

U. S. LAND OFFICE SF
SERIAL NUMBER 079478
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Gaddis Mining Company Address Suite 1500, Mile High Center
Denver, Colorado
Lessor or Tract Federal Tract Field Star Lake State New Mexico
Well No. 2-A-7 Sec. 7 T19N. R. 5W. Meridian N.M. P.M. County McKinley
Location 330 ft. XX of S Line and 330 ft. XX of E Line of Section Elevation 6637
(Derrick floor relative to 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.

Date September 6, 1960 Signed John K. Petty Title Consulting Geologist
The summary on this page is for the condition of the well at above date. Farmington, New Mexico
Commenced drilling 8-11-60 Finished drilling 8-24-60

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 561 to 612 No. 3, from 2065 to 2100
No. 2, from 1508 to 1512 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>24 1/2</u>	<u>96</u>	<u>Texas</u>	<u>No</u>					
<u>5 1/2</u>	<u>14</u>	<u>22 1/2</u>	<u>No</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>96</u>	<u>100</u>			
<u>5 1/2</u>	<u>22 1/2</u>	<u>150</u>			

PLUGS AND ADAPTERS

Heaving plug—Material Baker Length _____ Depth set 1900
Baker 2052
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 3150 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 28; 19 60 Put to producing P&A, 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 _____ 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	140	140	Shale, dk. gray, med. gray, very silty
140	185	45	Sand, lt. gray to white to lt. tan, fine calcareous, consolidated, tr. coal
185	520	335	Shale with sand stringers; sh. dk. gray
520	561	41	Sand, lt. gray to md. gray, sh. dk. gray
561	612	51	Sand, lt. gray
612	650	38	Shale, md. to dk. gray
650	695	45	Sand, lt. gray and shale, md. to dk. gray, coal
695	880	185	Sand, lt. gray and shale, md. to dk. gray, coal abundant
880	988	108	Sand, lt. gray and shale, md. to dk. gray, coal abundant
988	1007	19	Sand, w/shale streaks - coal abundant
1007	1030	23	Shale w/sand stringers
1030	1060	30	Sand, white & lt. gray, fine to med.
1060	1105	45	Shale w/sand stringers, tr. coal
1105	1120	15	Sand, lt. gray to white, tr. coal
1120	1240	120	Shale, dk. gray w/5' to 7' sd. stringers tr. coal
1240	1340	100	Sand, wh. to lt. gray w/shale streaks
1340	1370	30	Shale w/fine sd. streaks
1370	1405	35	Mostly lt. gray to wh. sand, porous & fluorescent
1405	1560	155	Shale, dk. gray, w/sand stringers tr. coal

FORMATION RECORD—Continued

