

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Arizos 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 July 17, 2008								
		1. WELL API NO. 30-015-37375								
		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN								
		3. State Oil & Gas Lease No.								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		5. Lease Name or Unit Agreement Name PLU PIERCE CANYON 16 ST								
		6. Well Number: 1H								
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Chesapeake Operating, Inc.		9. OGRID. 147179								
10. Address of Operator: P.O. Box 18496 Oklahoma City, OK 73154		11. Pool name or Wildcat WILDCAT; BONE SPRING								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	16	25S	30E		330'	S	330'	E	EDDY
BH:	A	16	25S	30E		357'	N	867'	E	EDDY
13. Date Spudded 04/22/2011	14. Date T.D. Reached 05/16/2011	15. Date Rig Released 05/18/2011		16. Date Completed (Ready to Produce) 06/27/2011		17. Elevations (DD' and RKB, RT, GR, etc.) 3289' GR				
18. Total Measured Depth of Well 12992'		19. Plug Back Measured Depth 12992'		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run Mud Log				
22. Producing Interval(s), of this completion - Top, Bottom, Name 8450'-12972': Bone Spring										
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		1072'		17 1/2"		343 sxs		
8 5/8"		32		3881'		11"		1300 sxs		
5 1/2"		23		12992'		8 3/4"		2110 sxs		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET	PACKER SET	
							2 7/8"	7817'	7826'	
26. Perforation record (interval, size, and number) 8450'-12972'; 4 spl, 480 shots total.										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED				
8450'-12972'						4,259,220 gals fresh water				
						4,895,232 lbs. sand;				
						61,532 gals 15% HCL				
28. PRODUCTION										
Date First Production 07/21/2011		Production Method (Flowing, gas lift, pumping - Size and type pump) Sub-Pump					Well Status (Prod. or Shut-In) Prod.			
Date of Test 09/02/2011	Hours Tested 24	Choke Size 30/64	Prod'n For Test Period	Oil - Bbl 330	Gas - MCF 2528	Water - Bbl. 1090	Gas - Oil Ratio			
Flow Tubing Press. 960	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 330	Gas - MCF 2528	Water - Bbl. 2528	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By			
31. List Attachments C-104; Well-bore Schematic; Directional Surveys; Electric Logs, Conf. Request										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
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 <i>Bryan Arrant</i> Latitude _____ Longitude _____ NAD 1927 1983 Printed Name Bryan Arrant Title Sr. Regulatory Compl. Sp. Date 10/5/2011 E-mail Address bryan.arrant@chk.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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 988'	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1315'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3869'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzie
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 7680'	T. Todillo	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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.....feel.....

No. 3, from to feet.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

PLU Pierce Canyon 16 #1H
 330' FSL & 330' FEL
 Section 16, T-25-S, R-30-E
 30015373750000

TOP	DEPTH
Rustler	988
Top of Salt	1315
Base of Salt	3869
Bell Canyon	4001
Cherry Canyon	4842
Brushy Canyon	6041
First Bone Spring Carbonate	7680
First Bone Spring Sand	8625
Second Bone Spring Carbonate	9078
Third Bone Spring Carbonate	9786

Lithology

From	To	
1310	3870	Anhydrite and Salt
3870	4730	Sand and Shale with minor Limestone
4730	5080	Sand with some Limestone and Shale
5080	7680	Sand and Shale with minor Limestone
7680	8620	Limestone and shale with minor Sands
8620	9070	Sand with some Limestone and Shale
9070	TD	Limestone and shale with minor Sands