

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Decipher ☐ Plug Back ☐ Diff. Test

Other

2. Name of Operator

3. Address

3a. Phone No. (include area code)

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2130' FNL ± 1755' FEL Unit G

At top prod. interval reported below

At total depth 1910' FNL ± 2155' FEL Unit G

14. Date Spudded

15. Date T.D. Reached

16. Date Completed

☐ D & A ☒ Ready to Prod.18. Total Depth: MD 5191
TVD 511319. Plug Back T.D.: MD 5188
TVD20. Depth Bridge Plug Set: MD
TVD

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.5	J-559	32.3	0	123'		326 SXS		0	
8.75	K-557	20	0	1985'		260 SXS		0	
6.25	J-554	11.6	1851'	5191'		160 SXS		1751' (CORRECTED)	

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	4988'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4056	4556	4056 - 4556	.330	58	PRODUCING
B) MESAVERDE	4616	4990	4616 - 4990	.330	56	PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
4056 - 4556	88,167# 16/30 Brady Sand 70% Quality Foam ± N2
4616 - 4990	87,213# 16/30 Brady Sand, 70% Quality Foam ± N2

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
6/13/03	6/16/03	12	→	1	2438	1			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4	0	375	→					Producing	

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)

NMOC

ARMINGTON FIELD OFFICE

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.)

Sold

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
				Fruitland Coal	2301
				Pictured Cliffs	2578
				Lewis Shale	2826
				Cliff House	4052
				Menefee	4367
				Point Lookout	4737
				Mancoos	5044

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)

Mary Corley

Title

Sr Regulatory Analyst

Signature

Mary Corley

Date

07.08.2003

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.

HUGHES A 4M
COMPLETION SUBSEQUENT REPORT
06/27/2003

05/29/2003 RU & run CBL log under 1000# pressure. Pressure test CSG to 4500# test ok. RU & Perf the Dakota with 3 SPF, 120° phasing as follows: .330 inch diameter, 20 Shots / 60 Holes

7532, 7527, 7504, 7491, 7485, 7469, 7460, 7455, 7437, 7431,
7424, 7417, 7407, 7401, 7359, 7353, 7347, 7340, 7333, 7327

05/30/2003 RU & Frac w/72,300# of 20/40 Resin Sand & Slickwater.

05/31/2003 ND BOP & Frac Valve. NU Flow back cross & BOP. SI Well.

06/02/2003 TIH & tag fill @ 7464'. C/O to 7480'. PU above perfs & flow back thru ¾" choke overnight.

06/03/2003 TIH & tag fill @ 7428'. C/O to PBD @ 7530'. PU above perfs, & SDFN.

06/04/2003 TIH & tag 0 fill. PU above perfs & flow back thru ¾" choke overnight.

06/05/2003 RU & flow test well for 12 hrs. thru ¾" choke. 420 MCFD gas, FCP 30#. Trace BBLS WTR, Trace Oil.

END OF DAKOTA COMPLETION.

BEGIN MESAVERDE COMPLETION.

06/06/2003 RU & TIH w/CIBP & set @ 5500'. RU & load hole w/2% KcL WTR. Pressure test CSG to 1500 psi. RU & perf Point Lookout & Menefee, 120° phasing as follows, .330 inch diameter, 3 JSPF 20 Shots / 60 Holes

5387, 5380, 5373, 5367, 5360, 5353, 5346, 5339, 5333, 5325,
5313, 5308, 5299, 5292, 5286, 5280, 5274, 5263, 5208, 5181

06/09/2003 RU & Frac w/91,994# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @, 5022'. RU & perf Menefee & Cliffhouse, 120° phasing as follows: .330 inch diameter, 3 JSPF 20 Shots / 60 Holes

4866, 4816, 4806, 4800, 4794, 4789, 4781, 4766, 4757, 4747,
4736, 4730, 4721, 4714, 4700, 4693, 4669, 4621, 4597, 4584

RU & Frac w/88,887# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Open well on ¼" choke & flow back for 8 hrs. Upsized choke to ½" flowed back overnight.

06/10/2003 Flowed back well thru ½" choke. @ 06:00 hrs upsized choke to ¾" & flowed back to pit overnight.

06/11/2003 Flowed back well thru $\frac{3}{4}$ " choke. TIH & tag 222' of fill'. C/O to CIBP set @ 5022'. PU above perms & flow back thru $\frac{3}{4}$ " choke overnight.

06/12/2003 Flowed back well thru $\frac{3}{4}$ " choke. TIH & tag fill @ 5010'. C/O to CIBP & mill out . TIH & tag fill @ 5444'. C/O to CIBP @ 5500'. PU above perms & prep well for flow test. Flow test well thru $\frac{3}{4}$ " choke for 12 hrs. 1400 MCFD gas, FCP 98#, Trace WTR, Trace oil.

06/13/2003 TIH & tag 12' of fill. C/O to CIBP set @ 5500'. DO CIBP. TIH & tag fill @ 7524'. C/O to PBTD @ 7530'. PU above perms & flow back thru $\frac{3}{4}$ " choke w/watchman.

06/16/2003 TIH & tag 3' of fill. Circ hole clean to PBTD. RU & flow well to pit..

06/17/2003 Flow well to pit. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 7487'. ND BOP. NUWH. Pull TBG plug. RDMOSU. Rig Release @ 14:00 hrs.