

WILLIAMSON NO. 1
C SE NW of Section 23-21S-37E
Lea County, New Mexico

Elevation: 3400' D.F.
3389' G.L.

Depth of Production String: 6456'

Total Depth: 6600'

Open Hole: 144'

Formation Tops:

Grayburg	- 3495'
San Andreas	- 3950'
Glorietta	- 4822'
Paddock	- 5110'
Blinebry	- 5570'
Tubbs	- 6160'
Drinkard	- 6410'

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-19-2010 BY 60322 UCBAW

1.1 1915 : no. 1073
1.1 1918

¹36.33 percent with four to nine.

[illegible]

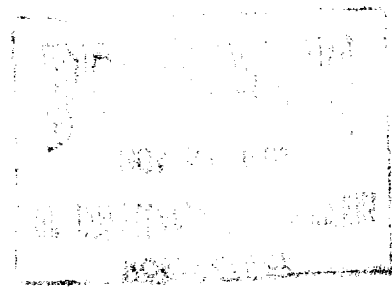
SECRET

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SAMPLE LOG

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Lea County, New Mexico



<u>Depth</u>	<u>Description</u>	Samples started at 1430'
1430 - 2450	Salt	
2450 - 2460	Salt and red shale (Base Salt)	
2460 - 2710	Anhydrite and salt	
2710 - 2720	Anhydrite and salt and red shale	
2720 - 2900	Tan anhydrous dolomite and red shale	
2900 - 2920	Anhydrite and red shale	
2920 - 3325	Tan to grey dense to finely xln. dolomite	
3325 - 3470	Same with red and green shale and siltstone	
3470 - 3550	Tan finely xln. dolomite and red and green shale. Trc-20% fluc.	
3550 - 3630	Tan dense dolomite and red and green shale	
3630 - 3650	Same. Trc-10% Fluc.	
3650 - 3950	Same. 10% Fluc. 3680-3700 Trc-10% Fluc. 3770-3810 Trc Fluc. 3870-3920	
3950 - 4180	Tan finely xln. dolomite SSO 3980-4025. Sl oil odor 3950-3980 SO 4025-4085. Fair oil odor 3980-4040 SO 4100-4180. Good oil odor 4040-4090 Fair oil odor 4090-4110 Good oil odor 4110-4160 Trc-50% Fluc. 3950-4000 20-70% Fluc. 4000-4100 50-60% Fluc. 4100-4180 10-20% Fluc. 4180-4220	
4180 - 4200	Sucrosic dolomite	
4200 - 4320	Tan fine grey dense dolomite	
4320 - 4390	Br sucrosic dolomite to tan fine xln. dolomite Trc-30% fluc. Gas distillate odor 4320-4340 Fair oil odor 4340-4360 Fair to slight odor 4360-4600	
4390 - 4410	Tan fine xln. dolomite and red, green, and blk shale	
4410 - 4540	Tan fine xln. to br sucrosic dolomite 10-20% Fluc.	
4540 - 4700	Br to tan fine xln. dolomite	
4700 - 4730	Lt tan fine xln. dolomite	
4730 - 4750	Tan dense dolomite	
4750 - 4770	Br sucrosic dolomite	
4770 - 4840	Tan fine xln. to sucrosic dolomite	
4840 - 4960	Same with SO 4880-4940 Trc-80% Fluc.	
4960 - 5020	Tan to grey fine xln. dolomite	
5020 - 5060	Grey to white anhydrous dolomite	
5060 - 5130	Tan, white to br anhydrous dolomite Trc-50% Fluc.	
5130 - 5150	Grey, white to tan dense to fine xln. dolomite	
5150 - 5200	Tan sucrosic dolomite. 10-20% Fluc.	
5200 - 5230	Tan fine xln. dolomite. 10-50% Fluc.	
5230 - 5270	Tan dense to finely xln. dolomite. 10-40% Fluc.	
5270 - 5380	Tan to grey dense dolomite	
5380 - 5390	Br sucrosic dolomite	

Sample Log (Con't.)

<u>Depth</u>	<u>Description</u>
5390 - 5430	Tan silty dolomite, trc grey shale
5430 - 5500	Tan, grey, and white dense to fine xln. dolomite Trc Fluc. 5440-5500
5500 - 5550	Tan to br dense to fine xln. dolomite. Trc-10% Fluc.
5550 - 5580	Tan to grey dense to fine xln. dolomite Trc-10% Fluc.
5580 - 5710	Tan to br dense to finely xln. dolomite Trc-60% Fluc.
5710 - 5780	Tan, white to cream fine xln. to dense dolomite 10-20% Fluc. 5710-5750
5780 - 5820	Tan to white dense to fine xln. dolomite
5820 - 5990	Tan dense to fine xln. dolomite Trc Fluc. 5820-5860 Trc-20% Fluc. 5920-5950
5990 - 6140	Tan, cream to grey finely xln. to silty dolomite Trc-30% Fluc. 5990-6100
6140 - 6220	Tan fine xln. dolomite and white and grey sand Trc Fluc. 6140-6170
6220 - 6350	Tan to grey dense to finely xln. dolomite Trc Fluc. 6220-6280 and 6310-6340
6350 - 6390	Tan to white dense to fine xln. dolomite
6390 - 6410	Tan dense dolomite
6410 - 6450	Tan fine xln. to sucrosic dolomite Trc-10% fluc.
6450 - 6520	Tan sucrosic dolomite 10-60% Fluc.
6520 - 6550	Tan sucrosic to grey dense to fine xln. dolomite 40-70% Fluc.
6550 - 6600	Tan sucrosic dolomite 50-80% Fluc.

