

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. 30-025-37489 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 ☐		7. Lease Name or Unit Agreement Name R E Cole
b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER		
2. Name of Operator Chesapeake Operating Inc.		8. Well No. 4
3. Address of Operator P. O. Box 11050 Midland, TX 79702-8050		9. Pool name or Wildcat Penrose Skelly, Grayburg 50350
4. Well Location Unit Letter <u>N</u> <u>460</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>22S</u> Range <u>37E</u> NMPM Lea County		
10. Date Spudded 12/02/2005	11. Date T.D. Reached 12/10/2005	12. Date Compl. (Ready to Prod.) 01/25/2006
13. Elevations (DF& RKB, RT, GR, etc.) 3375 GR		14. Elev. Casinghead
15. Total Depth 4504	16. Plug Back T.D. 4457	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		Rotary Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3648 - 3803 Grayburg		20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run GR/CBL/CCL		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#	360
5 1/2	15.5#	4504
HOLE SIZE		CEMENTING RECORD
12 1/4"		227sx CI C
7 7/8"		815 sx CI C
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
		SACKS CEMENT
		SCREEN
		SIZE
		DEPTH SET
		PACKER SET
26. Perforation record (interval, size, and number) 4000 - 4100 (200 holes) 3656 - 3662 (12 holes) 3956 - 3962 (12 holes) 3648 - 3803 2 spf (156 holes)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3930 3648 - 3803 AMOUNT AND KIND MATERIAL USED CIBP + 20' cmt 5000 gals 15% NeFe acid + 240 BS+27000 gals Dyna-Frac
28. PRODUCTION		
Date First Production 01/13/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) 1 1/2 x 8' GA, 2 1/2 x 1 1/2 x 20' RHBC
Well Status (Prod. or Shut-in) Producing		
Date of Test 04/30/2006	Hours Tested 24	Choke Size 26
Prod'n For Test Period	Oil - Bbl 56	Gas - MCF 125
Water - Bbl 166	Gas - Oil Ratio 2232	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
		Oil - Bbl 56
		Gas - MCF 125
		Water - Bbl 125
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By
30. List Attachments Logs, C-104, Inclination, C102		
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 <u>Brenda Coffman</u>		Printed Name Brenda Coffman
E-mail Address bcoffman@chkenergy.com		Title Regulatory Analyst
		Date 07/20/2006

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Southeastern New Mexico	Northwestern New Mexico
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OIL OR GAS

No. 1, from.....to..... No. 3, from.....to.....

No. 1, from.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

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.....

From	To	Thickness	Lithology	From	To	Thickness	Lithology
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From	To	Thickness In Feet	Lithology
0	1112	1112	Sh/Sd
1112	2565	1453	Anhy/Salt/Dolo
2565	3344	779	Sd/Anhy/Dolo
3344	3453	109	Sd/Silt/Anhy
3453	3612	159	Sd/Silt/Dolo
3612	3912	300	Dolo w/minor sd
3912	4504	592	Dolo