

APPROVED BY: Hayden Wink TITLE: GC FIELD SUPERVISOR FOR DISTRICT 1 DATE: AUG 13 2007
Conditions of Approval, if any:



State A A/C-3 #5
Jalmat Field
Lea County, NM

July 31, 2007

Plug and Abandonment Procedure

1. MIRU plugging rig. ND wellhead. NU BOP. TIH with workstring and 4-3/4" bit to ~3,600'. Circ well with 10 ppg gelled brine. POH w/tbg and bit.
2. RU wireline and set CIBP at ~3000'.
3. TIH w/open ended tubing to CIBP at 3,000'. Mix and spot 300' base of salt cement plug from 3,000' to 2,700' (34 sx of class A).
4. Perforate 5-1/2" casing at 1,310'. Mix 200' top of salt cement plug (52 sx class A). Pump through perfs at 1,310' leaving top of cement inside casing at 1,110'. WOC and tag top of plug to verify depth.
5. Perforate 5-1/2" casing at 370'. Mix surface plug (96 sx class A). Squeeze through perfs at 370', attempting to circulate cement to surface. Leave top of cement inside casing at surface.
6. Cut off wellhead, cap well and install P&A marker.
7. Clean location for OCD inspection.

FORM	TOP		
		STATE A A/C-3 #5 CURRENT WELLBORE DIAGRAM MISSION RESOURCES INC	
		SU-T-R 10G-23S-36E API #: 30-025-09303 POOL: JALMAT; TAN-YATES-7 RVRS (PRO GAS) CO, ST: LEA, NEW MEXICO LAND TYPE: STATE STATUS: ACTIVE ACREAGE 40 12 LATEST RIG WORKOVER: DIAGRAM REVISED 6/11/2004 BY RSL	
		8 5/8" @ 320' w/300 sx Cmt	
		Hole 610-615', sqz w/285 sx Cored well 3,621-3,698'	
		TOC @ 2,255' by Temp Surv	
		Perfs: 3024-3178' 3024, 42, 49, 54, 58, 73, 80, 85, 95, 3104, 08, 35, 76, 78 CIBP @ 3,340' on 12/90 Perfs: 3365-3457' 3365, 68, 3411, 14, 35, 37, 55, 57' CIBP @ 3,490' on 9/90 Perfs: 3502-3611' 3502, 07, 19, 26, 39, 42, 47, 55, 62, 68, 71, 81, 85, 87, 90, 94, 3603, 11 CIBP @ 3,625' on 5/71 5 1/2" @ 3,638' w/250 sx Cmt	
		TD 3,698'	
TANSILL	2,850' (file pick)		
YATES	3,007'		
7 RVRS	3,195'		
QUEEN	3,578'		
		TAN-YATES-7 RVRS ZONE HISTORY 9/90 Recomplete from Queen. Perf 3024-3178' & 3365-3457' Acidize 3365-3457' w/2000 gal 15%, went on vacuum Set RBP @ 3,342' Frac 3024-3178 w/24,066 gal gel & 74,459# sand POP 12/90 Pull RBP @ 3,342' Ran fluid level, 3,038' to fluid. Set CIBP @ 3,340' POP No tests reported Note: OCD says stimulation was 1500 gal acid, 63,200 gal & 192,000# in only 3,024-3,178' but the actual pumped volume was 74,459#	
		OPPORTUNITY None seen	
		LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY 5/17/60 Spud, 5/60 Initial Completion Open hole completion 3638-98' Vibro-frac 3682-86' w/10,000 gal oil & 10,000# sand IP 42 BO, 70 BW 1475 MCF 5/68 T&A well 5/71 Set CIBP @ 3,625' Perf 3502-3611' Acidize w/1700 gal 15% Frac w/20,000 gal gel & 30,000# sand IP 4 BO, 247 BW, 30 MCF 9/90 Set CIBP @ 3,490' Sqz hole @ 610' w/285 sx	



Well File



OCD

Current