

Elevation 2119'

TRANSWESTERN OIL COMPANY

CORNELSEN # 1

Ness county
Sec. 29-18-21
Sw-Sw- Nw.

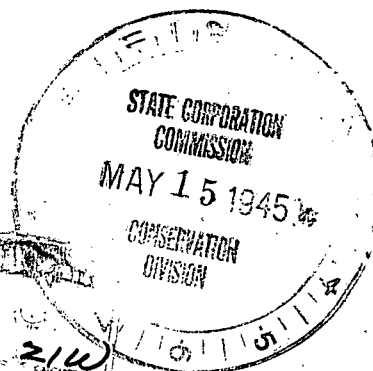
Nature of Strata	Thickness	Total Depth
Shale & Sand	365	365
Shale & Shells	265	630
Red Bed	135	765
Shale, Lime, Shells	435	1200
Red Rock Lime Shells	130	1330
Broken Lime	30	1360
Anhydrite	40	1400
Lime	45	1445
Lime & Shale	145	1590
Shale & Shells	200	1790
Blue Shale	160	1950
Lime	25	1975
Shale	90	2065
Lime & Shale	220	2285
Shale	25	2310
Lime	140	2450
Lime & Shale	30	2480
Sandy Lime	65	2545
Lime Shale	30	2575
Lime	55	2630
Lime	40	2670
Lime & Shale	50	2720
Red Rock	20	2740
Broken Lime	50	2790
Lime	80	2870
Lime Shale	25	2895
Lime	35	2930
Lime & Shale	175	3105
Lime	10	3115
Lime & Shale	85	3200
Lime	45	3245
Lime & Shale	50	3295
Lime	140	3435
Lime & Shale	40	3475
Lime & Shale	50	3525
Lime	10	3535
Lime & Chert	16	3551
Broken Lime	29	3580
Lime	220	3600
Lime Shale	50	3650
Lime	90	3740
Lime	235	3975
Broken Lime	35	4010
Lime & Shale	25	4035
Lime	90	4125
Lime & Shale	10	4135
Sandy Conglomerate	35	4170
Conglomerate & Shale	40	4210
Lime	45	4255
Lime & Chert	35	4290
Lime	5	4295
Lime & Chert	25	4320
Lime	85	4405
Lime	45	4450
Lime & Chert	35	4485
Lime	185	4670

133/8 Surface csg.set at.360'
Cemented by Halliburton wf.
225 Sks. Bulk. Cement circulate

85/8 Surface csg.set at 1367'
Cemented by Halliburton wf.
600 sks. cement circulated.

Top Dakota Sand at 710' To 900'

Plugging record;
Filled hole with mud to 500'
Set Bridge at 500' wf. 20 sks
of cement on top of bridge.
Filled hole with mud from top
of cement to 68' then filled
85/8 surface casing to Base
of cellar. with 24 sks.
of cement.



T.D. of rotary hole 4670.