

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
OPERATOR			

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Carbon Dioxide

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator
Ross Carbonics Inc.

3. Address of Operator
Box 476, Panhandle, Texas 79068

4. Location of Well
UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM
THE West LINE OF SEC. 14 TWP. 19N RGE. 30E NMPM

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
Hayoz

9. Well No.
#4

10. Field and Pool, or Wildcat
Bravo Dome

12. County
Harding

15. Date Spudded
10-28-85

16. Date T.D. Reached
11-3-85

17. Date Compl. (Ready to Prod.)
2-4-86

18. Elevations (DF, RKB, RT, GR, etc.)
4490 MSL

19. Elev. Casinghead

20. Total Depth
2110 2180

21. Plug Back T.D.

22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary only

24. Producing Interval(s), of this completion - Top, Bottom, Name
1992 to 1996; 2034 to 2039; 2060 to 2082.

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
Cement Bond, dual laterlog and compensated neutron-litho density

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>7"</u>	<u>26#</u>	<u>2165</u>	<u>8-3/4</u>	<u>Cement circulated 40 Bbl. ret.</u>	<u>500 Sacks</u>
					<u>Type F</u>

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
<u>2 7/8</u>	<u>1962</u>	<u>1962-1968</u>

31. Perforation Record (Interval, size and number)

Interval	Size	Number
<u>1992 to 1996</u>		
<u>2034 to 2039</u>	<u>1/2 inch</u>	
<u>2060 to 2082</u>	<u>2 per ft.</u>	<u>TUBB</u>

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>From top of top</u>	<u>Western Co. did formation break</u>
<u>perf. to bottom of</u>	<u>down with 23 T. liquid CO₂</u>
<u>bottom perforation</u>	<u>Used 150 balls-Treatment down</u>
	<u>tubing.</u>

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
<u>12-1-85</u>	<u>Flowing</u>	<u>Producing</u>

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>1-16-86</u>	<u>72 hrs.</u>	<u>3/4</u>			<u>651 MCFD</u>	<u>--</u>	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
<u>565</u>	<u>0</u>			<u>651 MCF</u>	<u>--</u>	<u>--</u>

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Carbon Dioxide Gas

Test Witnessed By
Bruce Mack

35. List of Attachments
Knock-out drum

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Ross Carbonics Inc.
SIGNED E. J. Rana TITLE President-Operator DATE 7-14-86

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

N/A

Northwestern New Mexico

N/A

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>N/A</u> _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>No fresh water show</u> _____ to _____	_____ feet
No. 2, from _____ to _____	_____ feet
No. 3, from _____ to _____	_____ feet
No. 4, from _____ to _____	_____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1270 Top			San Andres				
1330			Glorieta				
1502			Yesso				
1964			Cimmaron				
1986			Tubb				
2134			Top of Pre Cambrian				