



eog resources

ORIGINAL PROPOSAL

DEPTH	MARKERS (KB)	LITHOLOGY	PERMIT: API: 30-015-37207 AFE: SPUD: FRR: RIG: McVay Rig 4	Parkway "23" State Com #3H Turkey Track (Bone Spring) Field Eddy County, New Mexico	SURF: 2050' FNL & 50' FWL LOC: Sec 23 Survey: T-19-S, R-29-E GL: 3311.0' KB: 3330.0' Zero: 19' AGL	HOLE SIZE	MW (ppg)	MUD	BHST (°F)	FTT (ppg)	EVALUATION
2,000'	Rustler - 280' Top Salt - 340' Base Salt - 1,400' Yates - 1,480'	Salt			20" Conductor @ 40' Surface Casing @ -310' 11-3/4" 42# H40 STC Class "C" + 2% CaCl ₂ + 1/4 pps Cello Flake + .005 pps Static Free (14.8 ppg, 1.34 yield).	14-3/4"	8.4 8.8 10.0	Spud	80	N/R	No Logs
3,000'	Queen - 2,350'				TOC @ -2,800'	11"		Saturated Brine Water	98		Mud Log
4,000'	San Andrias - 3,020'				Intermediate Casing @ -3,300' 8-5/8" 32.0# J55 LTC Lead: Class "C" + 2% SMS + 10% Salt + 70% R-3 + .25 pps Cello Flake + .005 Static Free (12.7 ppg, 2.22 yield) Tail: Class "C" + .60% FL-62 + .45% CD-32 + .15% SMS + .005 pps Static Free (14.8 ppg, 1.33 yield). TOC @ surface.		10.2 8.4				
5,000'	Brushy Cyn - 3,830'				Preliminary Directional Plan: KOP: ±7,460' md / tvd BUR: 11.13°/100' in 7-7/8" hole EOC: 8,269' md / 7,975' tvd EOL: 12,652' md / 7,975' tvd						Open Hole Logs as per Geologist
6,000'	Bone Spring - 5,050'							Fresh Water			
7,000'	BSPG1 Sand - 6,965' BSPG2 Carb - 7,175'						8.6	Cut Brine	140		
8,000'	BSPG3 Sand - 7,720' Top "F" Sand - 7,925' BSPG3 Carb - 8,075'						9.0				
	Pilot TD - 8,400'										

Production Casing @ 12,652' MD, 7975' TVD
5-1/2" 17.0# L80 & N80 LTC
Lead: 50-50-10 Class C + 0.90% FL-52A + 0.30% ASA-301 + 0.15% SMS + 0.25 pps Cellulose (11.8 ppg, 2.307 yd)
Tail: 50-50-2 Class H + 0.65% FL-52A + 0.40% CD-32 + 0.20% SMS + 5.0% Salt + 0.15% R-3 (14.2 ppg, 1.301 yd)

7,500'

Scale: 0 to 4,000'

Directions:

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 14584 Exhibit No. 18
Submitted by:
EOG RESOURCES, INC.
Hearing Date: December 16, 2010

Drig Eng: SLIM
Date: 12/14/2010