

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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
W. D. MITCHELL

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

Commenced drilling ----- 10-2, 19-47 Finished drilling ----- 10-21, 19-47

(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 _____

No. 1, from 1149 to 1176
No. 2, from 1218 to 1223
No. 3, from 1223 to 1246
No. 4, from 3528 to 3617

[illegible]

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7/8	323	100	WMC		
1 1/8	516	100			

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

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.

_____, 19____ Put to producing _____ 19____

The production for the first 24 hours was ~~450~~ barrels of fluid of which ~~100~~% 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 -----

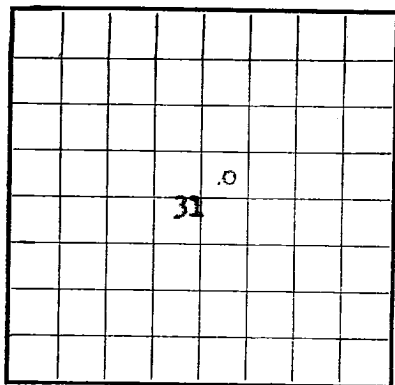
Rock pressure, lbs. per sq. in. _____ * through 3/4" diam. blasting holes on

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

FROM—	TO—	TOTAL FEET	FORMATION
30'	1114'	440	Shale with sandstone stringers
1110	1114'	300	Sandstone with shale stringers
1110	1140'	140	Shale
1108	1160'	37	Sandstone with shale stringers
1109'	1201'	312	Shale with sandstone partings
1212'	1220'	140	Sandstone with shale stringers
1220	1225'	20	Shale.
12170	1251'	207	Shale, sandy
12500	1255'	203	Shale with sandstone stringers
12330	1261'	121	Sandstone with shale stringers
<u>Below core:</u>			
	disturbed 11100	11100'	
	core	1312'	
	core	2011'	
	10. Lookout	3000'	
	quarry	3100'	
	1st village	3700'	
	2nd village	4500'	
	3rd village	4970'	

U. S. LAND OFFICE Santa FeSERIAL NUMBER 080238

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Oil & Gas Corporation Address Production Department P.O. Box 2407, Denver, Colorado
Lessor or Tract Calleguas Federal Field Unnamed State New Mexico
Well No. 1 Sec. 31 T. 27N R. 12E Meridian 111W County San Juan
Location 2310 ft. N. of 1/4 Line and 2310 ft. E. of 1/4 Line of Section Elevation 5872'
(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 W. D. MITCHELL ORIGINAL SIGNED BYDate 11-6-57 Title Area Production Superintendent

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

Commenced drilling 10-9, 1957 Finished drilling 10-13, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4082 to 4105 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 1157 to 1178 No. 3, from 2600 to 2716
No. 2, from 1212 to 1228 No. 4, from 3528 to 3607
2012 2103 3600 3800

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From--	To--	
<u>3-5/8</u>	<u>21</u>	<u>8</u>	<u>API</u>	<u>233</u>	<u>1140</u>	<u>Surface</u>	<u>1140</u>	<u>4082</u>	<u>Surface</u>
<u>5-1/2</u>	<u>11</u>	<u>8</u>	<u>API</u>	<u>1097</u>	<u>4082</u>	<u>4082</u>	<u>4082</u>	<u>4082</u>	<u>Production</u>
<u>3-3/8</u> <u>6.6</u> <u>8</u> <u>API</u> <u>1140</u> <u>1140</u> <u>4082</u> <u>4082</u> <u>4082</u> <u>4082</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-5/8</u>	<u>4082</u>	<u>950</u>	<u>None</u>		
<u>5-1/2</u>	<u>4082</u>	<u>135</u>	<u>-</u>		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>None</u>						

TOOLS USED

Rotary tools were used from surface feet to 5121 feet, and from _____ feet to _____ feet
Cable tools were used from for completion feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 11-1, 1957

The production for the first 24 hours was 400 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 32

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

Rock pressure, lbs. per sq. in. _____ * through 30/60" choke. Flowing pressure: Casing 650 psi, tubing 160 psi.

EMPLOYEES

Asaphos Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>303</u>	<u>1140</u>	<u>840</u>	<u>Shale with sandstone stringers</u>
<u>1140</u>	<u>1440</u>	<u>300</u>	<u>Sandstone with shale stringers</u>
<u>1440</u>	<u>1600</u>	<u>160</u>	<u>Shale</u>
<u>1608</u>	<u>1695</u>	<u>87</u>	<u>Sandstone with shale stringers</u>
<u>1695</u>	<u>2012</u>	<u>317</u>	<u>Shale with sandstone partings</u>
<u>2012</u>	<u>3800</u>	<u>1878</u>	<u>Sandstone with shale stringers</u>
<u>3800</u>	<u>4473</u>	<u>583</u>	<u>Shale.</u>
<u>4473</u>	<u>4580</u>	<u>107</u>	<u>Shale, sandy</u>
<u>4580</u>	<u>4933</u>	<u>353</u>	<u>Shale with sandstone stringers</u>
<u>4933</u>	<u>5114</u>	<u>181</u>	<u>Sandstone with shale stringers</u>
<u>Below logs:</u>			
	<u>Disturbed 11150</u>	<u>1155'</u>	
	<u>Louis</u>	<u>1318'</u>	
	<u>Navarro</u>	<u>2011'</u>	
	<u>St. Lookout</u>	<u>3680'</u>	
	<u>Mancos</u>	<u>3802'</u>	
	<u>1st Yellow</u>	<u>4750'</u>	
	<u>2nd Yellow</u>	<u>4869'</u>	
	<u>3rd Yellow</u>	<u>4970'</u>	

(OVER)

16-43094-4

FORMATION RECORD—Continued

