State of New Mexico **Energy Minerals and Natural Resources**

Form C-101 May 27, 2004

Phone 432-685-4332

Date 03/10/08

Oil Conservation Division 1220 South St. Francis Dr. MAR 13 2008

☐ AMENDED REPORT

Submit to appropriate District Office

District IV 1220 S St Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 OCD-ARTESIA

Cooperate value and Address COO PIERA TING I.L.C SSO W. I exas, Suite 1300 Micland, 1X 79701 Property Code 302497 GJ West Coop Unit The Property Code The Property	APPL	ICATI	ON F	OR	PERMIT	TO D	RILL, RE	-ENTI	ER, DI	EEPEI	N, PLUGBA	CK, OR AI	DD A ZONE
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Conditions of Approval Attached

PROCEDURE

- 1. MIRU pulling unit. POOH laying down rods and pump. Release TAC and NU BOP. Tag bottom and POOH laying down tubing (need 3-4 joints). Send tubing to Cottons Inspection.
- 2. PU workstring and TIH w/ bit and scraper. PU cement retainer and TIH.
- 3. Pump through retainer and set @ 3850'. Pump 300 sx of Class C w/ 2% CaCl2 + 0.25 celloflake + 3 ppg LCM. Wash up lines and then hesitate down tubing. If no squeeze obtained, over displace 8-10 bbls and repeat.
- 4. Once squeeze is obtained sting out and reverse out tubing. POOH w/ setting tool.
- 5. Wait on cement at least 12 hours.
- 6. PU 4 ¾" workover bit and 6-3 ½" DC's. Drill out squeeze and test to 500 psi. If squeeze does not hold, notify engineer. Drill out shoe and 10' of new hole to 5074' circulating w/ 2% KCl.
- 7. POOH w/ workover bit. PU 4 3/4" PDC, 14 3 1/2" DC's and motor.
- 8. Drill using varying weights and RPM's to optimize drill rate. Drill to at least 5525'. Make hole fit pipe.
- 9. Log well according to geology and utilize caliper log for cement volume determinations.
- 10. TIH and circulate clean. POOH laying down drill string.
- 11. Run 4" 11.3# ULTFJ casing w/ float shoe and float collar. Locate positive stand off centralizers @ shoe, 5100', 4700' and 4350'. Run DV tool and set no deeper than 4300'.
- 12. Cement casing w/ 150% excess volume. Batch mix cement to ensure good cement throughout job. Make sure field blends are tested prior to pumping.
- 13. Drop DV plug and open stage tool. Circulate cement from top of DV tool out of hole.
- 14. Pickup 3 5/16" bit and 2 3/8" workstring w/ turned down collars. Drill out DV tool and chase to PBTD. POOH laying down workstring.
- 15. Prep well for Blinebry frac.

District I 1625 N. French Dr., Hobbs, NM 88240 District II

1301 W. Grand Avenue, Artesia, NM 88210 District III

330'

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

Form C-102 Revised June 10, 2003 Submit to Appropriate District Office

Title and E-mail Address 03/10/08

Referred Original Sursvey

Signature and Seal of Professional Surveyor

Date of Survey

Certificate Number

¹⁸SURVEYOR 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

State Lease - 4 Copies

<u>District 111</u> 1000 Rio Brazos F	Rd., Aztec, NI	M 87410		12	220 South St.		Fee	Lease - 3 Copies			
District IV					Santa Fe, N	M 87505			•		
1220 S. St. Franci	s Dr., Santa I	Fe, NM 87505						☐ AME	NDED REPORT		
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30	-015-273	77				Grayburg Jac	kson;7RVS-QN-	G-SA/Empier;Yes	o, East		
4 Property		1		⁵ Property		⁶ Well Number					
30249	7					107					
⁷ OGRID						9 Elevation					
22913	7					3604					
					¹⁰ Surface	Location					
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