

ATTACHMENT - WELL RECORD
STATE SEC. 27 WELL #1

TOTCO DEVIATION SURVEY

<u>Depth</u>	<u>Degrees off Vertical</u>	<u>Depth</u>	<u>Degrees off Vertical</u>	<u>Depth</u>	<u>Degrees Off Vertical</u>
1250	1/2	7141	1-1/4	9295	1
1810	1	7403	3/4	9375	1-1/2
2380	3/4	7530	3/4	9645	1-1/4
3150	3/4	7624	1-1/2	9725	3/4
3359	1	7779	2	10340	1-1/4
3640	3/4	7852	2	10772	1-1/2
3800	1	8239	2-1/4	11000	1-3/4
4400	3/4	8620	2	11208	3-1/2
6440	1-1/4	8836	1	11340	3-1/2
6798	1-1/4	9010	1	11565	4
7031	1-1/4	9190	1		

CORES

None

DRILL STEM TESTS

<u>No.</u>	<u>Date</u>	<u>From</u>	<u>To</u>	<u>No. Kind & Size of Perforations (or Open Hole)</u>	<u>Tool Set @</u>	<u>Chokes Top Bottom</u>	<u>Water Cushion</u>	<u>Time Tested</u>
1	9-15-58	8785	8836	Open Hole	8785	3/4" 1"	None	2 hrs.
(Bone Springs) Gas 2 hrs., TSTM, rec. 15' free oil + 105' sulphur wtr. cut drlg. mud. SFP 0#, BHFP 45#-65#. 30 min. BH SI 1740#. HH 3895#-3875#.								
2	9-16-58	8637	8884	Open Hole	8837	5/8" 1"	None	2 hrs.
(Bone Springs) Nil to surface. Rec. 50' free oil + 15' oil cut drlg. mud. 7400' gas in DP. Gty. 35.6° @ 60°. SFP 0#. BHFP 55#-60#. 30 min. SI BHP 480#. HH 3950#-3950#.								
3	9-18-58	8924	9010	Open Hole	8924	5/8" 1"	None	1 hr.
(Bone Springs) Nil to surface. Rec. 45' mud cut & gas cut drlg. mud. No oil, no wtr., weak blow air for 20 min., closed, reopened, died 5 min. SFP 0#. BHFP 60#-75#, 30 min. SI BHP 105#. HH 4000#-4015#.								
4	9-21-58	9140	9190	Open Hole	9140	3/4" 1"	None	20 mins.
(Wolfcamp) NTS. Rec. 66' drlg. mud, no shows - SFP 0#, BHFP 60-60#, 30 min. SIP 60#. HH 4075-4060#.								
5	9-26-58	9610	9645	Open Hole	9610	5/8" 1"	None	1 hr.
(Permo Penn) NTS. Opened w/weak blow to dead in 10 mins. Rec. 280' drlg. wtr. w/seum of form. oil in tools. BH temp. 180° F. SFP 0#, BHFP 175-175#. 30 min. SIP 200#. HH 4320-4320#.								
6	9-27-58	9645	9725	Open Hole	9645	5/8" 1"	None	1 hr.
(Permo Penn) NTS. Rec. 390' drlg. wtr. + 120' sli. gas cut drlg. wtr. SFP 0#. BHFP 200-200#. 30 min. SIP 1540#. HH 4300-4300#. Opened w/weak blow to dead in 8 mins. BH temp. 185° F.								
10-5-58	10540	10620	Open Hole	10540	5/8" 1"	None		1 hr.
(Penn Strawn) 2000' Nitrogen blanket. NTS. Rec. 245' drlg. fluid, NS. SFP 0#. BHFP 1112#-1112#. 30 min. SIP 1305#. HH 4645# in & out. Open w/strong blow to weak blow in 1 hr.								

FLIZING OR OTHER COMPLETION OPERATIONS

NE

