

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OCD Artesia

FORM APROVED OMB NO. 1004-0135

EXPIRES: July 31, 2010 5. Lease Serial No.

o not use this form for proposals to drill or to re-enter an andoned well.  Use Form 3160-3 (APD) for such proposa	S AND REPORTS ON WELLS
andoned well. Use Form 3160-3 (APD) for such proposa	proposals to drill or to re-enter an
and oned went eser only stoo-e (ALD) for such proposal	rm 3160-3 (APD) for such proposals

SUNDRY NO	OTICES AND REPORTS	ON WELLS	NM99039; NM005470C
	rm for proposals to dril Ise Form 3160-3 (APD) i		6. If Indian, Allottee or Tribe Name
SUBMIT IN T	RIPLICATE - Other instructio	ns on page 2.	7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well  Oil Well	Gas Well	Other	8. Well Name and No.  Cappella 14 Fed Com 2H
2. Name of Operator			9. API Well No.
	N ENERGY PRODUCTION COMPA	<del>, '</del>	30-015-39413
3a. Address 333 WEST SHERIDAN, OKLAHON	MA CITY OK 73102	3b. Phone No. (include area code) 405-235-3611	10. Field and Pool, or Exploratory  Lusk; Bone Spring West
4. Location of Well (Footage, Sec., T.,R.,M., o		100 200 0011	11. County or Parish, State
330 FNL 2490 FEL 352 FSL 1639 FEL		B 14 T19S R31E PP:330 FNL & 2490 FEL	Eddy , NM
12. CHE	CK APPROPRIATE BOX(ES)	TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF A	CTION
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Production Fracture Treat Reclamatic New Construction Recomplet	
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Temporary Plug Back Water Dis	
	NU frac valve. Eight stage fra	c and acidize/stimulate from 9700 - 14	ACCEPTED FOR RECORD
	144000		BUREAU OF LAND MANAGEMENT
14. I hereby certify that the foregoing is true and on Name ( <i>Printed/Typed</i> )	correct.		CARLSBAD FIELD OFFICE
Judy A. Ba	rnett x8699	Title	Regulatory Specialist
Signature Jours C	Samuel	Date	6/4/2013
	THIS SPACE FO	R FEDERAL OR STATE OFF	ICE USE
Approved by		Title	Date
Conditions of approval, if any, are attached. A that the applicant holds legal or equitable title			Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction.

entitle the applicant to conduct operations thereon.

