

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT MAY 22 2008

FORM APPROVED
OMB No 1004-0137
Expires: July 31, 2010

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 CHESAPEAKE OPERATING, INC. **Contact:** LINDA GOOD
E-Mail: linda.good@chk.com

3. Address P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 **3a. Phone No. (include area code)** 405-767-4275

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SESE 467FSL 660FEL
At top prod interval reported below SESE 467FSL 660FEL
At total depth SESE 467FSL 660FEL

5. Lease Serial No. NMNM97164

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

8. Lease Name and Well No. FEDERAL 4 24 29551

9. API Well No. 30-025-34104

10. Field and Pool, or Exploratory Wildcat San Andres

11. Sec., T., R., M., or Block and Survey or Area Sec 24 T20S R38E Mer NMP

12. County or Parish LEA **13. State** NM

14. Date Spudded 02/05/1998 **15. Date T.D. Reached** 02/21/1998 **16. Date Completed** 04/17/2008 ☐ D & A ☒ Ready to Prod.

17. Elevations (DF, KB, RT, GL)* 3567 GL

18. Total Depth: MD 7950 TVD **19. Plug Back T.D.:** MD 5045 TVD **20. Depth Bridge Plug Set:** MD 4498 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 analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4451							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	4326	4471	4617 TO 4744		174	CLOSED
B)			4326 TO 4565		144	CBP @ 4498
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4617 TO 4744	ACID & SAND FRAC W/2000 GAL 15% NEFE HCL - 38,094 GAL B FRAC 25 X-LINK GEL & 60,000# 20/40 BROWN SD
4326 TO 4565	ACID & SAND FRAC W/2000 GAL 15% NEFE HCL - FRAC W/30,870 GAL B FRAC 25 X-LINK GEL & 50,000# 20/40
4326 TO 4565	CONTD BROWN SAND - FLUSHED W/1638 GAL LINEAR GEL.

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
	04/17/2008	24	→	8.0	8.0	38.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	8	8	38			

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)

ELECTRONIC SUBMISSION #60196 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

ACCEPTED FOR RECORD

MAY 19 2008

J. Amos

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

32. Additional remarks (include plugging procedure):

WELLBORE SCHEMATIC ATTACHED.

(CHK PN 890129)

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):

Electronic Submission #60196 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING, INC., sent to the Hobbs

Name (please print) LINDA GOOD

Title REGULATORY COMPLIANCE SPEC.

Signature (Electronic Submission)

