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OCD Permitting

<u>District I</u>

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Page 1 of 1

Form C-102 August 1, 2011

Permit 266232

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico **Energy, Minerals and Natural** Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number		2. Pool Code				3. Pool Name								
30-039-20864		72319					BLANCO-MESAVERDE (PRORATED GAS)							
4. Property Code 5. Property Name					6. We									
318432		SAN JUAN 28 7 UNIT						225						
		perator Name			9. Ele									
37	2171		HILCOF	RP ENERGY C	OMPANY				6091					
					10. 9	Surface L	ocatio	n						
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				11. Bottor	n Hole Lo	cation if	Differe	nt F						
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Certificate Number:

3950

https://wwwapps.emnrd.state.nm.us/OCD/OCDPermitting/Report/C102/C102Report.aspx?... 4/15/2019



HILCORP ENERGY COMPANY

SAN JUAN 28-7 UNIT 225

MESA VERDE RECOMPLETION SUNDRY

API #: 30-039-20864

JOB PROCEDURES

- 1. MIRU Service rig and associated equipment, test BOP. Check Bradenhead pressures daily and record throughout the recomplete project. Notify NMOCD and BLM if any anomalous pressures changes occur on the Bradenhead.
- 2. TOOH w/ 2 3/8" tubing set at 7164'.
- 3. Set initial CIBP at 6937' or deeper (no higher than 50' above existing perforations)
- 4. Perform MIT from initial CBP, providing 24 hr notice to BLM and NMOCD. Once completed, review and submit the MIT charted test results to both the NMOCD and BLM If the MIT fails, discuss and gain approval with both the NMOCD and BLM with a plan of action to remediate the wellbore. Perform a 2nd MIT once remediated.
- 5. Note: 3/24/77 S. & R. Temperature Survey, TOC ~2400'.
- 6. Optionally set bridge plug below intended recomplete interval.
- 7. ND BOP, NU frac stack. Pressure test the production casing or frac string and frac stack to maximum frac pressure. The pressure test will not exceed 85% of the internal yield pressure rating of the primary treatment string.
- 8. Perforate and frac the Mesa Verde within 4370'-5451'.
- 9. Optionally set a kill plug above recomplete interval for casing fracs.
- 10. ND the frac stack, NU the BOP and test.
- 11. MU and TIH with a mill. Tag and drill out the top isolation plug and Mesa Verde frac plugs if applicable.
- 12. Clean out the wellbore to the top of the Dakota isolation plug.
- 13. Once water and sand rates are acceptable, drill out the Dakota isolation plug and cleanout to PBTD of 7205'. TOOH.
- 14. TIH and land production tubing. Get a commingled Dakota/MV flow rate.

Lilcorp Energy Company Current Schematic									
Well Name: SAN JUAN 28-7 UNIT #225									
APR UM 3003920864	Surface Leg # Location 034-028N-007W-A	Pied Narre DK	1	5.Me 1009	State Province NEW MEXICO	Weil Configuration Type Vertical			
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MD (RKB) TVD		Verbo	calschemat	c (actual)	ng n				
			and a second second second						
9.8	and An An Antonio and An Antonio and An Antonio and Antonio and				Cement 10 00-220 0 CIRCULATE TO SUF	0. 3/15/1977, CEMENT			
219.2	1 Surface Casing 9.63 in	9.00 in 10.00 tKB			CIRCOLATE TO SOF	(FAUC			
200 1		220 00 ftKB		ASCO.					
1 935 0	OJO ALAMO (final)								
2 000 0				1					
2 020 0									
2 399 9									
2 450 1	FRUITLAND (final)				Cement 2 000 00-3 1 DETERMINED BY T	035 00, 3/19/1977, TOC-			
2 734 9	PICTURED CLIFFS (fina	0)							
2 835 0	LEWIS (final)								
3 035 1	2. Intermediate Casing	ftKB. 3.036 00 ftKB \							
3 036 1	to correct footage 7 showed 7984 w/263 its	748 w/247 its. cams		1000					
4 370 1	DUOMED 1404 MISDO 12	10 00 10KB 7 129 13 KKB			Cement 2 400 00.7	212 00: 3/24/1977 TOC]			
4 951 1	POINT LOOKOUT (final) - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1		-	DETERMINED BY T	EMP SURVEY			
6 134 8	-BALLUP (Ins)			8					
68799	GREENHORN (final)			3					
6 940 9	GRANEROS (final)								
6 996 9	Dedouted 6 927 0	0-7 188 00 7/3/1977		15					
7 100 1	SUB 2 3/8 in 4 70 lbft J correct footage 7748 w/2-	-55 MT #50076R to	4	<u>155</u> -	SW FRAC 7/3/1977 = 81060 GAL WTR	TREAT W/70000 LB SD			
7 107 9	7984 w/253 jts. 7.129 1 Tubing, 2.3/8 in: 4.70 lbit	3 RKB. 7.131 04 RKB							
7 129 3	to correct footage 7								
7,100.9	F NIPPLE 2 3/8 in	7.161.98 ftKB 4 70 lb/ft. J-55. MT		RA I					
7 162 1	#50076R to correct foo cams showed 7984' w/26	53 jts. 7.161.98 tKB		No. 1					
7 162 7	EXPENDABLE CHECK			18					
7.163 7	78" ID, Notched Collar	on bottom, 7,162,83 ftKB, 7,163,75 ftKB	T						
7 187 0		8							
7.183 0			223 523	35					
7 205 1		[PBTD 7,205 00]	-	200	CEMENT PLUG, 7,2	05 00-7,212 00, 7/3/1977]			
7.211 0									
7.211 9	3. Production Casing, 4	1/2 in, 4 00 in, 10.00 ftKB, 7 212 00 ftKB							
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		Page	1/1		1	Report Printed: 4/11/2019			

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