

COMPLETED WELL SKETCH

DEPTH (ft)	MARKERS (KB)	LITHOLOGY	OGRID: API: 30-015-39723 AFE: 104961 SPUD: 3/25/12 @ 07:00 hrs FRR: 4/9/12 @ 00.45 hrs RIG: Cactus #139	Elk Wallow 11 State #8H Wildcat (Bone Spring) Field Eddy County, New Mexico	FURF: 170' FNL & 2640' FWL LOC: Sec 11 SURVEY: T-25-S, R-29-E GL: 3056.4' KB: 3081.4' ZERO: 25.0' AGL	HOLE SIZE	MW (ppg)	MUD	BHST (°F)	LOT (ppg)	EVALUATION
1,000'	Rustler - 592'			20" Conductor @ 128'		17-1/2"	8.6	FW		N/A	
2,000'	T / Salado - 840'	Salt		Surface Casing @ 693' 13-3/8" 54.5# J-55 STC Cement w/ 600 sx Class C + 1 0% CaCl2 + 0.25 pps Celloflake + 0.005 pps Static Free (14.8 ppg, 1.35 yld) Bump plug and circ 125 sx to surface		10.0					
3,000'	B / Salado - 3010'					12-1/4"		Bone			
4,000'	Lamar - 3210'										
5,000'	Bell Canyon - 3240'			Intermediate Casing @ 4,715' 9-5/8" 40#, J-55, L7&C (0' - 3,894') 9-5/8" 40#, HCK-55, L7&C (3,894' - 4,715') Cement w/ 850 sx 50 50 10 Class C + 40% FL-52 + 0.60% SMS + 5.0% Salt + 5.6 pps LCM-1 (11.8 ppg, 2.465 yld), followed by 200 sx Class C + 0.60% FL-62 + 0.60% CD-32 + 0.10% R-3 (14.8 ppg,		10.2					
6,000'	Cherry Canyon - 4120'			Perforations MD, 7,819, 7,880, 7,941; 8,002; 8,063, 8,128, 8,185, 8,246, 8,307; 8,368; 8,429, 8,490, 8,551; 8,612; 8,673; 8,728, 8,795, 8,856, 8,917, 8,978; 9,039, 9,100, 9,161, 9,226, 9,283, 9,344, 9,405, 9,466; 9,527; 9,588, 9,649, 9,705, 9,771, 9,832; 9,893, 9,896, 9,954, 9,985, 10,015, 10,076, 10,137; 10,192, 10,259, 10,320; 10,381; 10,442, 10,503, 10,564; 10,625; 10,686; 10,747; 10,806; 10,869; 10,930, 10,991, 11,052; 11,113; 11,174, 11,235, 11,290, 11,357, 11,418; 11,479, 11,540, 11,601; 11,662, 11,723; 11,784, 11,845, 11,906, 11,967, 12,028, 12,089, 12,150		8.4		N/A			
7,000'	Brushy Canyon - 5360'					8-3/4"		WBM			
8,000'	Bone Spring Lime - 6970'			Production Casing @ 12,180' MD, -7,654' TVD 5-1/2" 17# HCP-110 LTC Cement w/ 200 sx 60.40.0 Class C + 15.0 pps BA-90 + 4.0% MPA-5 + 3.0% SMS + 5.0% A-10 + 1.0% BA-10A + 0.80% ASA-301 + 2.25% R-21 + 8.0 pps LCM-1 (10.8 ppg, 3.674 yld), followed by 225 sx 50 50 10 Class H + 0.80% FL-52 + 0.30% ASA-301 + 0.50% SMS + 2.0% Salt + 3.0 pps LCM-1 + 0.25 pps Celloflake (11.8 ppg, 2.379 yld), followed by 1250 sx 50.50.2 Class H + 0.65% FL-52 + 0.50% CD-32 + 0.35% SMS + 2.0% Salt + 0.005 gps FP-6L (14.2 ppg, 1.28 yld) Bump plug w/ 1663 psi. Did not circ cement. Return 10 bbls spacer to surface		9.3					
9,000'	PTD - -7,670'									140	

Drig Eng:

R Willett

Date:

7/2/2012

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