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Arco "10" Federal No. 2

Drill Stem Test Summary

O. C. C.
ARTESIA, OFFICEDST # 1, 7080-7120'

Tool open w/strong blow immediately, GTS in 6 mins. In 8 mins. on 3/8" ck., surface pressure 85#, 334 MCF/D. In 10 mins. on 3/8" ck., surface pressure 95# @ 368 MCF/D. Tool shut in 60 mins. and reopened 90 mins.

<u>Time Tool Open</u>	<u>Ck.</u>	<u>Surface Pressure</u>	<u>Rate (MCF/D)</u>
10 mins.	3/8"	87	341
20	"	102	392
25	"	103	396
30	"	102	392
40	"	98	379
50	"	90	351
60	"	82	323
70	"	76	303
80	"	70	282
90	"	63	258

Recovered 30' of drlg. fluid. IHP 3212, Initial & Final Preflow - 150 (10 mins.), ISIP 2773, IFP & FFP 150 (90 mins.), FSIP 1807 (3 hrs.), BHT 138 deg.

DST # 2, 7630-7670'

Tool open 15 mins., good blow decreasing, shut in 60 mins., reopened 1 hr. GTS in 4 mins. after reopening, volume TSTM - well dead after 26 mins. S.I. 2 hrs., recovered 7005' water, 12,500 PPMCl. IHP 3421, Preflow 2290-2500, ISIP 3067, IFP 2815, FFP 2815, FSIP 3067, FHP 3317, BHT 142 deg. F.

DST # 3, 8934-9045'

Tool open initially for 15 mins., opened w/weak blow increasing, GTS in 10 mins. @ 190 psig on 3/8" ck. In 15 mins. 265 psig on 3/8" ck., 950 MCF/D. Shut in 1 hr. Reopened on 3/8" ck. for 75 mins.:

<u>Minutes</u>	<u>Pressure</u>	<u>MCF Gas/Day</u>
5	270	965
10	722	2500
15	1090	3750
20	1375	4750
25	1560	5350
30	1690	5800
35	1760	6050
40	1800	6140
45	1820	6240
50	1830	6285
75	1830	6285

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