

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87501

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

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MAR 08 2010

HOBBSOCD

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,
PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Chesapeake Operating, Inc. P.O. Box 18496 Oklahoma City, OK 73154-0496		² OGRID Number 147179
		³ API Number 30 -025-35937
³ Property Code 35626	⁵ Property Name Trinity Burrus Abo Unit	⁶ Well No. 6
⁹ Proposed Pool 1 Trinity; Wolfcamp		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. N	Section 22	Township 12S	Range 38E	Lot Idn	Feet from the 330'	North/South South	Feet from the 2310'	East/West line West	County Lca
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code R	¹² Well Type Code I	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3801'
¹⁶ Multiple No	¹⁷ Proposed Depth 9254'/PBTD-9220'	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program Actual cementing and casing as ran

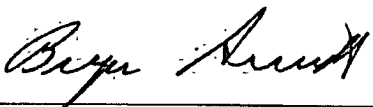
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	417'	375 sxs	Surface
11"	8 5/8"	32#	4505'	1050 sxs	1320'
7 7/8"	5 1/2"	17#	9254'	954 sxs	2440'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Please find the work-over program, actual and proposed well bore schematic, NMOCD's C-102 & C-144 (CLEZ) pit permit.

Authority to inject is pending approval in Santa Fe for expansion of an existing project, WFX application R-12496.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Re-complete

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: Bryan Arrant		Title: PETROLEUM ENGINEER	
Title: Senior Regulatory Compl. Sp.		Approval Date: MAR 30 2010	Expiration Date:
E-mail Address: bryan.arrant@chk.com			
Date: 03/05/2010	Phone: 405-935-3782	Conditions of Approval Attached ☐	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office
AMENDED REPORT

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-35937		² Pool Code 59890	³ Pool Name Trinity; Wolfcamp	
⁴ Property Code 35626	⁵ Property Name Trinity Burrus Abo Unit		⁶ Well Number 6	
⁷ OGRID No. 147179	⁸ Operator Name Chesapeake Operating, Inc.		⁹ Elevation 3801' GR	

¹⁰ Surface Location

UL or lot no. N	Section 22	Township 12S	Range 38E	Lot Idn	Feet from the 330'	North/South line South	Feet from the 2310'	East/West line West	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres					¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. Expansion of WFX R-12496 Pending

WFX-862

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Bryan Arrant</i> 03/05/2010 Signature Date Bryan Arrant Printed Name ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Please refer to original plat Certificate Number

2310' FWL

330' FSL

TBAU #6
SEC 22, 12S-38E, 330 FSL & 2310 FWL
Lea, NM
API #3002535937
CHK Prop #890681
1/12/10

Convert to Injector

Workover Justification

The TBAU #6 will provide additional injection support to the active waterflood.

Well Data

Tubing: 2-7/8" 6.5# N-80 @ 9,163'
Casing: 5-1/2" 17# N-80 @ 9,254'
TD: 9,254'
PBTD: 9,220' (Original Hole)
Elevation: 3,819' KB 3,801' GL
WI / NRI (%): 65.58 / 50.70

TAC: 8,833'
SN: 9,163'
Mud Anchor: 9,164' – 9,196'

Open Perforations:

Wolfcamp 9,035' – 9,087' w/ 2 SPF (52' Gross Interval)

Procedure

1. Prepare location. Test anchors and clean area for workover.
2. MURU PU. ND WH. NU BOP. TOH & LD rod string and pump.
3. Release TAC set @ 8,833'. TOH & LD 2-7/8" 6.5# N-80 production tubing. (Run bit & scraper if deemed necessary)
4. RU hydrotesters. PU 2-3/8" pump out plug, 1.43" SS F-nipple w/ 1.385" No-Go, 2-3/8" N-80 IPC sub, 2-3/8" X 5-1/2" lock-set injection packer, on/off tool w/ 1.5" SS F-nipple & 2-3/8" N-80 IPC tbg. TIH while hydrotesting & set injection packer 50' from the top perforation @ 9,035'. RD hydrotesters.
5. Release on/off tool. Load hole w/ packer fluid. (Approx. 200 bbl). Latch on/off tool. Pressure up on casing to ensure integrity for OCD. Pressure up on tubing to pump out plug.
6. RU acid crew. Pump 5000 gal 15% HCL job on Wolfcamp perforations from 9,035' – 9,087'. Displace acid w/ tubing volume of KCL water (Approx. 35 bbl).
7. ND BOP. NU WH. RDMO PU. Clean location & begin injection.

Contacts

Completion Foreman:	??
Completion Superintendent:	Mark Mabe (432) 556-6067
Production Foreman:	Steve Serna (575) 390-9053
Production Superintendent:	Curtis Blake (575) 631-9936
Production Engineer:	Shannon Glancy (405) 935-8109
Asset Manager:	Jeff Finnell (405) 935-4347



Proposal - Workover

TBAU 6

Field: TRINITY WOLF CAMP
County: LEA
State: NEW MEXICO
Location: SEC 22, 12S-38E, 330 FSL & 2310 FWL
Elevation: GL 3,801.00 KB 3,819.00
KB Height: 18.00

Spud Date: 7/13/2002
Initial Compl. Date:
API #: 3002535937
CHK Property #: 890681
1st Prod Date: 8/31/2002
PBTD: Original Hole - 9220.0
TD: 9,254.0

