

NSANTO CHEMICAL COMPANY
STATE "E" WELL NO. 1
S-34, T-10-S, R-32-E
LEA COUNTY, NEW MEXICO

DRILL STEM TESTS

- DST #1, 8121-82 Rec. 35' SOGM, ISIP 35#, FP 35, 30 min. FSIP 35#, HP 4335.
- DST #2, 8350-8402 Rec. 400' water blanket and 40' GCM, ISIP (20) 250#, IFP 250, FFP 250, PSIP (30) 250, HP 4505.
- DST #3, 8768-8812 Rec. 2960' of fluid (10' of very heavily oil and gas cut cushion, 540' of heavily oil and gas cut cushion, 250' of slightly oil and gas cut cushion and 2160' of heavily gas cut salt water with a trace of oil.) IFP 661, FFP 1501, ISIP 3195, PSIP 2697, HP 4678.
- DST #4, 8811-39 Rec. 30' mud, 800' water blanket, No ISIP, FP 390, FSIP (30) 580, HP 4620.
- DST #5, 10,099-140 Rec. 1000' water blanket & 10' drilling mud, no show. FP & SIP below water blanket hydrostatic pressure of 480#, Mud HP 5200.

INCLINATION SURVEY

<u>Depth</u>	<u>Degrees off Vertical</u>
4585	1
4814	3/4
5510	1/2
5608	1/4
6100	1/4
6265	1/4
6520	1
6713	1 1/2
7005	1/2
7240	1/4
7300	1/4
7491	1/4
7580	1/4
7800	1/4
7826	1/4
7923	3/4
8060	1 1/2
8180	1/4
8250	1/4
8330	3/4
8500	1/2
8959	1 1/2
9000	1
9095	1 1/2
9135	1 1/2
9218	1
9300	3/4
9303	3/4
9552	1/4
9575	3/4
9721	3/4
9858	1
9978	1 1/2
10,051	3/4
10,102	1/2
10,174	1/2
10,268	2 1/4
10,324	2 1/2
10,371	2 1/2
10,501	2 1/2
10,540	2-3/4
10,581	3

CORES

- Core #1 8788-8800 Rec. 12' being: 4' White Dense Fnlly XLN highly Foss Frac Lime 10-40% Fluor. in the Matrix, 90-100% Fluor. on Frac Surface TP PP For sli. to fair cut, 1' Buff Dense Highly Frac Foss Lime 100% Fluor. in fracs only, 4' Gry Dense Foss Frac Lime 10-90% Fluor. Mainly on Frac Face, Traces of Cut, 3' Lightly Gry Fnlly XLN to Dense Sli. to Highly Frac., Sli. Fluor. in Fracs, Traces of Cut.
- Core #2 8800-8812 Rec. 12' being: 3' Dark Brown Dense Foss Sli. Frac Lime. Tr. Fluor. and Oil Cut, 2' Tan Fine XLN Lime Vuggy Porosity Fluor. and Odor, 6' Tan to Brown Foss Frac Lime, 1' Tan Fine to Coarse XLN Highly Frac Vuggy Lime, fair to good Odor, 90% Fluor. on Fracs.
- Core #3 8812-8839 Cored 27'. Rec. 26' being: 10' Tan to Gry Dense to Fnlly XLN with occasional Frac, Tr to 100% Fluor. in Fracs 0-30% Fluor. in Matrix, 3' Tan Dense Lime with 10-40% Black Platy Shale, Sli. Frac., Tr. to 5% overall Fluor., 13' Tan to Brown Dense Lime, Sli. to Med. Fracs. Tr. to 100% Fluor. in Fracs. Tr. of inter XLN Porosity.