## CAPELLA 14 FED COM 2H

WEST UNRESTRICTED

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Stimulations Summary

289,925.1 5134.00 2,740.0 2,936.0 3,224.0 5,406.0 80 6,466.0 80 44  HYDRAULIC FRAC: 2/27/2013 07.34 BONE SPRING OH 12,025.0 ftKB 12,419.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 224775 LB; SU  Proprint De Total Clean Volu Pre Trt S/I Prs (psi) 1,963.0 2,936.0 2,936.0 2,936.0 2,936.0 2,936.0 2,936.0 3,003.0 5,250.0 80 6,466.0 80 6,466.0 80 6  HYDRAULIC FRAC: 2/27/2013 10.52 BONE SPRING OH 14,444.0 ftKB 11,838.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 225152.2 BS  Proprint De Total Clean Volu Pre Trt S/I Prs (psi) 2,987.0 2,987.0 3,093.0 5,889.0 5,889.0 5,398.0 80 6,380 6  HYDRAULIC FRAC: 2/27/2013 14:03, BONE SPRING OH; 10;862/0 ftKB 11,249.0 ftKB, BAKER HUGHES OTTAWA Bulk Sand 225152.2 BS  HYDRAULIC FRAC: 2/27/2013 14:03, BONE SPRING OH; 10;862/0 ftKB 11,249.0 ftKB, BAKER HUGHES OTTAWA Bulk Sand 224406.2 LB; Proprint De Total Clean Volu Pre Trt S/I Prs (psi) Ps Trt S/I P
Surface Legal Location   SEC14 T19S R31E   3001539413   30153941
SEC14 T19S R31E   3001539413   32° 40' 0.621" N   103° 50' 22.284" W   3,560.60   20.00   3,580.60
HYDRAULIC FRAC; 2/26/2013 06:31 BONE; SPRING; OH 13,769.0 ftKB 14,158.0 ftKB; BAKER HUGHES; OTTAWA Bulk Sand 224979.9 LB; SProppant De Total Clean Volu Pre Trt S/I Prs (psi) 2,534.0 Conc No. 269,925.1 5906.90 245.0 2,534.0 Conc No. 2687.0 6,947.0 77 7,652.0 81 2  HYDRAULIC FRAC; 2/26/2013 12:05 BONE; SPRING; OH 13,187.0 ftKB; 13,577.0 ftKB; BAKER; HUGHES; OTTAWA Bulk Sand 225064.2 LB; SProppant De Total Clean Volu Pre Trt S/I Prs (psi) 2,731.0 Conc No. 299,925.1 5185.80 2,225.0 2,731.0 2,945.0 2,945.0 5,406.0 80 6,327.0 81 2  Proppant De Total Clean Volu Pre Trt S/I Prs (psi) P Break (psi) 15IP (psi) 3,224.0 5,406.0 80 6,46
Proposit De.   Total Clean Volu.   Pre Trt S/I Prs (psi)   245 0   2,534 0   2,534 0   2,534 0   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0   2,687 0   2,687 0   6,947 0   77   7,652 0   81   2   2,687 0
Proposition
289,925.1   5906.90   245.0   2,534.0   2,687.0   6,947.0   77   7,652.0   81   44440   1444.0   144
HYDRAULIC   FRAC   2/26/2013   12:01   BONE SPRING   OH   13:1870   ftKB   13:577   0ftKB   BAKER   HUGHES   OTTAWA   BUIK   Saind   225064   2   LB   S   Proppant   De.   Total Clean Volu   Pre Trt S/I Prs (psi)   2,225.0   2,731.0   Pst Trt S/I Prs (psi)   2,945.0   2,945.0   5,406.0   80   6,327.0   Rat   Max (bbl/   Conc   Nav
Proposition
289,925.1 5185.80 2,225.0 2,731.0 2,945.0 5,406.0 80 6,327.0 81 44410 ftKB 12,3419.0 ftKB 12,3419.0 ftKB 13,3420 6,466.0 80 6,466.0
HYDRAULIC FRAC . 2/26/2013 18:05 BONE SPRING OH . 12,606:0 ftKB 12,996.0 ftKB BAKER HUGHES OTTAWA BUIK Sand 224782.3 LB . Proppant De Total Clean Volu Pre Trt S/I Prs (psi) 2,740.0 2,936.0 Pst Trt S/I Prs (psi) 3,224.0 5,406.0 80 6,466.0 80 Frequency of the sum of the
Proppant De   Total Clean Volu   Pre Trt S/I Prs (psi)   2,740.0   2,936.0   Pst Trt S/I Prs (psi)   2,936.0   Pst Trt S/I Prs (psi)   2,936.0   S,406.0   S,4
