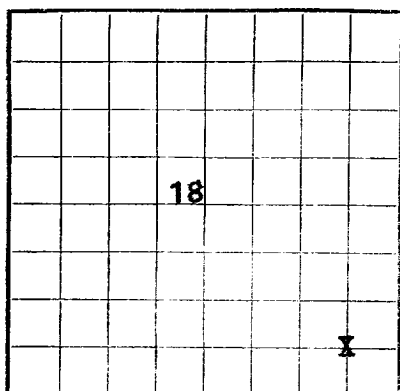


U. S. LAND OFFICE Santa Fe, N.M.

SERIAL NUMBER SF 078062

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address P.O. Box 158, Farmington, New Mexico
Lessor or Tract Federal Carson Unit Field Bisti State New Mexico
Well No. 44-18 Sec. 18 T. 25N R. 11W Meridian NMPM County San Juan
Location 660 ft. N of S. Line and 659 ft. NE of E. Line of Section 18 Elevation 6430 KB

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.

Original signed by
B. W. SHEPARD

Signed _____

Date March 25, 1960 Title Exploitation Engineer

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

Commenced drilling February 16 1960 Finished drilling February 22 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

gross	
No. 1, from <u>4887</u> to <u>4999</u>	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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	99	100	Displacement		
4-1/2"	5059	150	Displacement		

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 0 feet to 5060 feet, and from - feet to - feet

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

DATES

March 25, 1960 Put to producing March 6, 1960

The production for the first 24 hours was 170 barrels of fluid of which 99.5% was oil; _____% emulsion; _____% water; and 5% sediment. Gravity 86.4. 100 API (approx)

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES		Brinkerhoff Drilling Company
_____	Driller	_____ Driller
_____	Driller	_____ Driller

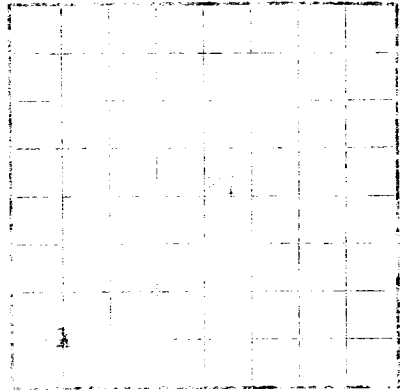
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1231	1426	195	Pictured Cliffs
1426	1595	169	Lewis
1595	2057	462	Cliff House
2057	3690	1633	Allison-Menefee
3690	3881	191	Point Lookout
3881	4790	909	Mancos
4790	—	—	Gallup

United States Patent to Inventor
Special Examiner of Patents
U. S. Patent Office, Washington, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



FROM THE DEPT. OF THE ARMY

Company _____
 Address _____
 City _____ State _____
 Federal Survey Number _____
 Well No. _____
 Location _____
 The information given herein is a copy of and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Signed _____
 Date _____
 Title _____

Continued drilling _____ 1962 _____ finished drilling _____ 1963 _____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR LONES

(b) get more money

.....69	mod 4, 0%	69	mod 4, 0%
.....69	mod 8, 0%	69	mod 8, 0%
.....69	mod 16, 0%	69	mod 16, 0%

IMPORTANT WATER SANDS

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Attached: Drilling History

HISTORY OF OIL OR GAS WELL

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

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.

[illegible]