

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Dry Other		6. If Indian, Allottee or Tribe Name							
b. Type of Completion <input checked="" type="checkbox"/> New <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resv.		Jicarilla Apache Tribe							
2. Name of Operator		7. Unit or CA Agreement Name and No.							
Black Hills Gas Resources, Inc. c/o Mike Pippin LDC (Agent)		8. Lease Name and Well No.							
3. Address		Jicarilla 458-05 No.22							
3104. N. Sullivan, Farmington, NM 87401		9. API Well No.							
3a. Phone No. (include area code)		30-039-29314							
505-327-4573		10. Field and Pool, or Exploratory							
4. Location of Well (Report locations clearly and in accordance with Federal requirements)*		WC Basin Mancos							
At surface 2230' FNL & 2175' FWL Unit F Sec. 5, T30N, R3W		11. Sec., T., R., M., or Block and Survey or Area							
At top prod. interval reported below		F 5 T30N R3W							
At total depth		12. County or Parish							
14. Date Spudded		Rio Arriba							
03/16/06		13. State							
15. Date T.D. Reached		NM							
04/06/06		17. Elevations (DF, RKB, RT, GL)*							
16. Date Completed		7271' GL & 7284' KB							
<input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.									
09/01/06									
18. Total Depth: MD 8891'		20. Depth Bridge Plug Set: MD							
TVD		TVD							
19. Plug Back T.D.: MD 8112'									
TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
INDUCTION, DENSITY/NEUTRON, CNL, CBL		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
		Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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"	9-5/8"	36# J-55	0'	301'		165, G	39	0' - circ	0'
8-3/4"	7"	23# J55, L80	0'	4025'		710, POZ	202	330' - CBL	0'
6-1/4"	4-1/2"	11.6# N80	3718'	8891'		510, III	162	3718' - circ	0'
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)	
2-3/8"	7255'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Mancos	6785'	8538'	8008-10, 7928-32, 7850-52, 7778-80, 7716-20		20	Open			
Mancos	6785'	8538'	7626-30, 7560-70, 7500-02, 7473-75, 7442-44, 7355-57		21	Open			
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and type of Material								
7716' - 8010'	Fraced w/79,329# tempered LC sand in 65Q CO2 in X-linked foam.								
7355' - 7630'	Fraced w/100,000# tempered LC in CO2 foam.								
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
Ready	09/01/06	5	→		215				Flowing
Choke Size	Tbg. Press Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2"	150		→		1,032			Shut In	
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)

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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.)

Vent

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
Mancos	6785'	8538'	GAS	San Jose Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliffhouse Menefee Point Lookout Mancos Dakota	surface 2287' 3346' 3537' 3763' 3916' 4023' 5906' 6125' 6251' 6785' 8538'

32. Additional remarks (include plugging procedure):

JICARILLA 458-05 #22 Mancos

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 | 5. Core Analysis | 7. Other: | |

36. 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) Mike Pippin 505-327-4573 Title Petroleum Engineer (Agent)

Signature *Mike Pippin* Date September 7, 2006

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.