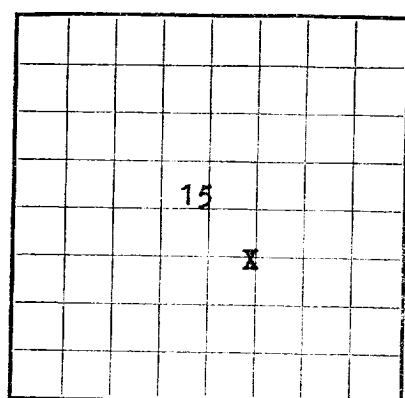


U. S. LAND OFFICE Santa Fe, N.M.

SERIAL NUMBER MM 070322

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, N.M.
Lessor or Tract Federal-Government Field Bisti State New Mexico
Well No. 33-15 Sec. 15 T. 25N R. 12W Meridian _____ County San Juan
Location 1980 ft. N. of S. Line and 1980 ft. E. of E. Line of Sec. 15 Elevation 6237 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.

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 December 24....., 1959.. Finished drilling December 31....., 1959..

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>4696</u> ^(gross) to <u>4804</u> No. 2, from _____ to _____ No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
---	--

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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"	28	—	Met. H.	4.854	Baker		4096	4804	Production
4-1/2"	9.5	—			Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	100	100	Displacement		
4-1/2"	4863	150	Displacement		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 4865 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 panel 6 100

The production for the first 24 hours was 37 barrels of fluid of which 90% was oil; _____% emulsion; 10% water; and _____% sediment. Gravity: 84.100

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

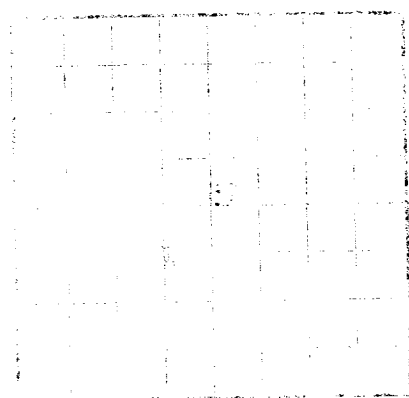
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____	Driller	Brinkerhoff Drilling Company	_____	Driller
_____	Driller		_____	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1060	1230	170	Pictured Cliffs
1230	1418	188	Lewis
1418	1947	529	Cliff House
1947	3517	1570	Allison - Menefee
3517	3684	167	Point Lookout
3684	4603	919	Mancos
4603	—	—	Gallup



LOC OF INT OR GAS WELL

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]

Attached: **Drilling History**

[illegible]

HISTORY OF OIL OR GAS WELL

10-5084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]