

STRATA PRODUCTION COMPANY

P.O. BOX 1030
ROSWELL, N.M. 88202

WELL PROGRAM

WELL NAME: CIGUENA STATE #1
A.F.E. No: C-23-34-1H

LOCATION: 2310' FNL & 660' FEL SECTION 33-T23S-R34E, LEA COUNTY, N.M.
DIRECTIONS: SOUTH OF EUNICE ON HWY 207 2 MILES, TURN WEST ON DELAWARE BASIN ROAD 9 MOLES, SOUTH 4 MILES, WEST 12 MILES, SOUTH 5 MILES, TURN EAST OFF OF BLACKTOP 2.5 MILES, NORTH 1/4 MILE, EAST 1/4 MILE TO LOCATION.
ELEVATION: 3485' (EST.) K.B.: 3501' (EST.)

FORMATIONS	DEPTH	SUBSEA
RUSTLER ANHY.	920	2581
B. ANHYDRITE	5050	-1549
DELAWARE	5080	-1579
"AAA" SAND	6900	-3399
BONE SPRINGS	8520	-5019
T.D.	9000	-5499

SAMPLES: 10' SAMPLES FROM INTERMEDIATE CASING TO T.D.
DRLG. TIME: ONE FOOT DRLG. TIME BY GEOLOGRAPH FROM INT. CAS. TO T.D.
LOGS: GR-CNL-LDT INT. TO T.D., GR-CNL SURF. TO T.D., GR-DLL-MSFL INT. TO T.D.
CORES: SIDEWALL CORES AS NEEDED
DST'S: DRILL STEM TESTS POSSIBLE IN DELAWARE AND BONE SPRINGS
REMARKS: MUD LOGGER ON FROM INTERMEDIATE CASING TO T.D.

CASING PROGRAM		BEARING SERVICE & SUPPLY, ARTESIA, N.M., 505-746-981				TORQUE
INTERVALS	LENGTH	CASING	BURST	COLLAPSE	TENSION	OPTIMUM
SURFACE						
0-550'	550	13 3/8 48# H-40, ST&C	1730	770	322,000	3220
INTERMEDIATE						
0-150'	150	8 5/8 32#J-55, LT&C	3930	2530	372,000	4520
150-2300'	2150	8 5/8 24#J-55, ST&C	2950	1370	244,000	2630
2300-4200'	1900	8 5/8 32#J-55, LT&C	3930	2530	372,000	4520
4200-4900'	700	8 5/8 32#S-80, LT&C		4130	497,000	5560

NOTE: SPECIAL DRIFT 32# FOR 7 7/8" BIT

PRODUCTION						
0-200'	200	5 1/2 17#, K-55, LT&C	5320	4910	272,000	2720
200-8100'	7900	5 1/2 15.5#, K-55, LT&C	4810	4040	239,000	2390
8100-9000'	900	5 1/2 17#, K-55, LT&C	5320	4910	272,000	2720