

PRO WELL TESTING & WIRELINE FIELD DATA SHEET

RECEIVED
JUN 13 1991
O. C. D.
ARTESIA, OFFICE

COMPANY HALLWOOD ENGERY COMPANY REPRESENTATIVE JEFF PICKETT

LEASE NAME & NO. Catclaw Draw #9 TEST DATE & TIME 5-21-91

COUNTY Eddy STATE New Mexico ELEVATION G.L. 3635 FORMATION Morrow

UNIT F SECTION 35 TOWNSHIP 21-S RANGE 25-E

TEST TYPE X INITIAL ANNUAL SPECIAL TYPE WELL Single

COMPLETION DATE 5-16-91 TDE 10,880 PBTDE 10,648 PKRE 10,340

CONNECTION Air METER RUN 3,068 TAPS Flg

CASING SIZE 5½ WT. 17# - 20# DIA. SET@ 10,880

TUBING SIZE 2-7/8 WT. 6.5# DIA. SET@ 10,340

PERFORATIONS FROM 10,432 TO 10,636

PRODUCING THRU Tbg

TIME DATE	ELAP. HR	TBG. PRES	CASING PRES	W/H TEMP	METER OR PROVER			ORIF. SIZE	CHOKE SIZE	MCFD	H ² O P/H	TOTAL H ² O	OIL P/H	TOTAL OIL
					PRES	DIFF	TEMP							
11:30	.00	2700	PKR					2.00	645					
11:45	.00	2700			500	8			13/64			START TEST		
12:00	.15	2550			500	8	78°			1'691		1st Rate		
12:15	.30	2560			490	8	79°			1'675				
12:30	.45	2565			485	6½	79°			1'502				
12:45	1.00	2565			480	6	79°			1'436		End 1st Rate		
1:00	1.15	2440			500	17	80°		14.5/64	2'465		2nd Rate		
1:15	1.30	2430			510	20	79°			2'700				
1:30	1.45	2410			510	19½	80°			2666				
1:45	2.00	2420			510	18½	80°			2597				
2:00	2.15	2280			510	32½	79°		17.5/64	3442		3rd Rate		
2:15	2.30	2270			510	26½	81°			3108				
2:30	2.45	2275			510	37½	79°			3697				
2:45	3.00	2270			510	37	80°			3673				
3:00	3.15	2000			530	77	80°		20/64	5399		4th Rate		
3:15	3.30	2055			530	82	80°			5571				
3:30	3.45	2055			530	75½	79°			5346				
3:45	4.00	2055			540	76	80°			5413				

WELL MADE APPROX. 2.5 BBLS OF EMULSAFIDE
DRILLING FLUID & CONDENSATE