Date 05/08/2008

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **



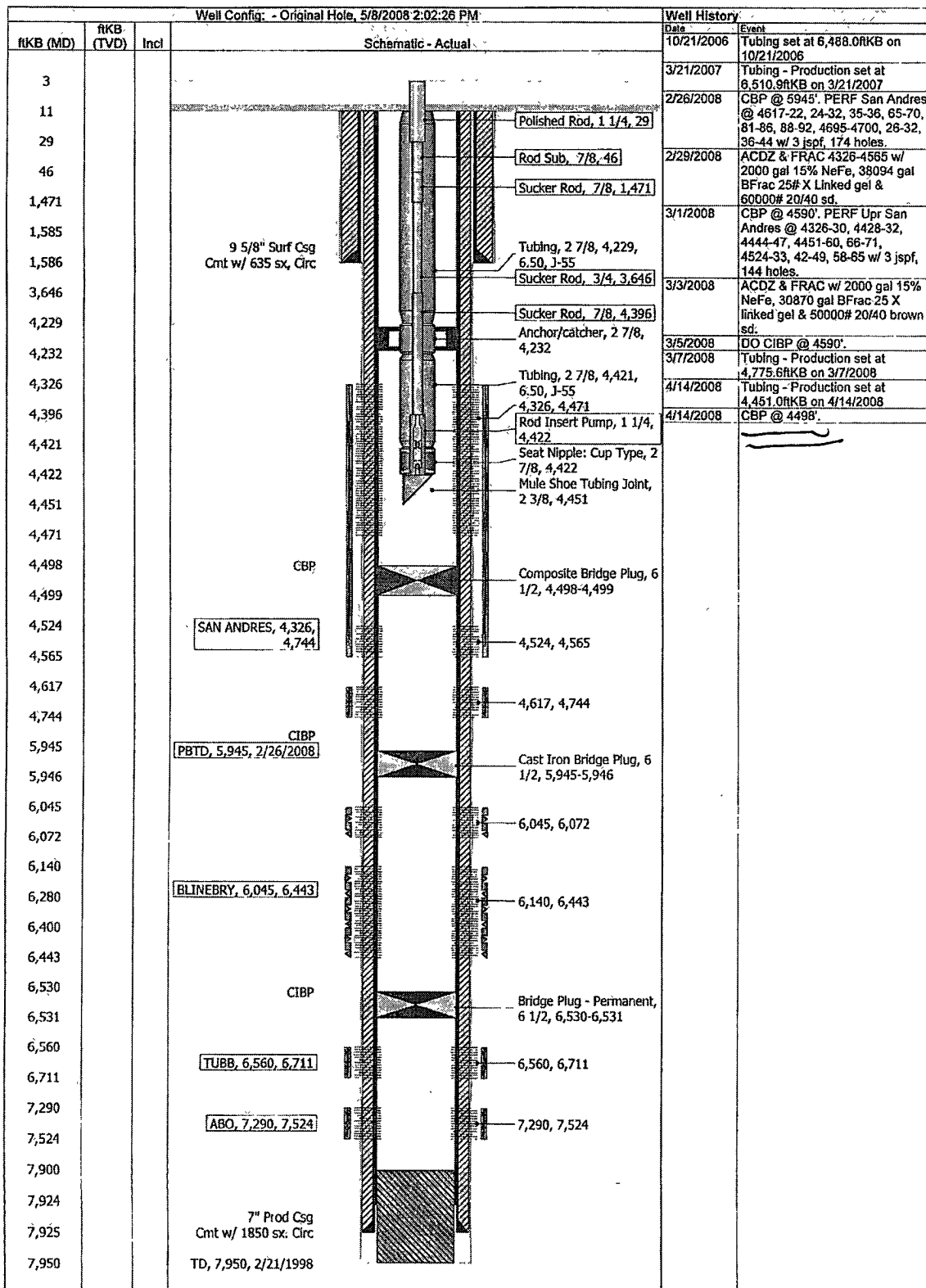
Current Wellbore Schematic with Survey Tracks

FEDERAL 4-24

Field: Blinbry
County: LEA
State: NEW MEXICO
Elevation: GL 3,567.00 KB 3,578.00
KB Height: 11.00

Location: SEC 24, 20S-38E, 467 FSL & 660 FEL

Spud Date: 2/5/1998
Initial Compl. Date:
API #: 3002534104
CHK Property #: 890129
1st Prod Date: 3/16/1998
PBD: Original Hole - 5945.0
TD: 7,950.0



REFERENCE SHEET FOR
UNDESIGNATED WELLS

	Fm	Pm	N	Pc
17-21 E	XX	XX		XX

paragraph

1. Date	6/3/2008
2. Type of Well:	
Oil:	XX Gas:
3. County:	LEA

4. Operator	CHESAPEAKE OPERATING INC		APN NUMBER	30 - 025 - 34104
5. Address of Operator	2010 RANKIN HWY MIDLAND TX 79701			
6. Lease name or Unit Agreement Name	FEDERAL 24		7. Well Number	# - 4
8. Well Location				
Unit Letter	P	467 feet from the	S line and	660 feet from the
Section	24	Township	20S	Range 38E
				E line

9. Completion Date	4/17/2008	11. Perfs	Top	Bottom	TD
			4326	4471	7950
10. Name of Producing Formation(s)	SAN ANDRES		12. Open Hole Casing shoe	Bottom	PBTD
					5945

13. C-123 Filed	Date	15. Name of Pool Requested or temporary Wildcat designation	Pool ID num
Y ☐ N ☒		WILDCAT G-01 S203824P;SAN ANDRES	97694
16. Remarks	NEW POOL		

TO BE COMPLETED BY DISTRICT GEOLOGIST	
17. Action taken	18. Pool Name
NEW POOL	HOUSE;SAN ANDRES, SOUTH
Pool ID num 97694	
T 20 S, R 38 E	
Sec 24: SE/4	

19. Advertised for HEARING	20. Case Number
21. Name of pool for which was advertised	Pool ID num
HOUSE;SAN ANDRES, SOUTH	97694
22. Placed in Pool	23. By order number
	R-