PRO WELL TESTING & WIRELINE

FIELD DATA SHEET

COMPANY Oxy USA COMPANY REPRESENTATIVE Mr. Sid Nichols

LEASE NAME & NO. Federal AK # 1 TEST DATE & TIME 9-24-90

COUNTY Eddy STATE N.Mex. ELEVATION 4336.2 G.L. FORMATION Morrow

UNIT B SECTION 34 TOWNSHIP 23-S RANGE 23-E

TEST TYPE X INITIAL ____ ANNUAL ____ SPECIAL ____ TYPE WELL Single Gas

COMPLETION DATE 9-11-90 TD@ 10,300 PBTD@ 10,231 PKR@ 9875

CONNECTION ir METER RUN 3.068" TAPS Flange

CASING SIZE 5½" WT. 17# DIA. n/a SET@ 10,300

TUBING SIZE 2 3/8 WT. 4.7# DIA. n/a SET@ 9875

PERFORATIONS FROM 9978 TO 10,008

PRODUCING THRU Tubing

TIME DATE	ELAP. HR	TBG. PRES	CASING PRES	W/H TEMP	METER OR PROVER PRES	DIFF	TEMP	ORIF. SIZE	CHOKE SIZE 645	MCFD	REMARKS
8:00a.m.	-	3024	Pkr.	n/a	-	-	-	-	closed	-	shut in pressure
8:15	-	3024	"	"	-	-	-	-	closed		began preheating
9:00	0.00	3020	"	"	-	-	-	-	closed	-	began test
9:15	0.15	2998	"	"	105	4"	70	1.750"	4/64	411	
9:30	0.30	2998	"	"	110	4"	74	1.750"	4/64	429	end of test
9:45	0.45	2962	Pkr.	n/a	110	15"	76	1.750"	6/64	832	
10:00	1.00	2964	Pkr.	n/a	110	15"	74	1.750	6/64	832	end of 2nd test
10.15	1.15	2680	Pkr	n/a	480	35"	62	1.750	9½/64	2543	
10:30	1.30	2680	"	n/a	470	35"	60	1.750	9½/64	2517	end of 3rd rate
10.45	1.45	2144	Pkr.	n/a	780	74	58	1.750	14/64	4689	
11:00	2.00	2104	"	n/a	780	77	60	1.750	14/64	4783	
11:15	2.15	2104	"	n/a	780	76	61	1.750	14/64	4752	end of 4th rate

Gravity .583
Co^2 1.36
N .41