

3

PRO WELL TESTING & WIFELINE

FIELD DATA SHEET

COMPANY Santa Fe Energy Resources COMPANY REPRESENTATIVE Roy Hanigan

WELL NAME & NO. Amethyst 22 Federal #1 TEST DATE & TIME 10-20-90

COUNTY Lea STATE New Mexico ELEVATION _____ FORMATION Morrow Atoka

UNIT _____ SECTION 22 TOWNSHIP 19-S RANGE 33-E

TEST TYPE X INITIAL _____ ANNUAL _____ SPECIAL _____ TYPE WELL Single

COMPLETION DATE _____ TD@ _____ PBT@ _____ PKR@ 12,339'

CONNECTION _____ METER RUN 3,068 TAPS Flange

CASING SIZE _____ WT. _____ DIA. _____ SET@ _____

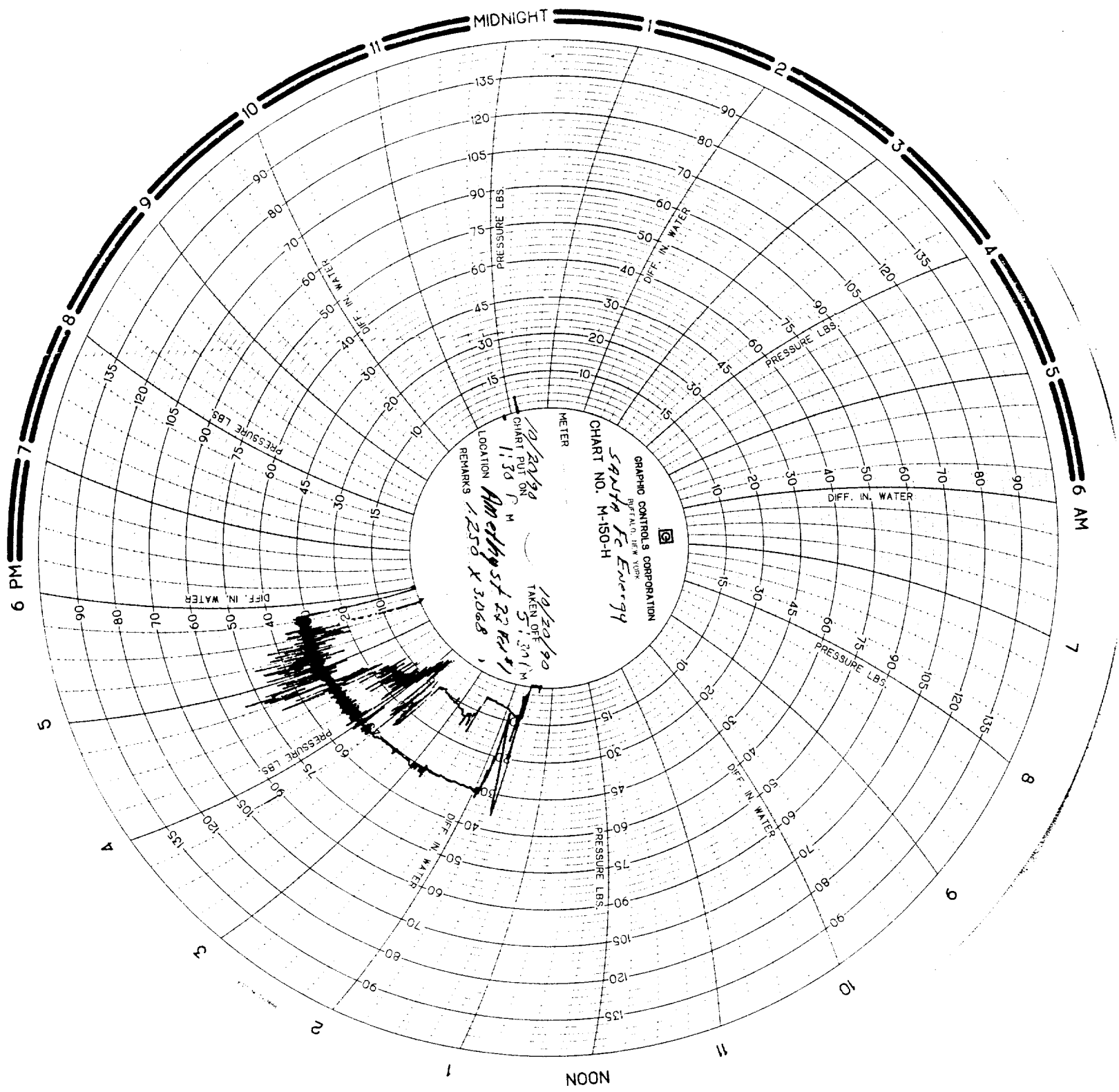
TUBING SIZE 2 3/8 WT. 4.7# DIA. _____ SET@ _____

PERFORATIONS FROM 12,635 TO 12,638

PRODUCING THRU Tubing

TIME DATE	ELAP. HR	TBG. PRES	CASING PRES	W/H TEMP	METER OR PROVER			ORIF. SIZE	CHOKE SIZE	MCFD	REMARKS
					PRES	DIFF	TEMP				
1:00PM	.00	2139	PKR					1.250	645		Shut in preheat
1:30	.00	2120	PKR		460	9"	60°	1.250	5/64		Start Test
1:45	.15	1972	PKR		460	9"	82°	1.250	5/64	602	
2:00	.30	1915	PKR		460	7"	88°	1.250	5/64	531	
2:15	.45	1870	PKR		450	6.5"	88°	1.250	5/64	506	
2:30	1.00	1839	PKR		450	6"	90°	1.250	5/64	486	End Rate I
2:45	1.15	1747	PKR		475	15"	87°	1.250	8/64	790	
3:00	1.30	1700	PKR		460	11"	86°	1.250	8/64	666	
3:15	1.45	1675	PKR		460	10.5"	86°	1.250	8/64	651	
3:30	2.00	1645	PKR		470	10"	85°	1.250	8/64	642	End Rate II
3:45	2.15	1550	PKR		480	22"	84°	1.250	10/64	962	
4:00	2.30	1645	PKR		480	20"	84°	1.250	10/64	917	
4:15	2.45	1637	PKR		480	19"	84°	1.250	10/64	894	
4:30	3.00	1635	PKR		480	19"	84°	1.250	10/64	894	End Rate III
4:45	3.15	1518	PKR		480	41"	85°	1.250	12/64	1313	
5:00	3.30	1485	PKR		475	40"	84°	1.250	12/64	1290	
5:15	3.45	1478	PKR		475	34"	84°	1.250	12/64	1189	
5:30	4.00	1518	PKR		475	32"	84°	1.250	12/64	1154	End Rate IV

COND. Gravity 51.9 @ 60°
Well made 12 BBLS Cond.
1 BBL H₂O



GRAPHIC CONTROLS CORPORATION
 BUFFALO, N. Y.
 CHART NO. M-150-H
 54119 E Energy
 METER
 LOCATION *Amalgam St 22 Rd*
 CHART PUT ON *10/20/90*
 REMARKS *1.250 X 3.068*
 TAKEN OFF *1:30 PM*

