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DITING OF TACAL TATCATION Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088 Santa Fe New Mexico 87504-2088

DISTRICT

CONDITIONS OF AFFROYAL, IF ANY:

OIL CONSERVATION DIVISION

WELL API NO.

30-025-32331

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2. RU Apolio writeline. Run GRICBL/CCL from PBTD to TOC W/1000 psi on csg. Correlate to SWSCO OH GRICNLULDT in 5/10/95. 3. TH w/4" casing guns, premium charges, and shoot 1 JSPF @ 7400', 7402', 7404', 7415', 7417'. 7422', 7426', 7431', 7475' (10 total holes). 4. TH w/5 1/2" pkr on 2 7/8" tog to +/- 7350'. Reverse spot acid into log. Set pkr. Breakdown perts by pumping away spot acid. 5. Continue treatment of perts by pumping 750 gais 7 1/2% mud clean-out acid carrying 20 ball sealers down tog at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish freatment. 6. Make couple of swab runs to clean-up perfs. 7. RU BJ to frac perfs 7400-7475' w/ 14,000 gais Spectrafrac 30# X-link gel carrying 42,000# 16/30 Oftawa and 8,000# 16/30 resin coated sand. Frac down tog at a rate of +/- 8 BPM w/an anticipated treating pressure of 1500 psi. Pump as follows. Shut well in overmight to allow gel to break. 8. Swab/flow back well and evaluate. 9. Leave well flowing to production. When it dies, run pumping equipment and return well to production. 1 hereby cortify that the informacion above is true and complete to the best of my knowledge and belief. SIGNATURE DOROTHEA LOGAN TITLE PAIL Kantz CASING: 13.8" 54.5# @ 1118 w. 950 sx. circ'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w. 3095 sx. inc'd to surface 85/8" 32# @ 4700' w.	inhibited. Circulate hole w/ clean 2% KCI acid, triple inhibited. TOH w/tbg, scrapers	wtr. PU to 7475 & spot 200 gais 7 1/2% mud cle & bit.	PROPOSED		
Tith wid" casing gurs, premium charges, and shoot 1 JSPF @ 7400*, 7402*, 7404*, 7415*, 7417*, 7427*, 7428*, 7435*,	2. RU Apollo wireline. Run GR/CBL/CCL from PBTD to TCC w/1000 psi on csg. Correlate to SWSCO				
4. TIH-wi 5 1/2" pkr on 2 7/8" tog to +/- 7350" Reverse spot acid into tog. Set pkr. Breakdown perfs by pumping away spot acid. 5. Continue treatment of perfs by pumping 750 gals 7 1/2% mud clean-out acid carrying 20 ball sealers down tog at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish treatment. 6. Make couple of swap runs to clean-up perfs. 7. RU BJ to frac perfs 7400-7475 w/ 14,000 gals Spectrafrac 30# X-link gel carrying 42,000# 16/30 Chtawa and 8,000# 16/30 resin coated sand. Frac down tog at a rate of +/- 8 BPM w/an anticipated treating pressure of 1500 psi. Pump as follows: 8. Swab/flow back well and evaluate. 9. Leave well flowing to production. When it dies, run pumping equipment and return well to production. 1 hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE DOROTHEA LOGAN Oning Signed by Paul Kautz Geologist 1 hard 2 4856 (-1050) Bell Canyon 4908 (-1102) Bell Canyon 4908 (-1102) Bell Canyon 4908 (-1102) Bell Canyon 4908 (-1102) Bell Canyon 7452 (-3646) Bell Canyon 4908 (-1102) Brushy Canyon 7452 (-3646) Borre Springs 8798 (-4992) Brushy Canyon 7452 (-3646) Borre Springs 8798 (-4992) Brushy Canyon 7452 (-3646) Bell Canyon 4908 (-1102) Brushy Canyon 7452 (-3646) Brushy Canyon 7452 (-3646) Bell Canyon 4908 (-1102) Brushy Canyon 7452 (-3646) Brushy	3. TIH w/4" casing guns, premium charges,	and shoot 1 JSPF @ 7400', 7402', 7404', 7415'	, 7417',		
5. Continue treatment of perfs by pumping 750 gals 7 1/2% mud clean-out acid carrying 20 ball sealers down the at a rate of +/- 3 BPM. If ballout occurs, surge off balls and finish treatment. 6. Make couple of swab runs to clean-up perfs. 7. RU BJ to frac perfs 7400-7475' w/ 14,000 gais Spectrafrac 30# X-link gel carrying 42,000# 16/30 Ottawa and 8,000# 16/30 resin coated sand. Frac down the at a rate of +/- 8 BPM w/an anticipated treating pressure of 1500 psi. Pump as follows: Shut well in overnight to allow gel to break. 8. Swab/flow back well and evaluate. 9. Leave well flowing to production. When it dies, run pumping equipment and return well to production. 1 hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE DOROTHEA LOGAN TITLE REGULATORY ANALYST DATE MAY 24, 1995 TYPEOR PRINT NAME Or ig. Signed by Paul Kattz Geologist (Phis space for State Use) Paul Kattz Geologist	TIH w/ 5 1/2" pkr on 2 7/8" tbg to +/- 7350'. Reverse spot acid into tbg. Set pkr. Breakdown perfs by pumping away spot acid. FORMATION: FORMATION:			8 5/8" 32# @ 4700' w/ 3095 sx in 2 Stages, DV @ 2899', TOC - 216	
6 Make couple of swab runs to clean-up perfs 7. RU BJ to frac perfs 7400-7475' w/ 14,000 gais Spectrafrac 30# X-link gel carrying 42,000# 16/30 Ottawa and 8,000# 16/30 resin coated sand. Frac down tog at a rate of +/- 8 BPM w/an anticipated treating pressure of 1500 psi. Pump as follows. Shut well in overnight to allow gel to break. 8. Swab/flow back well and evaluate. 9. Leave well flowing to production. When it dies, run pumping equipment and return well to production. 1 hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE DOROTHEA LOGAN TITLE REGULATORY ANALYST DATE MAY 24, 1995 THEETHONE NO. (915) 684 (This space for State Use) Orig Signed by Paul Kautz Geologast				Bell Canyon 4908' (-1102') Brushy Canyon 7452' (-3646')	
Ottawa and 8,000# 16/30 resin coated sand. Frac down tog at a rate of 47-6 bPM Wan attributed treating pressure of 1500 psi. Pump as follows: Shut well in overnight to allow get to break. 8. Swab/flow back well and evaluate. 9. Leave well flowing to production. When it dies, run pumping equipment and return well to production. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE DOROTHEA LOGAN THE PRINT NAME Orig Signed by: Paul Kautz Geologist NAY 26 13				Bone Springs 8798' (-4992')	
9. Leave well flowing to production. When it dies, run pumping equipment and return well to production. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE DOROTHEA LOGAN TITLE REGULATORY ANALYST DATE MAY 24, 1995 THE PHONE NO. (915) 684 (This space for State Use) Orig Signed by Paul Kantz Geologist MAY 26 TS	Ottawa and 8,000# 16/30 resin coated sand treating pressure of 1500 psi. Pump as fo	i. Fracidown tog at a rate of +/- 8 bHM w/an and ollows:	# 16/30 icipated		
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Paul Kautz Geologist	TYPE OR PRINT NAME DOROTHEA LOG			3.ET	915) 684-7441
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