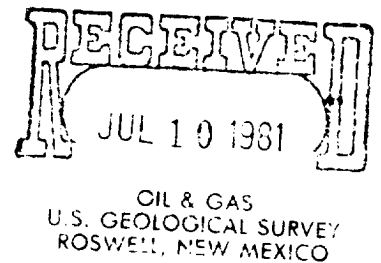


DST #1 (9488'-9650'): TO 10 mins w/weak blow & losing 1 BPM of mud on back side. TC 60 mins, took 44 bbls to keep back side full during 60 min SI period. Reopened tool 60 mins w/weak blow to "dead" in 40 mins. Final SI 60 mins.

Recovery: 6384' drlg fluid, chlorides: top 150,000 ppm  
 btm 145,000 ppm  
 pit 159,000 ppm

Sampler @ 1200#, recovery: 1 cf & 2300 cc gas cut drlg fluid, chlorides 145,000 ppm.

	24 hr Clock
IHP	5070
IPFP & FFP (10 mins)	921
ISIP (60 mins)	2249
IFP	3285
FFP (60 mins)	3307
FSIP (60 mins)	3616
FHP	5070
BHT 160° F	



DST #2 (10,818'-10,888'): TO w/very weak blow, increasing to strong blow from bottom of bucket in 2 mins, in 5 mins put on 3/8" ck to pit, in 10 mins had 14# on 3/8" ck, in 15 mins had 25# on 3/8" ck w/indicated rate of 129 MCF of air/day, TO 15 mins. Had gas to surface in 19 mins, or 4 mins into ISI period. TC 60 mins, reopened tool 4 hrs on 3/8" ck:

Time Open	Surface Pressure	Rate MCF/GPD
3 mins	20#	112
18 "	50	221
33 "	78	309
60 "	105	401
120 "	130	486
180 "	150	554
240 "	160	588

TC 12 hrs.

DST #2 (Cont'd): Recovery - 356' (3.8 bbls) drlg mud.  
 Pressures: Clocks in pressure bombs did not work properly, pressures are not valid:

IHP	5793
1st Flow (15 mins)	51-152
ISIP (60 mins)	2756
2nd Flow (240 mins)	152-287
FSIP (12 hrs)	2759
FHP	5793

DST #3 (Morrow: 10,814'-10,884'): No surface indication of gas entering drill pipe - tool plugged.

(Atoka: 10,340'-10,410'): Opened tool, had 6# on bubble hose. SI tool, but could not get complete SI - tool was SI 60 mins w/slight blow continuing. Dropped bar & reversed gas out of drill pipe - indicated SIP of 4410 psig in 60 mins w/tool leaking.

DST #4 (Morrow 10,806'-10,879'): Opened tool w/very weak blow, increasing to blow from bottom of bucket in 2 mins.

Time Open	Ck	Surface Pressure	Rate MCFPD (Air)
8 mins	3/8"	14#	92
10 "	"	20	112
12 "	"	29	143
15 "	"	39	177

Tool open 15 mins. Gas to surface in 17 mins (or 2 mins after closing tool). Tool closed 120 mins. Reopened tool w/strong blow of gas.

Time Open	Ck	Surface Pressure	Rate MCFPD (Gas)
5 mins	3/8"	20#	112
10 "	"	41	184
30 "	"	93	360
60 "	"	139	517
120 "	"	167	612
180 "	"	181	660

2nd opening 180 mins, 2nd closing 9 hrs.