

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SP 078115
LEASE OR PERMIT TO PROSPECT _____
GrenierUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEP 4 1962

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aston Oil and Gas Company Address Drawer # 570, Farmington, New Mex.
Lessor or Tract Grenier Field Basin Dakota State New Mexico
Well No. 12 Sec. 13 T. 31N R. 12W Meridian N.M.P.M. County San Juan
Location 790 ft. N. of S Line and 790 ft. W. of E Line of Section 13 Elevation 6087 G.L.
(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 _____ Date August 31, 1962 Title District Superintendent
Joe C. Salmon

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

Commenced drilling 7/15/62, 19____ Finished drilling 8/12/62, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7068 to 7084 (G) No. 4, from _____ to _____
No. 2, from 7156 to 7190 (G) No. 5, from _____ to _____
No. 3, from 7292 to 7298 (G) 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	24	8rd	J-55	302					
4 1/2	11.5	8rd	J-55	2050					
1 1/2	6.5	8rd	J-55	506					
2 3/8	4.7	8rd	J-55	7031					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	314	240	displacement		
4 1/2	7320	750	two plug		
2 3/8	7041				

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-water fraced with 71,000 gals. water, 60,000# sand, breakdown pr.- 1400						
Treating pr. - 2600, Avg. I.R. - 37.0 bpm, dropped 55 rubber ball sealers,						
flushed with 150 Mals. water, instant shut in- 1300, 5 min. shut in- 1100						

TOOLS USED

Rotary tools were used from 0 feet to 7320 feet, and from 0 feet to 7305 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. _____If gas well, cu. ft. per 24 hours AGP- 3209 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1023

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	85	85	surface
85	315	230	sand and shale
315	494	179	sand and shale
494	1005	511	sand and shale
1005	1311	306	shale
1311	1741	430	sand and shale
1741	2396	655	sand and shale
2396	2710	314	sand, shale, and coal
2710	3403	693	sand and shale
3403	3931	528	sand and shale
3931	4046	115	shale
4046	4395	349	sand and shale
4395	4589	194	sand and shale
4589	4800	211	sand and shale
4800	5002	202	sand and shale
5002	5137	135	sand and shale
5137	5544	407	sand and shale
5544	5597	53	sand and shale
5597	5672	75	sand and shale
5672	5749	77	shale
5749	5802	53	shale
5802	5955	153	sand and shale
5955	6044	89	sand and shale
6044	6080	36	sand and shale
6080	6195	115	shale

P. CLIFFS- 2620
CLIFF HEE- 4140
P. LOCKOUT- 850
GALLUP- 6240
GREENHORN- 6948
GRANEROS- 7006
DAKOTA- 7144

