

TOTCO DEVIATION SURVEYS

<u>Depth</u>	<u>Degree off Vertical</u>
592	1/2
830	1/4
1106	1
1307	1/2
1400	1
1630	3/4
1830	1/2

<u>Depth</u>	<u>Degree off Vertical</u>
2375	1 1/4
3430	1 1/2
3700	3/4
3941	1
4137	3/4
4500	1 1/4
4625	1

CORE RECORD

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Rec.</u>	<u>Description</u>
1	4685	4715	29 1/2'	Dolomite. 4685-4686 Dolomite, finely crystalline gray dense, N.S. 4686-4691 Dolomite, finely crystalline gray trace pin point porosity and small vugs, no shows. 4691-4693 Dolomite, finely crystalline gray 10% vugs and inner crystalline porosity, bleeding oil. 4693-4697 Dolomite, mixed gray 10-20% inner course crystalline porosity and polytic, bleeding oil. 4697-4697 1/2 Dolomite, mixed gray 5% inner course crystalline porosity, bleeding oil. 4697 1/2-4698 Dolomite, mixed gray inner course crystalline porosity, oolitic, bleeding oil. 4698-4699 Dolomite, finely crystalline gray 10% inner course crystalline porosity, bleeding oil. 4699-4700 Dolomite, finely crystalline gray 10% inner course crystalline porosity with Anhydrite inclusions, bleeding oil. 4700-4702 1/2 Dolomite, finely crystalline gray 10% inner course crystalline porosity and small vugs, bleeding oil. 4702 1/2-4703 dolomite, dense, no show. 4703-4705 1/2 Dolomite, fine gray 10% inner course crystalline porosity, bleeding oil. 4705 1/2-4715 Dolomite, finely crystalline gray stylitic with occasional small vugs, trace of Anhydrite inclusions, bleeding oil.
2	4715	4743	28'	Dolomite. 4715-4718 Dolomite, finely crystalline light gray to tan, trace to pin point porosity, slight bleeding oil. 4718-4721 Dolomite, finely crystalline light gray stylitic, no shows. 4721-4723 Dolomite, finely crystalline light gray with shale partings and inclusions, no show. 4723-4729 Dolomite, finely crystalline light gray to tan and dense, no show. 4729-4731 1/2 Dolomite, finely crystalline to tan with trace of inner course crystalline porosity and Anhydrite inclusions, no show. 4731 1/2-4732 Dolomite, finely crystalline gray to tan and highly fractured no show. 4732-4741 Dolomite, finely crystalline gray to tan trace of inner course crystalline porosity, slight fracture, slight show of oil. 4741-4743 Dolomite, finely crystalline tan to dense, no show.

DRILL STEM TESTS

None

ACIDIZING OR OTHER COMPLETION OPERATIONS

- 4-11-56 Western Co. acidized open hole 4685-4743 w/2000 gals. 15% SLT. 33 mins, 6/10 BPM. TP 2800-3200-2200#. SIP 5 mins. 600#. Swabbed 19 BLO (all) in 1 hr., then swabbed 6 BNO / 11 BAW in 3 hrs. 800' FIH, Fair show of gas.
- 4-11-56 Western Co. reacidized open hole 4685-4743 w/5000 gals. 15% SLT. TP 2000-2500-1500#. 67 mins., 1.7 BPM. Swabbed 19 BLO (all) in 1 hrs. Swabbed 26 BNO / 71 BAW in 14 hrs. Fair show of gas.
- 4-12-56 Western Co. acidized open hole 4685-4743 w/10,000 gals 15% SLT. 6.6 BPM, 39 mins. TP 5300-4500#. SIP 1 hr. 450#. Flowed 11 BLO in 1 hr. and died. Swabbed 8 BLO (all) in 30 mins., then swabbed 41 BNO / 140 BAW in 12 hrs. Good show of gas.