289,925.1 5134.00 2,740.0 2,936.0 3,224.0 5,406.0 80 6,466.0 80 44  HYDRAULIC FRAC: 2/27/2013 07.34 BONE SPRING OH. 12,025.0 ftKB 12,419.0 ftKB BAKER HUGHES OTTAWA Bulk Sand 224775 LB; SU  Proppant De Total Clean Volu Pre Trt S/I Prs (psi) 1,963.0 2,936.0
HYDRAULIC FRAC; 2/27/2013 07:34, BONE SPRING OH, 12,025.0 ftKB 12,419.0 ftKB, BAKER HUGHES OTTAWA Bulk Sand 224775 LB, SU Proppant De Total Clean Volu Pre Trt S/I Prs (psi) 1,963.0 2,936.0 Pst rtt S/I Prs (psi) 3,093.0 S,889.0 Pst rtt S/I Prs (psi) 3,093.0 S,889.0 Pst rtt S/I Prs (psi) 3,093.0 S,889.0 Pst rtt S/I Prs (psi) 3,093.0 Pst rtt S/I Prs (psi) 3,093.0 Pst rtt S/I Prs (psi) 4936.80 Proppant De Total Clean Volu Pre Trt S/I Prs (psi) 4936.80 Pst rtt S/I Prs (psi) 2,987.0 Pst rtt S/I Prs (psi) Pst rtt S/I
Proposed Description   Proposed Description
289,925.1 5086.70 1,963.0 2,936.0 2,936.0 2,913.0 5,250.0 80 6,466.0 80 4  HYDRAULIC FRAC 2/27/2013 10:52 BONE SPRING OH 11,444.0 ftKB 11,838.0 ftKB BAKER HUGHES OTTAWA BUIK Sand 225152.2 LB;  Proppant De Total Clean Volu Pre Trt S/I Prs (psi) 2,987.0 2,987.0 2,987.0 2,987.0 3,093.0 5,889.0 80 5,398.0 80 5,398.0 80  HYDRAULIC FRAC 2/27/2013 14:03, BONE SPRING OH 10;862.0 ftKB 11,249.0 ftKB, BAKER HUGHES 5.0 OTTAWA BUIK Sand 224406.2 LB;  Proppant De Total Clean Volu Pre Trt S/I Prs (psi) Ps trt S
HYDRAULIC FRAC . 2/27/2013 10:52* BONE:SPRING OH . 11:444 0 ftKB 11.838.0 ftKB BAKER HUGHES . OTTAWA BUIK Sand 225152.2 LB; Proppant De Total Clean Volu Pre Trt S/I Prs (psi)   Pst Trt S/I Prs (psi)   P Break (psi)
Proppant De   Total Clean Volu   Pre Trt S/I Prs (psi)   Pst Trt S/I Prs
Proppant De   Total Clean Volu   Pre Trt S/I Prs (psi)   Pst Trt S/I Prs
HYDRAULIC FRAC , 2/27/2013 14:03 , BONE SPRING OH 10;862'0 ftKB 11,249.0 ftKB, BAKER HUGHES OTTAWA BUIK Sand 224406.2 LB; S Proppant De Total Clean Volu Pre Trt S/l Prs (psi) Pst Trt S/l Prs (psi) P Break (psi) ISIP (psi) Avg Treat Pressur Q Treat Avg (bbl/ P Max (psi) Q Treat Max (bbl/ Conc M
Proppant De   Total Clean Volu   Pre Trt S/I Prs (psi)   Pst Trt S/I Prs (psi)   P Break (psi)   SIP (psi)   Avg Treat Pressur   Q Treat Avg (bbl/   P Max (psi)   Q Treat Max (bbl/   Conc. N
Proppant De   Total Clean Volu   Pre Trt S/I Prs (psi)   Pst Trt S/I Prs (psi)   P Break (psi)   SIP (psi)   Avg Treat Pressur   Q Treat Avg (bbl/   P Max (psi)   Q Treat Max (bbl/   Conc. N
289,925.1
HYDRAULIC FRAC 2/27/2013 17:25 BONE SPRING OH 10,281.0 ftKB 10,671.0 ftKB Baker Hughes 2/27/2013 17:25 BONE SPRING OH 10,281.0 ftKB 10,671.0 ftKB
Proppant De Total Clean Volu   Pre Trt S/I Prs (psi)   Pst Trt S/I Prs (psi)   P Break (psi)   ISIP (psi)   IAvg Treat Pressur   Q Treat Avg (bb//   P Max (psi)   Q Treat Max (bb//   Conc N
289,925.1 4980.00 0.0 3,136.0 4,975.0 5,519.0 80
HYDRAULIC FRAC, 2/28/2013 08:55 BONE SPRING, OH 3, 9,700.0 ftKB 10,089 0 ftKB; BAKER HUGHES OTTAWA BUIK Sand 210452.6 LB; SI
Proppant De Total Clean Volu  Pre Trt S/I Prs (psi)   Pst Trt S/I Prs (psi)   P Break (psi)   ISIP (psi)   Avg Treat Pressur  Q Treat Avg (bb//   P Max (psi)   Q Treat Max (bb//   Conc N
289,925.1 4704.50 2,268.0 2,837.0 2,837.0 5,296.0 80 5,920.0 81