RECORD OF DRILL STEM TESTS

7981' Total Depth, Ran DST with packer set at 7957', 5/8" bottom and 1" top chokes, perforations: 7958'-7978'. Tool open at 9'40PM with light blow of air that decreased to very slight blow of air at end of thr. test. Tool closed at laiden for 15 min build up. Recovered 15' oil, 90' oil cut mud. Flow press. Of, Hydro press 3790%, 15 min. build up pressure Of. Amerada Bombs Hadro in 3750%, hydro out 3725%, flow 50%,

build up 50%.

- 1-7-48
 8001' Total Depth, Ran DST with 2 packers set at 7973' and 7980', 5/8"
 bottom and 1" top chokes. Perferations 7981'-7998'. Tool open at 7:10FM
 with very slight blow of air immediately that continued throughout 4 hs.
 test. Tool closed at 11:10FM for 15 min build. Recovered 590' sulphur
 water, no oil, no gas. Hydre press. 3750f, flow press 210f, 15 min build
 up pressure. 3100f.
- 1-8-48

 8570: Total Depth. Ran DST with packer set at 8553', 5/8" bottom and 3/8" top chokes, perforations: 8554'-8567'. Tool open at 12:02AM with good blow of air immediately. Sas in 6 mins. Cas decreased rapidly the first hour and was a very slight blow at end of 4 hour test. Tool closed at 4:02AM for 15 min. build up. Resovered 40' of oil and gas cut mud and 5 gallons of heavy oil. Hydre press. 4150f and out 4190f, flow press. 200f dropping to 50f; no build up pressure. Amerada Bomb: Hydre in-4050f, out4035f, flow 95f dropped to 50f, no build up pressure.
- 6601 Total Depth. Ran DST with packer set at 8570', perforations: 8571'8598', 5/8" bottom and 1" top chokes. Tool open at 7:29AH with gas to surface in 5 mins. Steady blow at rate of 2,800 cu. ft. per day that decreased alightly at end of 5thr test. Tool closed at 12:45PM. Recovered 282' of oil alightly cut with mid, 180' heavy mid cut with oil and gas, 210' of this mid cut with oil and gas and with possible shot of formation water. Hydro press. 3900%, Flow press. 100%, did not take any build up press. Gravity 33.5 corrected.
- 8621' Total Depth, Han DST with packer set at 8600', perforations: 8601'-8617', 3/8" bottom and 1" top chokes. Tool open at 2PM with very slight blow of air immediately that stopped in 30 mins. No gas. Tool closed at 3:34PM for 15 min. build up pressure. Recovered 30' good drilling mud, 30' discolored mud. Hydro press. 4125%, flow press. 0%, 15 min build up pressure 0%.
- 1-24-48
 8690' Total Depth, Han DST with packer set at 8621', perforations: 8622'8687', 5/8" bottom and 1" tep chokes. Tool open at 7:35PN with light blow
 of air immediately that stepped in 45 mins. Tool closed at 9:35PN for
 15 mins. build up. Recovered 155' drilling mud, 25' black mud and water.
 Hydro press. 4000, flow press. 200, 15 min build up press. 1200.
- 1-27-48

 8785' Total Depth, Ran DST with packer set at 8735', perforations: 8736'37', 8764'-82', 5/8" bottom and 1" top chokes. Tool open at 5:45PM with
 very light blow of air fer 6 mins. Tool closed and opened at 6:00PM with
 very light blow of air and also at 6:25PM with same results. Tool closed at
 7;45PM for 15 min build up. Recovered 90' mud and 6' sulphur water. Hydro
 press. 4200#, Flow press. 600# to 50#, 15 min build up press. 2500#
- 3-6-48

 10641: Total Depth. Ran DST with packers set at 10579:-10587; perforations from 10588: 10610:, 5/8" bottom and 1" top chokes. Tool open at 4:42PM with good bloe of air immediately that gradually decreased to very light blow at end of 5 hr. test. Tool closed 8:42PM for 15 min build up. Recovered 225: drilling mad. Hydro press. 4900%, flow press. 150%, 15 min. build up pressure 825%.

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7961 Total Depth, dan DJT with pecker set at 7957; 76 bottom a difference on chess, performisoner 79581-7976. Tool open at 150PM with light blow of air that decreesed to very slight blow of air that of the chess of air that discrete if air build up. decovered if of the cold of the cat mus. The press. Of, Hair press. 150%, 150PM, 15 min. build up pressure of the cat mus. The press. Of, Hair press. 150PM, andre out 372PM, fire out 372PM, the 50%, build up build of the cold.

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Sand Comment

SUCH foral Depth, and of which H process set at 7973; and 7980; 5,8% notices and 1% top enokes. Performing 7981-7978; vool open at 7:1088 atth very chight blow of the threadistely that continued throughout a 76, test, look closed at 11:1080 for 15 ain build, Recovered 590; salphur a cover, no oil, so gas, Spain press, 2750s, that press 216s, 15 ain build by pressure. Another

ASTON Total Depth. Ann LOT with packer set at \$353. 1/80 cotton and Tibr backer, pariorations: \$356-8567. Tool open at 18:02AM with mode along of air in ediately. One in a few decreased rapidly the first near and was a very alith blow at out of 4 hour test. Tool alesed at 4:02 H for 15 air. build up, hecovered 40 of oil and gas out nod and 1:02 H for heavy oil. Hydro press. 11:00 and 11:00 press. 11:00 are inverse. Hydro frees. 11:00 pressure. 10:00 in pressure. 10:00 out 10:00 in the 10:00 pressure.

8601' Total Depth. and D I will packer sat at 8570', serforetions: Dilling 998', 5/3" bottom end 1" dop drower. Tool open at 7:29:M with the test to receive in a large for a large in the same of the part of the same archessed sate at the same of the same of

soll form upph, un. " with lacker set at 2001, perforations of N."SELP!, 3/Sr notion and 1° top choses. Test upon at 2PR with very slight
alow of air landtabely was stopped in 20 wins. No gas. Test closed at
1. The for 15 min. built to present the creat 30' good drilling rec.
30' discolored and. It are class they was press. Of, 15 win build up
corners of.

Styll local Septh, Star 2 latte psoker set at 8621, perforational starts Start, 3/80 latton set in the set of chees. Set open at 7:352% with light blow of air insediately that stoppes in 65 mins. Sool closed at 7:35% for the constant in the stoppes in 65 mins. Sool closed at 7:35% for the constant in the set of the se

span lend that the path that lacker set at 1735, perforetioner 2736 - continued the path that the property of the state of the path that the property of the path of the form of the form of the state o

Lacher read looth, an DSF with packers set 10579-10537, so formed to from 10535; - (Court, 1/8 hottom and is map makes. Tool open at his simulation of air immediately that gradually decreases to very light blow at and of 1 nr. test. Tool closed Silling lor 15 min build up. Here covered LCSF drilling and. Sydro press. 19008, flow press. 1546, 15 min.