

STATE "AZ" NO. 1

DRILL STEM TESTS

DST No. 1 - 5498-5591 (93') San Andres. Tool open 40 mins., TC 1", BC 5/8", tool opened with no blow-bypassed tool twice, still no blow. No air or gas to surface. Recovered 2' water cut oil below circulating sub. IFP 20#, FFP 20#, 30 min SIP 280#, MCP 2400#.

DST No. 2 - 7380-7454 (74') Clearfork. Tool open 2 hrs., died in 1 hr. 40 mins. after opening with weak blow. TC 1", BC 5/8", air immediately-no gas. Recovered 40' drlg. fluid & 1 gallon oil plus 360' salt water (4" drill pipe) oil gravity 24 deg. IFP 195#, FFP 195#, SIP 685#, MCP 3170#, MCP out 3145#.

DST No. 3 - 11,202-11,236' (34') Hueco, TC 1", BC 5/8". Tool open 25 mins., 1000' water blanket. Tool opened w/very weak blow, died immediately, bypassed tool, opened with weak blow, died in 7 mins., packer failed. Rec. in 4" drill pipe 819' slightly mud cut water blanket, 181' mud and gas cut water blanket, and 1214' gas cut drlg. mud. SFP 0#, IFP 505#, FFP 505#, SIP 505#, MCP in 5170#, MCP out 5170#.

DST No. 4 - 11,474-11,505' (31') Penn. Tool open 2 hrs., TC 1", BC 5/8", 1000' water blanket, tool opened w/weak blow, continued weak throughout test. Rec. in 4" drill pipe 273' water blanket, 364' gas cut water blanket, 363' mud and gas cut water blanket plus 427' salt water. SFP 0#, IFP 520#, FFP 740#, 30 min SIP 3320#, MCP in 5300#, MCP out 5260#.

DST No. 5 - 13,036-13,074 (38') Devonian, tool open 1 hr., TC 1", BC 5/8" water blanket 1000', air immediately, tool opened w/weak blow, died in 1½ mins. Rec. 1000' water blanket & 6' drlg. mud w/trace oil in 4" drill pipe. IFP 490#, FFP 500#, 30 min SIP 780#, MCP in 6200#, MCP out 6160#.

DST No. 6 - 13,078-13,139' (61') Devonian, tool open 1 hr., TC 1", BC 5/8", water blanket 1025', tool opened w/strong blow, died in 55 mins. Rec. 11,995' fluid being 744' fresh water blanket, 1116' heavy gas cut & slightly fresh water cut mud, 465' mud cut slightly salty water, 9670' salt water slightly sulfur cut. IFP 4485#, FFP 5405#, 30 min SIP 5405#, MCP in 6130#, MCP out 6130#.

1.0A "VA" STAGE

STANT NETA JUL 69

TO THE
NO. 1 - 8098-2521 (631) San Andreas. Tool open 10 mins.,
Tool opened with no blow-by-passed tool twice, still no blow.
Recovered 20 water cut oil below circulating sand.

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TOP IN 5200', 400' OUT 5100'.
Blanket, and 121A' gas out 5100'. 51P ON, 11P 5000, 21P 5000, 31P 5000, 41P 5000, 51P 5000.
Purged tool, opened with weak blow, died in 7 mins., packer failed. Dec. 10
121A' water blanked. Tool opened w/very weak blow, died immediately. 121-
121P No. 1 - 11, 202-11, 282' (31P) success, 121P, 121P 5000, 21P 5000, 31P 5000, 41P 5000, 51P 5000.

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1. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
2. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
3. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
4. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
5. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
6. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
7. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
8. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
9. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.
10. 1000' water blanked & 1' drg. and 1/2" hose off in 1/2" drill pipe. 1 1/2" pipe.

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