

- DST # 1: 5200' - 5573' (373' San Andres Dolomite). Tool open 2 hours thru 5/8" BC & 1" TC on 4" DS. Immediate weak air blow increasing to good after 5 minutes. Remained good until last 20 minutes of test when decreased to weak. No gas to surface. Recovered: 3500' (37.8 bbls.) low gravity oil & mud cut salt water w/sulphur odor. FBHP 330 - 1750 psi. 30 minutes SIBHP 2075 psi. HMH 2625 psi. Positive Test. (Johnston)
- DST # 2: 9593' - 9844' (251' Wolfcamp limestone & dolomite). Tool open 1 hour thru 1" BC & 1" TC on 4" DS. Immediate poor air blow decreasing to poor at end of test. NGTS. When closing combination shut in & circulating tool, tool was closed too far & circulating ports opened filling drill pipe above tool w/mud. Recovered: 60' (0.3 bbls.) drilling mud w/no shows below combination tool (when tool is set to reverse out sample is sealed below same). FBHP 190 - 282 psi. 30 minutes SIBHP 3338 psi. HMH 4942 - 4565 psi. Test considered conclusive. (Halliburton)
- DST # 3: 10,218' - 10,353' (135' lower Wolfcamp). Tool open 3 hours thru 5/8" BC & 1" TC on 4" DS. Immediate strong air blow. GTS in 19 minutes. Blow gradually decreased to moderate at end of test. Pulled 68 stands & drill pipe unloaded. Estimated total recovery: 3300' (36.3 bbls.) clean oil / 350' (1.7 bbls.) heavily gas cut mud. FBHP 250 - 1125 psi. 30 minutes SIBHP 3575 psi. HMH 5250 psi. Positive Test. (Johnston)
- DST # 4: 10,355' - 10,445' (90' Wolfcamp & Pennsylvanian limestone & shale). Tool open 15 minutes thru 5/8" BC on 4" DS. Immediate poor air blow dying in 5 minutes. Bypassed packer w/mud & upon reopening tool had weak air blow dying in 2 minutes. NGTS. Recovered: 40' (0.2 bbls.) drilling mud w/no shows. FBHP estimated 25 psi before bypassing packers & 75 psi after. 30 minutes SIBHP 75 psi. HMH 5300 psi. Positive Test. (Johnston)
- DST # 5: 13,537' - 13,591' (54' Devonian dolomite & lime) w/4500' water blanket. Tool open 30 minutes thru 1" BC & 1" TC on 4" DS w/few bubbles & died. Bypassed packers w/mud & reopened tool for 15 minutes w/few bubbles & died. Shut in 15 minutes. Recovered: 4500' water blanket & 20' drilling mud, no shows. FBHP 2045 psi. 15 minutes SIBHP 2130 psi. HMH 6212 - 6160 psi. Positive Test. (Johnston)
- DST # 6: 13,587' - 13,617' (30' Devonian dolomite & lime) w/4600' water blanket. Tool open 45 minutes thru 5/8" BC & 1" TC w/weak blow for 5 minutes then died. Bypassed packers w/mud & reopened tool for 15 minutes, no blow. Shut in for 30 minutes. Recovered: 4600' water blanket & 8' drilling mud, no shows. FBHP 2025 psi. 30 minutes SIBHP 1845 psi. HMH 6750 - 6500 psi. Positive Test. (Johnston)
- DST # 7: 13,627' - 12,647' (20' Devonian dolomite) w/1000' Water blanket. Tool open 1 hour thru 1" TC & 1" BC on 4" DS. Weak air blow immediately dying in 20 minutes. NGTS. Recovered: water blanket / 32' mud. No evidence of formation fluid. FBHP 565 psi. 30 minutes SIBHP 705 psi. HMH 6500 - 6455 psi. Positive Test. (Halliburton)
- DST # 8: 13,628' - 13,687' (59' Devonian dolomite). Tool open 2 hours thru 1" TC & 5/8" BC on 4" DS w/1000' water blanket. Moderate air blow immediately increasing to good throughout test. NGTS. Pulled 79 stands encountered oil. Flowed to pits estimated 30 bbls. in 15 minutes. Then reversed out 34 BO / 6 1/2 BW in 45 minutes. Gravity 60.3 deg. API. Water titrated 14,000 ppmCl<sup>-</sup>. Equalized & started pulling remainder of drill pipe. Recovery left in pipe 180' heavily oil & gas cut mud. FBHP 900 - 2025 psi. 30 minutes SIBHP 3960 psi. HMH 6525 psi - 6390 psi. No evidence of formation water. Positive Test.

