

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. Resvt. _____
Other _____

2. Name of Operator
Phoenix Hydrocarbons Operating Corp.

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

3a. Phone No. (include area code)
915-686-9869

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At surface 1850' FSL & 1850' FWL
At top prod. interval reported below
At total depth 1850' FSL & 1850' FWL

6. If Indian, Allottee or Tribe Name
Farmington, NM

7. Unit or CA Agreement Name and No.

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

9. API Well No.
30-045-30807

10. Field and Pool, or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
K Sec. 3, 127N, R8W

12. County or Parish
San Juan

13. State
NM

14. Date Spudded
9-2-02

15. Date T.D. Reached
9-9-02

16. Date Completed 12-2-02
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5844'

18. Total Depth: MD
TVD 4726'

19. Plug Back T.D.: MD
TVD 4666'

20. Depth Bridge Plug Set: MD
TVD

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

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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	23#	Surf	278'	280'	225 sx "B"	42	Surf CIRC	
7-7/8"	4-1/2"	10.5#	Surf	4724'	1040	1285 sx "B" foamed w/ Nitrogen	Foamed slurry Vol. 2169	900' TS	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	4640'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	3813'	4679'	4359-4517'	0.34	26	good
B)			3785-4236'	0.34	26	good
C)						
D)						

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

Depth Interval	Amount and Type of Material
4359'-4517'	Frac w/78,900 gal slick wtr, 85,700# 20/40 Brady Sand & 4700# 14/30 Flex Sand
3785'-4236'	Frac w/88,300 gal. slick wtr, 96,400# 20/40 Brady Sand & 5400# 14/30 Flex 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
	12/16/02	30 MIN	→	-	10.8	-	-	-	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
30/64	145	410	→	-	518	-	-	SHUT-IN PERMANENTLY	

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

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

NMOCD

ACCEPTED FOR RECORD
JAN 02 2003
FARMINGTON FIELD OFFICE
JH

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.)

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	1184'	(fresh usable water)	Chacra	3186'-3319' (7133')
Ojo Alamo	1184'	1303'	(fresh water)	Mesaverde	3873'-4679' (806)
Kirtland	1303'	1857'			
Fruitland	1857'	2085'	(coal)		
Pictured Cliffs	2085'	2202'	(Gas)		
Lewis	2202'	3017'			
Chacra	3017'	3769'	(gas)		
Cliff House	3769'	3791'	(gas)		
Menefee	3791'	4334'	(coal)		
Pt. Lookout	4334'	4716'	(gas)		
Mancos	4716'	4720'			

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. Gunter

Date

12-18-02

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.