

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. 30-025-36866 5. Indicate Type of Lease STATE ☒ FEE ☒ State Oil & Gas Lease No.
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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 ☐ 2. Name of Operator Chesapeake Operating, Inc. 3. Address of Operator P. O. Box 11050 Midland, TX 79702-8050 4. Well Location Unit Letter D : 523 Feet From The North Line and 841 Feet From The West Line Section 20 Township 16S Range 36E NMPM Lea County	7. Lease Name or Unit Agreement Name Ruth 20 8. Well No. 002 9. Pool name or Wildcat Lovington; Upper Penn, West

10. Date Spudded 10/02/2004	11. Date T.D. Reached 10/30/2004	12. Date Compl. (Ready to Prod.) 12/15/2004	13. Elevations (DF& RKB, RT, GR, etc.) 3940 GR	14. Elev. Casinghead
15. Total Depth 11700	16. Plug Back T.D. 11560	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By 0 - 11700	Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 11460 - 11518 Strawn				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run GR/CCL/CBL/VDL			22. Was Well Cored no	

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	448'	17 1/2"	450' sx Cl. C	
8 5/8"	32#	4350'	11"	1600' sx Poz C	
5 1/2"	17#	11700'	7 7/8"	1600' sx ClH&Poz H	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 7/8"	11548				

26. Perforation record (interval, size, and number) 11,460 - 11,490' 4 jsfp (121 holes) 11,500 - 11,518' 4 jsfp (73 holes)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:40%;">DEPTH INTERVAL</th> <th style="width:60%;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>11460 - 11490</td> <td>3000 gals 15% hCL + 180 BS</td> </tr> <tr> <td>11500 - 11518</td> <td>2000 gals 15% neFe HCL + 10000</td> </tr> <tr> <td></td> <td>gals 20% Ultragel</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	11460 - 11490	3000 gals 15% hCL + 180 BS	11500 - 11518	2000 gals 15% neFe HCL + 10000		gals 20% Ultragel
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	gals 20% Ultragel										

28. PRODUCTION							
Date First Production 12/19/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) pumping			Well Status (Prod. or Shut-in) producing		
Date of Test 02/14/2005	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 26	Gas - MCF 247	Water - Bbl. 78	Gas - Oil Ratio 950
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 26	Gas - MCF 247	Water - Bbl. 78	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
30. List Attachments Logs, C-104, Deviation 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	Printed Name Brenda Coffman	Title Regulatory Analyst	Date 02/16/2005
E-mail Address bcoffman@chkenergy.com			

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 11416	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3195	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3493	T. Devonian	T. Menefee	T. Madison
T. Queen 4111	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 4531	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4871	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 6326	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb 7562	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 8292	T.	T. Wingate	T.
T. Wolfcamp 9628	T.	T. Chinle	T.
T. Penn 10988	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	2012	2012	Redbeds				
2012	3195	1183	Anhy/Salt				
3195	4531	1336	Sd, Anhy, salt, dolo				
4531	6326	1795	Dolo, Anhy				
6326	8292	1966	Dolo/sd/sh/anhy				
8292	9628	1336	Dolo/anhy				
9628	10988	1360	Lm				
10988	11416	428	shale				
11416	11700	284	Lm				