

Schlumberger	FIELD REPORT	TYPE OF SERVICE OPEN-HOLE DST	DATE 18-JUL-91	STRICT 688
	ELL OWNER: COLLINS & WARE, INC.	SERVICE ORDER NUMBER: 129381		

EXPORT ADDRESS:

WELL NAME & NO.: 81X SHOOTER "13" FEDERAL #1	FIELD: UND. MORROW	LEASE:
LOCATION: 813T208R33E	COUNTY: LEA	STATE: NM
☐ ONSHORE ☐ OFFSHORE ☐ INLAND WATERS ☐ WILDCAT ☐ DEVELOPMENT ☐ PRODUCTION		
EST NO. ONE	TEST INTERVAL FROM 9342 FT TO 9421 FT	FT - 79 FT

SURFACE DATA						EQUIPMENT SEQUENCE					
DESCRIPTION	DATE	TIME OF DAY	PRESS PSI	SURFACE CHOKER	PRESS IN-HO	COMPONENTS	SERIAL#	CD	ID	LENGTH	DEPTH
SET PACKER	18-JUL	06:34				DRILL PIPE		5.00	3.50	8432	
START FLOW		06:36	0			DRILL COLLARS		6.25	2.25	178	
weak blow on 1/8" choke		06:41	3 oz			REVERSE SUB		6.25	2.25	1.00	
		06:46	4 oz			DRILL COLLARS		6.25	2.25	87	
END FLOW & START SHUTIN		06:51	5 oz			CROSSOVER		6.25	2.25	1.00	
blow down on 1/2" choke						MULTI-FLOW EVALUATOR		5.00	0.94	10.65	9302
END SHUTIN		08:06				OPEN-HOLE BYPASS		4.75	1.80	3.27	
START FLOW		08:08	8 oz			RECORDER (ELECTRONIC)		4.75	0	5.90	9316
strong blow on 1/8" choke		08:11	23 oz			HYDRAULIC JNR		4.75	1.80	7.51	
		08:13	2.2 #			SAFETY JOINT		4.75	2.25	1.97	
		08:18	2.6 #			8" PACKER		8.00	1.50	5.31	9336
# = psi		08:23	3 #			8" PACKER		8.00	1.50	6.23	9342
		08:28	3.5 #			PERFORATION		5.75	2.25	10.09	
		08:33	3.9 #			CROSSOVER		6.25	2.25	0.20	
		08:38	4.3 #			DRILL COLLAR		6.25	2.25	30.92	
		08:43	4.7 #			CROSSOVER		6.25	2.25	0.49	
		08:48	5.1 #			PERFORATION		5.75	2.25	24.75	
		08:53	5.6 #			RECORDER J200-1588		5.75	0	6.15	9408
		08:58	6 #			RECORDER J200-1839		5.75	0	6.95	9414
		09:03	6.3 #								
		09:08	6.6 #								
		09:13	7.1 #								
END FLOW & START SHUTIN		09:18	7.5 #								
blow down on 1/2" choke											
END SHUTIN		13:18									
PULL LOOSE		13:19									

WELL BORE DATA					
CUSHION	LENGTH	AMOUNT	SURFACE PRESS	CUSHION TYPE	BUT CHOKER SIZE
			NONE	0.94	
FORMATION TESTED BONE SPRINGS					
NET PRODUCTIVE INTERVAL 12 ft EST. POROSITY 10 %					
ELEVATION 3604 ft DEPTH MEASURED FROM GR					
TOTAL MEASURED DEPTH 9421 ft					
OH SIZE 8.50 in					
CASING SIZE					
LINER SIZE					
PEAF INTERVAL FROM ft TO ft					
SHOT DENSITY					
TOTAL SHOTS OVER/UNDER BALANCE PRESS PSI					
MUD DATA					
MUD TYPE CUT BRINE MUD WT 8.9 #/gal					
VISCOSITY 30 WATER LOSS N/C CC					
RESISTIVITY OF MUD .15 @ 60 °F					
OF FILTRATE @ °F					
CHORIDES 46,000 PPM					
H ₂ S DURING TEST 0 PPM					
REMARKS:					
THIS DRILL STEM TEST WAS MECHANICALLY SUCCESSFUL.					
THE TESTED INTERVAL FLOWED 35 BBL FORMATION WATER					
INTO THE DRILL BITTING. THERE WAS ALSO A TRACE OF					
HYDROCARBONS. THE RECOVERY WAS REVERSED INTO THE					
TEST TANK. THANK YOU FOR USING SCHLUMBERGER					

RECOVERY DESCRIPTION											
FORM. WATER	FEET	BBL	% CL	% WATER	% CUSHION	% MUD	% OTHER	API GRAV	RESIST	CHL PPM	
	2000								FF	FF	
TRACE OIL		35							FF	15460 FF	46000
									FF	FF	
									FF	FF	
									FF	FF	
									FF	FF	
									FF	FF	
									FF	FF	
									FF	FF	
									FF	FF	

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KE FRALEY

Post-It brand fax transmittal memo 7671 # of pages = 1	
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