

DST RESULTS

DST No. 1 : 11,155' - 11,325' to test drilling breaks in Atoka sands from 11,172-74 and 11,274-284. Test failed, packer did not hold. (1,000' water blanket).

Circulated 4 hours prior to coming out of hole to run test tool.

DST No. 2 : 11,080' - 11,325' (245 feet) to test Atoka sands.

Opened tool for 30" pre-flow with weak blow increasing to good blow, then strong blow; 3/4 Psi at surface, No Gas to Surface. Closed tool for 1 hour ICIP. Opened tool for 1 1/2 hour second flow period with weak blow increasing to strong blow in 30". 1/2 Psi at surface, No Gas to Surface. Ran 1,170' water blanket.

IFP preflow : 535#
FFP preflow : 925 (30 mins.)
ICIP : 3349 (1 hour)
IFP final flow : 949
FFP final flow : 1312 (1 1/2 hours)
FCIP : 3324 (3 hours)

HP In & Out : 5839

Recovery : 1170' Gas Cut Water Blanket.
90' Gas cut mud with slight trace of oil.
674' Slightly mud and gas cut formation water,
Chlorides 75,000 ppm (Pit Sample 76,000 ppm).
917' Gas cut mud.

Sampler plugged, no pressures, contained water with Chlorides 38,000 ppm.

BHT 168 degrees F

DST No. 3, 11,440' - 11,740', miss run, packer failed. Plan to make second attempt from 11,528' - 11,740' after conditioning hole. (Circulated 5 hours prior running test tool for DST No. 3).

TD 11,740', lime and chert. Pulled test tool after miss-run, ran bit to condition hole prior to attempting DST No. 4 from 11,528' - 11,740'. Conditioned mud and circulated for seven hours. Started out of hole, pulled four stands, drill pipe attempting to stick. Ran back to bottom to drill ahead while conditioning hole. DST No. 4 cancelled, hole in jeopardy.

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Rex Alcorn No. 1 David, Sec. 33, T10S, R36E, Lea County, NM

DST RESULTS (Continued)

DST NO. 4 : Devonian 12,365' - 12,575' (1,000' Water Cushion)

Opened tool for 30" pre-flow with good blow increasing to strong blow (4 PSI to 10 PSI. Closed tool for 60 mins for ICIP. Opened tool for second flow with weak blow (2 1/2 PSI) decreasing to 0 PSI, died in 25". Closed tool for FCIP for 67".

Pre-Flow	:	IFP	1094	Top Chart @ 12,347'
30 mins.		FFP	3739	
		ICIP	4545	60"
Final Flow	:	IFP	3934	
30 mins.		FFP	4545	
		FCIP	4545	67"
		HP	6278	In and Out

Recovery: 1000' water cushion, 7414' formation water, and 1860' drilling mud. Sampler, 2400 cc's formation water.

DST No. 5 : 11,519' to 11,748', 229' between packers. CRC Wireline ran Gamma Ray with Collar Locator to ascertain correct position of packers. Opened 30" with weak blow, shut-in for 94", opened tool for 21" with very weak blow, then shut-in for 17". Sidewall anchor slid down hole 7 feet in setting packers, thus testing only lower 14 feet of 30 foot sand at 11,510 feet. Moved packers up hole and set at 11,484' to 11,713'. Opened tool for 30" with weak blow, only slightly stronger than pre-flow on first interval; shut-in for 60", opened tool for 30" for second flow with very weak blow, died in 15"; Shut in for 15 minutes and pulled tool. Ran 640' water cushion.

First Interval (11,519' to 11,748') :

Pre Flow	:	IFP	40	
(30 mins.)		FFP	44	
		ICIP	110	97 mins.

Second Flow	:	IFP	44	
(21 mins.)		FFP	44	
		FCIP		17 mins. Could not read in field.

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DST RESULTS (Continued):

DST No. 5 (Continued)

Second Interval (11,484' to 11,713') :

Pre Flow : (30 mins.)	IFP	46	60 mins.
	FFP	48	
	ICIP	110	

Second Flow : (30 mins)	IFP	48	15 mins., Pulled too high re- sulting in hydrostat pressure.
	FFP	48	
	FCIP		

HP In and Out: 5993

Recovery : 640' Water Cushion and 360' drilling mud with very slight amount of distillate at top of mud and base of water cushion. Sampler, 2200 cc's of drilling mud.