

CHESAPEAKE OPERATING INC

DRILLING PROGNOSIS

WELL : TEAGUE 1-22
LOCATION : 2,274' FNL & 2,134' FWL SECTION 22-16S-36E
BHL : TARGET 55' RADIUS
COUNTY : LEA STATE : NEW MEXICO
FIELD : LOVINGTON PROJECT AREA

HOLE SIZE	FORMATION TOPS	LOGGING PROGRAM	CASING & CEMENT	MUD WT
17 1/2"	TOC on 13-3/8" @ surface 13 3/8" 54.5# CONDUCT.		13-3/8" SURFACE CSG: LEAD: Class C + 2% CaCl ₂ 14.8 ppg, 1.34 yield	0-450' Surface to 450' 8.5# - 9.4# 34-36 VIS NC <5% Solids
12 1/4"	TOC on 9-5/8" @ surface TOC on 5-1/2" @ 4,000'. 9 5/8" 40# J-55 LTC INT. CSG.		9-5/8" INTERMEDIATE CSG: LEAD: 35:65 POZ: Class C + 5% Salt + 6% Bentonite + 0.25 pps Celloflake, 12.4 ppg, 2.15 yield TAIL: Class C + 1% CaCl ₂ , 14.8 ppg, 1.33 yield	450'-4,700' 8.4# - 10.1# 32-34 VIS NC <1% Solids
7 7/8"	4,861' SAN ANDRES 4,897' GLORIETTA 6,873' PADDOCK/BLINBERRY 7,531' TUBB 8,150' DV TOOL 8,203' ABO 8,539' WOLFCAMP LIMESTONE 10,368' WOLFCAMP "W2" 10,681' AUGUSTA ZONE 10,981' CISCO SHALE 11,430' STRAWN 11,445' STRAWN POROSITY 11,550' STRAWN CLASTICS 11,592' ATOKA SHALE 11,852' ATOKA CLASTICS 11,883' "BRUNSON" SHALE 12,041' MORROW LIMESTONE 12,224' CHESTER SHALE 12,448' CHESTER LIMESTONE 12,650' LOWER MISSISSIPPIAN 5 1/2" 17# N-80 LTC Csg.	Two Man/Mudlogger on location @ Intermediate Natural GR, Density, Neutron & Pe from TD to intermediate, then GR & Neutron to 200'; High Res Induc & Micro + Comp Sonic from TD to Intermediate	5-1/2" PRODUCTION CSG: 1st STAGE LEAD: 35:65 POZ: Class H + 5% Salt + 6% Bentonite Gel + 0.3% , 12.8 ppg, 1.95 yield 1st STAGE TAIL: 2 gps Salt + 2% Bentonite Gel + 0.05gps Antifoamer + 0.2% Midtemp retarder + 0.02 gps Dispersant + 0.75% Fluid Loss. 13.5 ppg, 1793 yield. 2nd STAGE LEAD: 35:65 POZ: Class C + 5% Salt + 0.1% 12.8 ppg, 1.94 yield. TAIL: Neat, 15.6 ppg, 1.18 yield	4,700'-10,700' 8.4# - 8.5# 28-29 VIS nc <1% Solids 10,700'-11,400' 8.5# - 8.7# 32-36 VIS Below 20 cc <5% Solids 11,400'-12,650' 8.7# - 9.0# 40-50 VIS 10-8 cc <5% Solids

PREPARED BY: KARLA ALLFORD

DATE: 2-22-00

APPROVED BY: DAVE AULT

DATE: 2-22-00

ELF

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

