

30-025-44039

Geologic Well Prognosis

CANNON BS2 STATE COM 1H

Prepared By:

Date: _____

Geologist:

Engineer:

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Proposed Well: CANNON BS2 STATE COM 1H

Legals: NENE Sec. 30 T22S R35E

API:

Surface Hole Lat/Long (Nad 83)	N 32° 22' 09.62", W 103° 24' 01.50"
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County and State	Lea Co., NM
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Ground Elev (FEET):	3550.1
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Kelly Bushing Elev (FEET): 3375.1

Surface
BHL
Side-track

Surface/Bottom Hole Footage Calls	FNL	FSL	FEL	FWL
Sec. 30 T2S R35E	220		685	
Sec. 18 T2S R35E		2260	940	

Vertical Correlation Well: STATE GOVT

Legals: SE, Sec. 7 T22S-R35E

API: 300252655900

Lat/Long (Nad 27)	32.4006101 -105.4042302
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County and State Lea County, NM

Ground Elev:

Kelly Bushing Elev: 7,623

Rig KB: 25

Formations	Lithology	(calc)		Sample Top	Δ ft	Sample <Lo Hi>	(calc)		Adjusted Prog Top	(calc)		
		TVD (RKB)	TVD Subsea				Actual Log	Δ ft		Log <Lo Hi>	TVD (RKB)	TVD Subsea
Rustler	Mixed lithologies	1875	1700	8460		1875.1		1875.1				0
Top of Salt	Salt (Halite)	2075	1500	8260		2075.1		2075.1				0
Base of Salt	Limestone/Anhydrite	3925	-350	6410		3925.1		3925.1				0
Delaware	Sand/Siltstone/Shale/Limestone	5775	-2200	4560		5775.1		5775.1				0
Bone Spring	Limestone	8435	-4860	1900		8435.1		8435.1				0
Avalon	Shale	8575	-5000	1760		8575.1		8575.1				0
1st Bone Spring	Sand/Siltstone/Shale/Limestone	9125	-5550	1210		9125.1		9125.1				0
2nd Bone Spring	Sand/Siltstone/Shale/Limestone	9600	-6025	735		9600.1		9600.1				0
Target ($\pm$ 90.8")	Sand/Siltstone/Shale/Limestone	10335	-6760	0		10335.1		10335.1				0
3rd Bone Spring	Siltstone	11000	-7425	-665		11000.1		11000.1				0
Wolfcamp	Shale/Limestone	11295	-7720	-960		11295.1		11295.1				0
SURFACE CASING POINT												
1st INT. CASING POINT												
2nd INT. CASING POINT												
PROD. CASING POINT												