



# BIRDWELL

## 3-D Velocity

COMPANY: AMAX EXPLORATION INC.  
 WELL: 21 - 30  
 FIELD: ALLUM  
 COUNTY: ESMERALDA STATE: NEVADA  
 LOCATION: NW-1/4 NW-1/4 RGE.38-1/2E  
 OTHER SERVICES: CA-6/GR

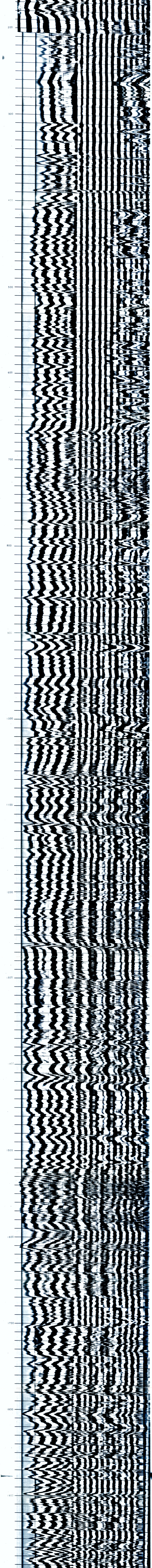
PERMANENT DATUM: SEC.30 TWP.1N RGE.38-1/2E  
 GROUND LEVEL: ELEV. 4980' ELEV. N.B.  
 DRILLING MEASURED FROM: G.L. 0' F. Above Perm. Datum  
 DATE: 11-16-82  
 TIME LOG: NONE  
 DEPTH: 3'  
 DEPTH - DRILLER: 2000'  
 TIME LOG: LOGGER  
 TIME LOG: 1989  
 TYPE FLUID IN HOLE: MUD  
 LIQUID LEVEL: 35'  
 MAX. REC. TEMP.: 188'  
 OTHER SERVICES: 1-HOUR  
 OPERATED BY: HIL BEYRONOZ  
 WITNESSED BY: D/S:1, 28  
 LOCATION: 2831 28  
 UNIT NO.: 2831 28  
 DATE: NOV. 16, 1982  
 TYPE WELL: EXPLORATORY  
 DRILLER: WHIT

RUN NO.: ONE  
 CAMERA MOD. NO.: LLAD-1001  
 CAMERA SER. NO.: 15  
 SONDE MODEL NO.: LVAF-6001  
 SONDE SER. NO.: 32  
 DIAMETER: 3-5/8"  
 BUMPER O.D. OR CENT. RANGE INCHES: NONE  
 SPACING CT TO CT: 3'

EQUIPMENT DATA		REMARKS
TOTAL SWEEP TIME	1000	
SWEEP DELAY	200	
DEPTH SCALE FT./MARK	10	
TIMING SCALE $\mu$ S/MARK	100	
LOGGING SPEED FT./MIN.	60'	
TIME LOG STARTED	1:30 HRS.	
TIME LOG FINISHED	12:30 HRS.	

BOREHOLE RECORD		CEMENTING EQUIPMENT DEPTHS
CASING SIZE	6.4"	
CASING WT.		
DEPTH SET	206'	
MOLE SIZE	6-7/8"	

CEMENTING DATA		CENTRALIZERS	SCRATCHERS	BASKETS
PRIMARY OR SQUEEZE				
CEMENT VOLUME				
CEMENT TYPE				
RETARD ( ) OR ACCEL. ( ) %				
OTHER ACTIVITIES %				
SLURRY WT.				
WATER LOSS				
DISPLACEMENT RATE				
DISPLACEMENT FLUID				
PREFLUSH FLUID TYPE				
PREFLUSH FLUID AMT.				
DATE CEMENTED				
PREFLUSH RATE				
TIME CEMENTING FINISHED				



CALIBRATION DATA			
COMPANY	AMAX EXPLORATION INC.	DRILLER	T.D. 2006'
WELL	21 - 30	BIRDWELL	T.D. 2002'
FIELD	ALLUM	BIRDWELL	F.R. 1999'
LOCATION	SEC.30 TWP.1N RGE.38-1/2E	ELEV.:	K.B.
COUNTY	ESMERALDA		D.F.
STATE	NEVADA	DATE	NOV. 16, 1982
			G.L. 4960'