

RECEIVED

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 21 2008

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

BY: *[Signature]*Lease Serial No.
NMNM42269

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. NMNM72070	
2. Name of Operator CHESAPEAKE OPERATING INC Contact: LINDA GOOD E-Mail: linda.good@chk.com		8. Lease Name and Well No. EXXON FEDERAL COM 1	
3. Address P O BOX 18496 OKLAHOMA CITY, OK 73154-0496		9. API Well No. 30-005-60551-00-S2	
3a. Phone No. (include area code) Ph: 405.767.4275		10. Field and Pool, or Exploratory SAND RANCH	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW 1980FNL 660FWL At top prod interval reported below SWNW 1980FNL 660FWL At total depth SWNW 1980FNL 660FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 24 T10S R29E Mer NMP	
14. Date Spudded 04/15/1979		15. Date T.D. Reached 05/28/1979	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/13/2008		17. Elevations (DF, KB, RT, GL)* 3983 GL	
18. Total Depth: MD 9950 TVD 9950		19. Plug Back T.D.: MD 9250 TVD 9250	
20. Depth Bridge Plug Set: MD 9250 TVD 9250		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 analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

JUL 29 2008

OCD-ARTESIA

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
17.500	13.375 J-55	54.0	0	353		350		0	
11.000	8.625 J-55	32.0	0	2772		1200		0	
7.875	4.500 N-80	11.6	0	9950		1525		5050	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	9111							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) ATOKA	9102	9116	9102 TO 9116		54	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9102 TO 9116	ACID W/1500 GAL 7 1/2% HCL + 100 BALL SLRS -
9102 TO 9116	FRAC W/70Q FOAM CONTAINING 9330# 20/40 ECONPROP W/44 TON OF CO2 & 148 BBL 2% KCL

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
07/13/1980	07/13/2008	24	→	0.0	301.0	0.0			FLOWS FROM WELL
Choke Size	Tbg Press Flwg	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
0.046875	SI		→	0	301	0		PGW	

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

ACCEPTED FOR RECORD

[Signature]
JUL 15 2008

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

ELECTRONIC SUBMISSION #61428 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **
DAVID P. ELIAS
PETROLEUM ENGINEER

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 St	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 St	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
ATOKA	9102	9116		YATES SAN ANDRES GLORIETA TUBB ABO WOLFCAMP CISCO CANYON STRAWN ATOKA MISSISSIPPIAN	1327 2672 3954 5432 6285 7289 7946 8288 8682 8954 9470

32. Additional remarks (include plugging procedure):
WELLBORE SCHEMATIC ATTACHED.

(CHK PN 890385)

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 #61428 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING INC, sent to the Roswell
Committed to AFMSS for processing by LINDA ASKWIG on 07/15/2008 (08LA0311SE)

Name (please print) LINDA GOOD

Title REGULATORY COMPLIANCE SPEC.

Signature (Electronic Submission)

Date 07/15/2008

Title 18 U.S.C. Section 1001 and Title 44 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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

Revisions to Operator-Submitted EC Data for Well Completion #61428

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM12269	NMNM12269
Agreement:	NMNM72070	NMNM72070
Operator:	CHESAPEAKE OPERATING, INC. P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 Ph: 405-767-4275	CHESAPEAKE OPERATING INC P O BOX 18496 OKLAHOMA CITY, OK 73154-0496 Ph: 405.767.4275
Admin Contact:	LINDA GOOD REGULATORY COMPLIANCE SPEC. E-Mail: linda.good@chk.com Ph: 405.767 4275	LINDA GOOD REGULATORY COMPLIANCE SPEC. E-Mail: linda.good@chk.com Ph: 405.767.4275
Tech Contact:	LINDA GOOD REGULATORY COMPLIANCE SPEC. E-Mail: linda.good@chk.com Ph: 405.767.4275	LINDA GOOD REGULATORY COMPLIANCE SPEC E-Mail: linda.good@chk.com Ph: 405.767.4275
Well Name: Number:	EXXON FEDERAL COM 1	EXXON FEDERAL COM 1
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 24 T10S R29E Mer NMP SWNW 1980FNL 660FWL	NM CHAVES Sec 24 T10S R29E Mer NMP SWNW 1980FNL 660FWL
Field/Pool:	SAND RANCH	SAND RANCH
Logs Run:		
Producing Intervals - Formations:	ATOKA	ATOKA
Porous Zones:		ATOKA
Markers:		YATES SAN ANDRES GLORIETA TUBB ABO WOLFCAMP CISCO CANYON STRAWN ATOKA MISSISSIPPIAN

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-60551	² Pool Code 84840	³ Pool Name Sand Ranch; Atoka Gas
⁴ Property Code	⁵ Property Name Exxon Federal Com.	⁶ Well Number 1
⁷ OGRID No. 147179	⁸ Operator Name Chesapeake Operating, Inc.	⁹ Elevation 3983'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	10S	29E		1980'	North	660'	West	Chaves

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature Date 07/25/2008 Linda Good Printed Name
					¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief</i> Date of Survey Signature and Seal of Professional Surveyor Please refer to original plat. Certificate Number