[illegible]

conclusive. (initials)  
30 minutes later 3980 psi. 100% gas - 4000 psi. last considered  
reverse our sample is sealed below same). PUMP 100 - 3980 psi.  
drilling mud which shows below combustion tool (when tool is set to  
filling drill pipe above tool) (and recovered: 60 (C.S. data).  
combustion tool, tool was closed too far & circulating ports opened  
to open at end of test. NOTE: In a closing combustion shut in &  
four first 1700 x 1700 on A " " . Immediate post air flow decreasing  
- 3980' - 3980' (initials) (initials) (initials) (initials) Tool open I

10, 2141 - 10, 2521 (lower altitude). Wind over 3 hours this  
 2400' (25, 2521) clean off 4, 2521 (10, 2521) heavily has out and  
 1100 250 - 1125 est. 30 minutes 1100 2521 est. 1100 2521 est.  
 (positive) (negative)

10,351 - 10,451 (90' below a Pennsylvanian limestone & shale).  
Tool over 15 minutes thru 8" to 1" dia. immediate poor air  
flowing in 2 minutes. Bypassed packer wind & upon recording  
cool had weak air blow during in 2 minutes. NOT. Recovered: 40'  
(0.3 dia.) drilling run w/no show. 150' estimated 25' oil before  
bypassing packers & 75' oil after. 30 minutes - 1017 75' oil. 1018  
5300 psi. (positive Test. (Johnson)

15 minutes HIGH 2100 psi. 1001 6212 - 0140 psi. Positive Test.  
 4500' water planked & 20' drilling and no shows. 1001 6212 psi.  
 minutes w/flow supplies & died. 1001 6212 psi. 1001 6212 psi.  
 bubbles & died. Bypassed packers w/and a response tool for 15  
 minutes. Tool over 30 minutes and 1500 psi on "A" in w/flow  
 1001 6212 psi. 1001 6212 psi. 1001 6212 psi. 1001 6212 psi.

13,58V - 13,61V (30) evenish dolomite & lime w/4500' water  
blasted. Tool down 45 minutes with 1" to 2" w/weak flow  
for 1 minute then died. Hypoxized workers w/mud & reopened tool  
for 15 minutes, no flow. Shut in for 5 minutes.  
Recovered.  
4500' water blasted & 5' drilling mud, no flows. FIRM 3125 - 31.  
30 minutes. 13,62V 13,65V - 13,68V - 4500' pos. Positive Test.  
(Johnson)

minutes after 1000 - 0455 pos. Positive Test.  
A 3rd man. No evidence of formation fluid. FHR 505 bpm. 30  
minutes. Recovered. 100%. Immediately dying in 30 minutes. water blanked  
Test began 1 hour after 1000 - 1000 on 4th. 100%. can sit down  
1000 - 1000. (100% formation fluid) water blanked.

13,638' - 13,647' (5') - evenness (slight). Tool open 2 hours from 13,647' to 13,658' on 12/12/1000 water blanked. 13,658' - 13,668' (10') - immediately increasing to good throughout test. 13,668' - 13,678' (10') - steam encountered oil. Flowed to pipe estimated 30 bbls. in 15 minutes. Then reversed out 34 3/4" in 45 minutes. Gravity 60.3 deg. 13,678' - 13,688' (10') - water started 14,000 comp. 13,688' - 13,698' (10') - drilling remainder of drill pipe. recovery left in pipe 180' heavily oil & gas on mud. 13,698' - 13,708' (10') - 30 minutes 13,708' - 13,718' (10') - 30 minutes 13,718' - 13,728' (10') - 30 minutes 13,728' - 13,738' (10') - 30 minutes 13,738' - 13,748' (10') - 30 minutes 13,748' - 13,758' (10') - 30 minutes 13,758' - 13,768' (10') - 30 minutes 13,768' - 13,778' (10') - 30 minutes 13,778' - 13,788' (10') - 30 minutes 13,788' - 13,798' (10') - 30 minutes 13,798' - 13,808' (10') - 30 minutes 13,808' - 13,818' (10') - 30 minutes 13,818' - 13,828' (10') - 30 minutes 13,828' - 13,838' (10') - 30 minutes 13,838' - 13,848' (10') - 30 minutes 13,848' - 13,858' (10') - 30 minutes 13,858' - 13,868' (10') - 30 minutes 13,868' - 13,878' (10') - 30 minutes 13,878' - 13,888' (10') - 30 minutes 13,888' - 13,898' (10') - 30 minutes 13,898' - 13,908' (10') - 30 minutes 13,908' - 13,918' (10') - 30 minutes 13,918' - 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