

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

FORM APPROVED
OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

NMSF-078476

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. 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 830' FNL & 1045' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

11-1-03

15. Date T.D. Reached

11-6-03

16. Date Completed

☐ D & A ☒ Ready to Prod.

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Federal R #1B

9. API Well No.

30-045-31870

10. Field and Pool, or Exploratory

Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area A-Sec 15, 27N, 8W

12. County or Parish

San Juan

13. State

NM

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

5960' GL

18. Total Depth: MD
TVD 4767'19. Plug Back T.D.: MD
TVD 4762'20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Density-Neutron-Induction-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	85/8 J-55	23#	Surf	234'	234'	210 sks	std cmt	Surf	15 bbls
7-7/8	4-1/2 J-55	10.5#	Surf	4762'	4762'	1015 sks	50/50 Poz	Surf	30 bbls

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"	4237'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pt. Lookout-Menefee	3843'	4747'	4592'-4376.5'	0.32	18	Satisfactory
B) Menefee	3843'	4486'	4294.5-4127.5	0.32	16	Satisfactory
C) Cliffhouse	3820'	3843'	3835' - 3824'	0.32	16	Satisfactory
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4592'-4127.5'	Acid: 24 bbls 15% HCL acid w/80bbls KCL wtr; Frac: 22,605 gal clean fluid; 60,159 lbs 20/40 Brady Sand + 404.5 MCF N ₂
3835'-3824'	Acid: 30 bbls 15% HCL acid w/60 bbls 2% KCL wtr; Frac: 326 bbls clean fluid 58,000 lbs 20/40 Brady Sand + 402.7 MCF N ₂

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
12-19-03	12-20-03	24	→	Trace	680	1.5	-	-	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1.25"	SI 195	415	→	Trace	680	1.5	-	-	SI W/O El Paso Hook-Up

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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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

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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 W/O El Paso Hook-Up

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
San Jose	Surf	171'	Fresh Water		
Nacimiento	171'	1257'	Fresh Usable Water		
Ojo Alamo	1257'	1418'	Fresh Water		
Kirtland	1418'	1899'	-		
Fruitland	1899'	2137'	Coal		
Picture Cliff	2137'	2251'	Gas		
Lewis	2251'	3040'	-		
Chacra	3040'	3820'	Gas		
Cliff House	3820'	3843'	Gas		
Menefee	3843'	4486'	Coal		
Pt. Lookout	4486'	4747'	Gas		
Mancas	4747'	4767'	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. Gunter Title AgentSignature Phyllis R. Gunter Date 12-23-03

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.