

Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-025-36577 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER BACK RESVR. ☐ OTHER ☐		7. Lease Name or Unit Agreement Name New Mexico G State
2. Name of Operator Chesapeake Operating, Inc.		8. Well No. 36
3. Address of Operator P. O. Box 11050 Midland, TX 79702-8050		9. Pool name or Wildcat Arrowhead Grayburg Eumont; Yates 7 Rivers Queen (Oil)
4. Well Location Unit Letter G 1650 Feet From The North Line and 1650 Feet From The East Line Section 26 Township 21S Range 36E NMPM Lea County		
10. Date Spudded 07/19/2005	11. Date T.D. Reached 07/27/2005	12. Date Compl. (Ready to Prod.) 09/10/2005
13. Elevations (DF& RKB, RT, GR, etc.) 3556 GR		14. Elev. Casinghead
15. Total Depth 4050	16. Plug Back T.D. 4006	17. If Multiple Compl. How Many Zones? 5
18. Intervals Drilled By 0 - 4050		19. Producing Interval(s), of this completion - Top, Bottom, Name 2937-3119 Yates; 3356-468 Seven Rivers; 3649-58 Queen; 3741-62 Penrose; 3809-74 Grayburg
20. Was Directional Survey Made No		21. Type Electric and Other Logs Run CBL/CCL/GR
22. Was Well Cored No		23. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
8 5/8"	24#	363'
5 1/2"	15.5#	4050'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	SIZE
		2 7/8"
		3894'
26. Perforation record (interval, size, and number) 3809-74 w/2 spf Grayburg; 3741 - 3762 Penrose; 3649 - 3658 Queen; 3356 - 468 2 spf Seven Rivers; 2937 - 3119' Yates 2 spf.		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
		DEPTH INTERVAL
		AMOUNT AND KIND MATERIAL USED
		3870 - 3658
		6636 gals 15% NeFe + 150 BS
		3649 - 3658
		1500 gal 15% neFe + 25 BS
		3649 - 3874
		Frac - see detail attached
28 PRODUCTION		
Date First Production 09/14/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2" x 1 1/2" x 20 RWBC pump
Well Status (Prod. or Shut-in) producing		
Date of Test 09/21/2005	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 25	Gas - MCF 55
Water - Bbl. 21	Gas - Oil Ratio 2200	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
		Oil - Bbl. 25
		Gas - MCF 55
		Water - Bbl. 21
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By
30. List Attachments Logs, C-104, C-102, Inclination Report		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature <i>Brenda Coffman</i>		Printed Name Brenda Coffman
E-mail Address bcoffinan@chkenergy.com		Title Regulatory Analyst
		Date 09/23/2005

Chesapeake Energy, Inc.
P. O. Box 11050
Midland, TX 79702-8050

September 23, 2005

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Form C-105

New Mexico G State #36

Item #27:

3649 – 3874: Frac w/48,000 gal 25# linear gel + 103,000# 16/30 Brown Sand
3356 – 3468: Acidize w/1000 gals 15% NeFe + 14 BS + 2,000 gals 15% NeFe + 25 BS
Frac w/32,424 gals 25# linear gel w/45,863# 16/30 Brady sand.
2937 – 3119: Acidize w/1000 gals 15% NeFe w/15 BS Frac w/17,346 gals 25# linear gel
w/23,564# 16/30 Brown sand



INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2932	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3210	T. Devonian	T. Menefee	T. Madison
T. Queen 3588	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 3766	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

**OIL OR GAS
SANDS OR ZONES**

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	1404	1400	Redbeds				
1404	3210	1806	Anhydrite, dolomite & shale				
3210	3766	556	Dolomite & anhydrite				