

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.	
30-025-35625	
5. Indicate Type of Lease	
STATE ☐	FEE ☒
6. 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 Buchanan 5
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐	
2. Name of Operator Chesapeake Operating, Inc.	8. Well No. 1
3. Address of Operator P.O. Box 18496, Okla. City, OK 73154-0496	9. Pool name or Wildcat Shipp Strawn

4. Well Location Unit Letter G: 2365 Feet From The N Line and 1641 Feet From The E Line

Section 5 Township 17S Range 37E NMPM Lea County

10. Date Spudded 07/17/01	11. Date T.D. Reached 08/13/01	12. Date Compl. (Ready to Prod.) 08/23/01	13. Elevations (DF& RKB, RT, GR, etc.) GR: 3790'	14. Elev. Casinghead
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15. Total Depth 11,325'	16. Plug Back T.D. 11,262'	17. If Multiple Compl. How Many Zones? NA	18. Intervals Drilled By O-TD	Rotary Tools	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name 10940-10963.5' Strawn	20. Was Directional Survey Made Yes
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21. Type Electric and Other Logs Run High Resolution Ind. Log; SDDSNGR Microlog; Long Spaced Sonic Log;	22. Was Well Cored No
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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#	498'	17-1/2"	550 sx cl. C	
8-5/8"	32#	4,220'	11"	1550 Sx Cl. C	
5-1/2"	17#	11,325'	7-7/8"	550 1st Stg	
				730 2nd Stg	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NA					2-7/8"	11,853'	10,853'

26. Perforation record (interval, size, and number) 10940'-10963.5' 4 spf	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.								
	<table border="1"> <thead> <tr> <th data-bbox="776 1483 1088 1487">DEPTH INTERVAL</th> <th data-bbox="1088 1483 1516 1487">AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td data-bbox="776 1487 1088 1491"></td> <td data-bbox="1088 1487 1516 1491">250 bbl KCL</td> </tr> <tr> <td data-bbox="776 1491 1088 1498"></td> <td data-bbox="1088 1491 1516 1498"></td> </tr> <tr> <td data-bbox="776 1498 1088 1502"></td> <td data-bbox="1088 1498 1516 1502"></td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		250 bbl KCL				
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	250 bbl KCL								

PRODUCTION

Date First Production 08/23/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 08/23/01	Hours Tested 24	Choke Size 24/64"	Prod'n For Test Period	Oil - Bbl 252	Gas - MCF 320	Water - Bbl 43	Gas - Oil Ratio 1270
Flow Tubing Press. 270	Casing Pressure 0	Calculated 24- Hour Rate	Oil - Bbl 252	Gas - MCF 320	Water - Bbl 43	Oil Gravity - API - (Corr.) 44.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Jimmy Hayes
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30. List Attachments
C-104, C-103, Logs, Inclination Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  Printed Name Dung D. Vu Title Asset Manager Date 08/24/01

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

Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
Salt	T. Strawn 10,882	T. Kirtland-Fruitland	T. Penn. "C"
Salt	T. Atoka 11,042	T. Pictured Cliffs	T. Penn. "D"
Yates	T. Miss	T. Cliff House	T. Leadville
7 Rivers	T. Devonian	T. Menefee	T. Madison
Queen	T. Silurian	T. Point Lookout	T. Elbert
Grayburg	T. Montoya	T. Mancos	T. McCracken
San Andres 4750	T. Simpson	T. Gallup	T. Ignacio Otzte
Glorieta 6162	T. McKee	Base Greenhorn	T. Granite
Paddock 6348	T. Ellenburger	T. Dakota	T.
Blaine	T. Gr. Wash	T. Morrison	T.
Tubb 6896	T. Delaware Sand	T. Todilto	T.
Drinkard	T. Bone Springs	T. Entrada	T.
Abo 7902	T.	T. Wingate	T.
Wolfcamp 8444	T.	T. Chinle	T.
Penn 10620	T.	T. Permian	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
4360	4650		Anhydrite & Dolomite				
4650	8460		Dolomite				
8460	8990		Limestone & Dolomite				
8990	10530		Dolomite & Limestone				
10530	10700		Limestone & Shale				
10700	10882		Shale & Limestone				
10882	11042		Limestone				
11042	TD		Shale				

RECEIVED
 Hobbs
 OCT