

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Compass Exploration, Inc. Address 101 University Blvd., Denver, Colo.

Lessor or Tract NW Lindrith Field Gallup Undesignated State New Mexico

Well No. 2-4 Sec. 4 T. 26N R. 7W Meridian NMPM County Rio Arriba

Location 1450 ft. N of N Line and 1750 ft. E of W Line of Section 4 Elevation 6648
(Derriek 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 March 5, 1963 Title Mgr. of Exploration & Prod.

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

Commenced drilling 10/3, 1962 Finished drilling 11/2, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from <u>7302</u> to <u>7322 (G)</u>	No. 4, from <u>6666</u> to <u>6672 (G)</u>
No. 2, from <u>7256</u> to <u>7264 (G)</u>	No. 5, from _____ to _____
No. 3, from <u>7160</u> to <u>7182 (G)</u>	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—	
<u>8-5/8</u>	<u>24</u>	<u>8 Rr</u>	<u>Used</u>	<u>256'</u>	<u>Guide</u>				<u>Surface</u>
<u>5-1/2</u>	<u>15.5#</u>	<u>8 Rr</u>	<u>New</u>	<u>7468.46</u>	<u>Guide</u>		<u>6666</u>	<u>7302</u>	<u>Production</u>
<u>1-1/2</u>	<u>2.75</u>	<u>10 Rr</u>	<u>New</u>	<u>7013</u>					<u>Tubing</u>
<u>2-1/16</u>	<u>3.25</u>	<u>10 Rr</u>	<u>New</u>	<u>6597.42</u>					<u>Tubing</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>242'</u>	<u>150 sxs</u>	<u>Displacement</u>		
<u>5-1/2</u>	<u>7479'</u>	<u>350 sxs</u>	<u>Displacement</u>		

PLUGS AND ADAPTERS

Heavy plug—Material DV Tool Length _____ Depth set 2950'

Adapters—Material Baker Model "D" Size set a 7010'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>Frac</u>	<u>1st stage (7302-7322)</u>	<u>with 40,000# sd</u>	<u>62,000 gals water</u>			
<u>Frac</u>	<u>2nd stage (7160-7264)</u>	<u>with 20,000# sd</u>	<u>32,000 gals water</u>			
<u>Frac</u>	<u>Gallup (6666-6672)</u>	<u>with 15,000# sd</u>	<u>25,200 gals oil</u>			

TOOLS USED

Rotary tools were used from Surface feet to 7475 (TD) feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing _____ Completed as shut-in gas well 12/8, 62

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 Dakota 4271 MCF CAOF

Rock pressure, lbs. per sq. in. 11,213 MCF CAOF

2485 Dakota Gallup

Huron Drilling Company, Inc. Driller _____, Driller

David Ashcock Driller (Toolpusher) _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2792'	2792'	Tertiary - Cretaceous undiff., sd & sh.
2792'	2890'	98'	Pictured Cliffs - sandstone
2890'	4500'	1610'	Lewis - shale w/some siltstone
4500'	5252'	752'	Mesaverde - sandstone, shale & coal
5252'	6172'	920'	Mancos - shale
6172'	6832'	660'	Gallup - sandstone, siltstone, shale
6832'	7045'	213'	Lower Mancos - shale
7045'	7104'	49'	Greenhorn - argillaceous limestone
7104'	7158'	54'	Graneros - shale
7158'	7475 (TD)	313	Dakota - sandstone, shale, some coal

FROM—

-01

TOTAL FEET

FORMATION

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Refer to Forms 9-331 A