt{2}} \left(\begin{array}{c} 0 \\ 0 \\ 1 \\ 0 \end{array} \right)$	$\text{mod } 2^{\frac{1}{2}}$

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[illegible]

CASTING RECORD

$$S_{\text{eff}} = \int d^4x \sqrt{-g} \left[\frac{1}{2} R - \frac{1}{2} (\partial_\mu \phi)^2 - V(\phi) \right] + \int d^4x \sqrt{-g} \left[\frac{1}{2} (\partial_\mu \psi)^2 - W(\psi) \right] + \int d^4x \sqrt{-g} \left[\frac{1}{2} (\partial_\mu \chi)^2 - U(\chi) \right]$$

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 the 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

U. S. GOVERNMENT PRINTING OFFICE

OFFICE MEMORANDUM FOR THE DIRECTOR				
TO :	FROM :	SUBJECT :	DATE :	TIME :
1. A letter to the Director	1. Mr. [Name]	1. [Subject]	1. [Date]	1. [Time]
2. A letter to the Director	2. Mr. [Name]	2. [Subject]	2. [Date]	2. [Time]
3. A letter to the Director	3. Mr. [Name]	3. [Subject]	3. [Date]	3. [Time]
4. A letter to the Director	4. Mr. [Name]	4. [Subject]	4. [Date]	4. [Time]
5. A letter to the Director	5. Mr. [Name]	5. [Subject]	5. [Date]	5. [Time]
6. A letter to the Director	6. Mr. [Name]	6. [Subject]	6. [Date]	6. [Time]
7. A letter to the Director	7. Mr. [Name]	7. [Subject]	7. [Date]	7. [Time]
8. A letter to the Director	8. Mr. [Name]	8. [Subject]	8. [Date]	8. [Time]
9. A letter to the Director	9. Mr. [Name]	9. [Subject]	9. [Date]	9. [Time]
10. A letter to the Director	10. Mr. [Name]	10. [Subject]	10. [Date]	10. [Time]

[illegible]

STUCK AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

feet	of feet	feet and from	1986	to feet		new woods were read from	feet
feet	of feet	feet and from	1987	to feet		new woods were read from	feet

DATE

Put no producing wells in _____ 1918	The production for the first four months _____ barrels of fluid of which _____ was oil
--	--

Gas evolved per 24 hours	Gravimetric sediment
Gas evolved per 1,000 cu. ft. of gas	Gravimetric sediment

EMPLOYEES

[illegible]

FORMATION INFORMATION

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FROM	TO	TOTAL FEET	FORMATION
FORMATION RECORD—Continued			