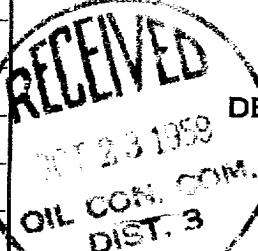


U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

11-20-151-16

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aster Oil and Gas Company Address Box 134, Farmington, New Mexico
Lessor or Tract Ute Indian Field Verde Gallup State New Mexico
Well No. 3-C Sec. 16 T. 31-N R. 15-W Meridian N.M.P.M. County San Juan
Location 1980 ft. [N.] of 4 Line and 660 ft. [W.] of 3 Line of Section 16 Elevation 5702
(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 ORIGINAL SIGNED BY JOE C. SALMONDate October 20, 1959Title District Superintendent

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

Commenced drilling 7/12, 1959 Finished drilling 7/28, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
7 5/8	102	90	102	90	Displacement				
4 1/2	1369	60	1369	60	Two-plug				
2 3/8	1361	—	1361	—					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8	102	90	Displacement		
4 1/2	1369	60	Two-plug		
2 3/8	1361	—			

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
Sand-Oil fraced with 200 bbls. oil and 10,000# sand. Breakdown pressure - 750						
Treating pressure - 1200# Final pressure - 350# I.B. - 37.1						

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. 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 _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	45	45	Sand
45	102	57	Sand and Shale
102	300	698	Sand and Shale
300	1756	756	Sand and Shale
1756	1812	86	Sand and Shale
1812	1869	27	Shale
1869	1901	15	Shale
1901	1925	41	Sand and Shale
1925	1970	45	Sandy Shale
1970	1987	17	Sand and Shale
LEO/1-	LO-	LO/17 FEEL	FOUNDATION

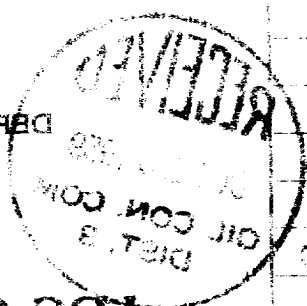
FORMATION RECORD—Continued

16-43094-4

Top of Lower Gallup - 1836
Top of "A" Marker - 1841

PLEASE OR PAYMENT TO PAYMENT
SERIAL NUMBER
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCAL WELL CORRECTLY

FOG OF OIL OR GAS WELL

The information given herewith is a complete and correct record of the well and all work done thereon.
It can be determined from all available records.
SIGNED _____
ORIGINAL STORED AT _____
COUNTY _____
STATE _____
ADDRESS _____
COUNTY _____
STATE _____
ADDRESS _____

The company on this page is not as good as the one on the previous page.

Continued on inside back cover

(Determine by (c))
OIL OR GAS SANDS OR ZONES

No. 1 from	to	No. 1 from	to
No. 2 from	to	No. 2 from	to
No. 3 from	to	No. 3 from	to

IMPROVANT WATER SANDS

to from 20.8 %
to from 20.4 %

CASING RECORD

Serial Number	Date	Location	Depth	Amount	Kind of Pipe	Out and Inlet Lines	Remarks
1	1910	1000	1000	1000	1000	1000	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 date, size, position, and number of shots. If pings 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

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]