

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>DULLER'S LOG</u>			
0	77	77	Sand, caliche, red rock
77	800	723	Red beds
800	1349	548	Red beds, shells
1349	2288	939	Salt and shells
2288	2490	202	Salt and anhydrite
2490	3005	515	Salt anhydrite and lime
3005	3942	937	Lime
3942	4014	74	Lime and sand
4014	5247	1231	Lime
5247	5433	186	Lime and shale
5433	5500	67	Lime and sand
5500	7176	1676	Lime
7176	7303	127	Lime and shale
7303	7400	97	Lime
7400	7500	100	Lime and shale
7500	7576	76	Granite wash
	TD		

STRATIGRAPHIC CORRELATION

Anhydrite	1230
Salt	1430
Base salt	2430
Gilchrist	5174
Tubbs	6110
Drinkard	6455
Simpson	Missing
Mokos	Missing
Ellenberg	Missing
Granite	7500
TD in granite wash	7576
FD TD in Drinkard	6791

TEST LOGS

- #1 - 5598-5670 (Ellenberg) Open 1 hr. Gas in 2 min. Mud in 9 min. Rec. 50' Distillate out and and 80' distillate. Gas 2300 MCF/D. FP 399 to 275 psi. SIP 2000 psi.
- #2 - 5669-5770 (Ellenberg) Open 1 1/2 hrs. Gas in 26 min. Rec. 450' heavy O & G out mud. FP 65 to 190 psi. SIP 933 psi.
- #3 - 6472-6573 (Drinkard) Open 2 hrs. Gas in 42 min. Rec. 70' mud out oil, 80% oil and 180' O & G out mud, 15% oil. FP 52-94 psi. SIP 840 psi.
- #4 - 6573-6665 (Drinkard) Open 1 1/2 hrs. Gas in 25 min. Did not flow. DP unloaded with 2100' in hole. Ist. Rec. 1350' oil, 630' heavy O & G out mud and 120' salt water. FP 120 to 650 psi. SIP 1898 psi.
- #5 - 6902-6983 (Wichita-Albany) Open 1 1/2 hrs. No gas. Rec 80' slightly gas out mud. FP 25 psi. SIP 355 psi.
- #6 - 7149-7303 (Wichita-Albany) Open 1 1/2 hrs. No gas. Rec 180' slightly gas out mud with slight show of oil. FP 190 psi. SIP 550 psi.
- #7 - 7430-7576 (Granite Wash) Open 1 1/2 hrs. No gas. Rec. 500' slightly oil and gas out mud. FP 88 to 242 psi. SIP 335 psi.

OTHER TESTS AND ACID TREATMENTS

Open Hole test 7490-7576. 1500 gals. mud acid. Seabbed 6 hrs. w/light show oil. Insufficient to gauge.

Through perforations 7406-7420; 7420-26; 7450-60. FETD 7480 (Detrital zone) Acidized with 1000 gallons. Seabbed 12 hours. Estimated 1 b 1/hr. Acidized w/3000 gal. Seabbed 8 hours w/ no increase in oil or gas.

Through perforations 6530-72; 6573-6602; 6605-22; 6625-46 FETD 6791. (Drinkard). Acidized with 1000 gals. Seabbed and flowed 4-8 bbls/hr. Acidized w/3000 gals. Flowed 180 bbls oil/day, 20 bbls water/day thro 2 3/4" choke. GOR 1210. Attempted to test through 1" chokes and well would not flow.