

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
PHOENIX HYDROCARBONS OPERATING CORP.

3. Address
P. O. Box 3638, Midland, TX 79702

3a. Phone No. (include area code)
432-686-9869

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 720' FSL & 1305' FEL
At top prod. interval reported below
At total depth Same

5. Lease Serial No.
NMSF078476

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Federal J #1B

9. API Well No.
30-045-31815

10. Field and Pool, or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
0-Sec 11-27N-8W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
10-13-03

15. Date T.D. Reached
10-21-03

16. Date Completed
12-3-03
☐ D. & A. ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6654' GL

18. Total Depth: MD
TVD 5508'

19. Plug Back T.D.: MD
TVD 5472'

20. Depth Bridge Plug Set: MD
TVD --

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Density-Neutron-Induction Logs GR-CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	85/8J55	24#	surf	277'	277'	210sks Std.		surf	10 bbls
7-7/8"	4 1/2" J55	10.5#	surf	5486'	5486'	1045sks 50/50/B/poz		after squeeze	
								TOC 490' foamed/1930'	
								non-foamed	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
1-1/2"	5361'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	4987'	5455'	4987'-5455'	0.32	28	satisfactory
B) Mesaverde	4614'	4739'	4614'-4739'	0.32	22	satisfactory
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5023' (4 SPF)	squeeze 8.5 bbl std. cmt w/-4/10% Halad 322
4930' (4 SPF)	squeeze 700 sks 50/50/B/Poz
5299' -5455'	acid W/1512 Gal 15% HCL
4614' -5455'	Frac: 45,620 gal jelled 2% KCL wtr; 1145 MCF N ₂ ; 82,700# 20/40 Brady Sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/28/03	12/7/03	18	→	15	85	69	-	-	flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
--	SI 180	300	→	20	113	92	--	SI WO El Paso Sales Line	

ACCEPTED FOR RECORD

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

FARMINGTON FIELD OFFICE

(See instructions and spaces for additional data on reverse side)

NMOCD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented during test, SI waiting on El Paso sales line

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Nacimiento	Surf	1020'	Fresh usable water		
Ojo Alamo	1020'	2200'	Fresh water		
Kirkland	2200'	2950'			
Pictured Cliff	2950'	3070'	Gas		
Lewis	3070'	3920'			
Chacra	3920'	4620'	Gas		
Mesaverde	4620'	5508'	Gas		

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)

2. Geologic Report

3. DST Report

4. Directional Survey

5. Sundry Notice for plugging and cement verification

6. Core Analysis

7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Phyllis R. GunterTitle Agent

Signature

Phyllis R. GunterDate 12-10-03

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.