



TICKET NO. 40649000
14-JUL-86
FARMINGTON

FORMATION TESTING SERVICE REPORT

LEASER LOCATION SEC. - TWP. - RMC.	9 29N 2W	WILCOBT	STATE NEW MEXICO SH
LEASER NAME	1-H-9	TEST NO. 1	UNION OIL COMPANY OF CALIFORNIA
TESTED INTERVAL	6179.0 - 6204.0		LEASE OWNER/COMPANY NAME

GAUGE NO.: 2032		DEPTH: 6158.0		BLANKED OFF: NO		HOUR OF CLOCK: 24	
ID	DESCRIPTION	PRESSURE		TIME		TYPE	
		REPORTED	CALCULATED	REPORTED	CALCULATED		
A	INITIAL HYDROSTATIC	3120	3100.8				
B	INITIAL FIRST FLOW	53	25.4				
C	FINAL FIRST FLOW	53	25.5	11.0	11.0	F	
C	INITIAL FIRST CLOSED-IN	53	25.5				
D	FINAL FIRST CLOSED-IN	79	49.2	75.0	75.0	C	
E	INITIAL SECOND FLOW	53	25.7				
F	FINAL SECOND FLOW	53	25.7	60.0	60.0	F	
F	INITIAL SECOND CLOSED-IN	53	25.7				
G	FINAL SECOND CLOSED-IN	53	35.9	120.0	120.0	C	
H	FINAL HYDROSTATIC	3094	3087.7				

GAUGE NO.: 2033		DEPTH: 6201.0		BLANKED OFF: YES		HOUR OF CLOCK: 12	
ID	DESCRIPTION	PRESSURE		TIME		TYPE	
		REPORTED	CALCULATED	REPORTED	CALCULATED		
A	INITIAL HYDROSTATIC	3143	3113.8				
B	INITIAL FIRST FLOW	27	47.0				
C	FINAL FIRST FLOW	27	48.7	11.0	11.0	F	
C	INITIAL FIRST CLOSED-IN	27	48.7				
D	FINAL FIRST CLOSED-IN	54	70.8	75.0	75.0	C	
E	INITIAL SECOND FLOW	27	45.9				
F	FINAL SECOND FLOW	27	45.9	60.0	60.0	F	
F	INITIAL SECOND CLOSED-IN	27	45.9				
G	FINAL SECOND CLOSED-IN	27	54.2	120.0	120.0	C	
H	FINAL HYDROSTATIC	3116	3091.8				

4064 90-2033

EQUIPMENT & HOLE DATA		TICKET NUMBER: 40649000	
FORMATION TESTED: MESA VERDE		DATE: 7-6-86 TEST NO: 1	
NET PAY (ft): 10.0		TYPE DST: OPEN HOLE	
GROSS TESTED FOOTAGE: 25.0		HALLIBURTON CAMP: FARMINGTON	
ALL DEPTHS MEASURED FROM: KELLY BUSHING		TESTER: D. GUNN	
CASING PERFS. (ft):		WITNESS:	
HOLE OR CASING SIZE (in): 12.250		DRILLING CONTRACTOR: PARKER DRILLING RIG #116	
ELEVATION (ft): 2487.0 KELLY BUSHING			
TOTAL DEPTH (ft): 6204.0			
PROCKER DEPTH(S) (ft): 6179.0, 6179			
FINAL SURFACE CHOKER (in):			
BOTTOM HOLE CHOKER (in): 0.750			
MUD WEIGHT (lb/gal): 9.50			
MUD VISCOSITY (sec): 41			
ESTIMATED HOLE TEMP. (°F):			
ACTUAL HOLE TEMP. (°F): 152 @ 6200.0 ft			
FLUID PROPERTIES FOR RECOVERED MUD & WATER SOURCE		SAMPLER DATA	
RESISTIVITY CHLORIDES		Psg AT SURFACE: 10.0	
MUD P.L. 0.520 @ 91.9°F 5454 ppm		cu.ft. OF GAS:	
DRILL PIPE 0.400 @ 85.9°F 7212 ppm		cc OF OIL:	
SAMPLER 0.420 @ 83.9°F 7515 ppm		cc OF WATER:	
		cc OF MUD: 2400.0	
		TOTAL LIQUID cc: 2400.0	
HYDROCARBON PROPERTIES		CUSHION DATA	
OIL GRAVITY (°API): °F		TYPE AMOUNT WEIGHT	
GAS/OIL RATIO (cu.ft. per bbl): °F		MEASURED FROM TESTER VALVE	
GAS GRAVITY: °F			
RECOVERED:			
20 FEET OF DRILLING MUD			
REMARKS:			

TYPE & SIZE MEASURING DEVICES				TICKET NO.: 40649000
TIME	CHOKER SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID BPD
7-6-86				
1945				
2000				
7-7-86				
0015				
0100				
0426				
0430	1/8" BH	0		
0441	"			
0556	"			
0615	"			
0650	"			
0656	"			
0856	"			
0915				
1330				
1500				

EQUIPMENT DATA				TICKET NO. 40649000
	O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE.....	4.500	3.826	5403.0
3	DRILL COLLARS.....	6.500	2.875	451.0
3				
3	DRILL COLLARS.....	8.500	3.000	192.0
5	CROSSOVER.....	7.625	2.438	1.1
50	IMPACT REVERSING SUB.....	5.688	2.750	1.0
5	CROSSOVER.....	7.750	3.000	0.9
3	DRILL COLLARS.....	8.500	3.000	93.0
5	CROSSOVER.....	8.500	2.875	2.4
5	CROSSOVER.....	7.750	3.000	1.0
13	DUAL CIP SAMPLER.....	5.750	0.870	7.0
60	HYDROSPRING TESTER.....	5.000	0.750	5.0
80	AP RUNNING GASE.....	5.000	2.250	4.0
15	JHR.....	5.030	1.750	5.0
16	VA SAFETY JOINT.....	5.000	1.000	3.0
70	OPEN HOLE PROCKER.....	11.250	1.680	6173.0
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70	OPEN HOLE PROCKER.....	11.250	1.680	6173.0
20	FLUSH JOINT RANCHER.....	5.750	3.000	19.0
31	BLANKED-OFF RUNNING GASE.....	5.750		6201.0
TOTAL DEPTH				6204.0