

CURRENT WELLBORE DIAGRAM

LEASE: EMSU	WELL: 640	FIELD: Eunice-Monument	API: 30-025-34212
LOC: 1340' FSL & 2495' FEL, Unit R	SEC: 5	BLK: T21S, R36E	REF NO: BP7313
SVY: N.M.P.M.	GL: 3571	CTY/ST: Lea Co., NM	SPUD: 3/2/1998
CURRENT STATUS: Producer	KB: 3577	DF: 3576	TD DATE: 3/8/1998

9-5/8", 36#/ft K-55 ST&C
Surf. Pipe set @ 534'
with 300 SX cement
Cmt Circ.? Yes
TOC @ Surface
(12-1/4" Hole)

Tubing Detail: 7/24/98

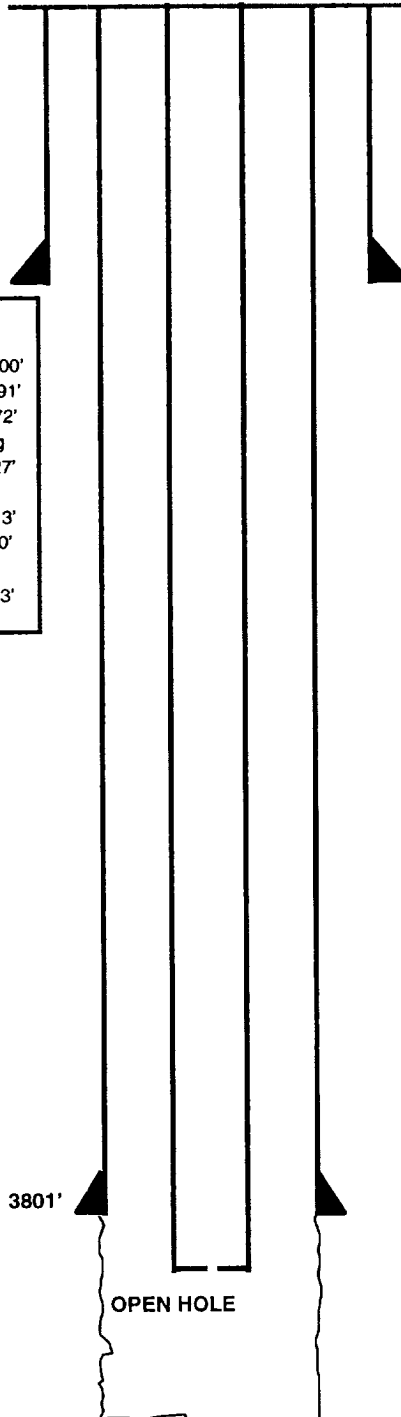
KBTH:	6.00'
124 Jts. 2-7/8" 6.5# J-55:	3798.91'
2-7/8" X 7" TAC:	2.72'
4 Jts. 2-7/8" Tbg 6.5# J-55 8RD Tbg	121.27'
1 Jt. 2-7/8" 6.5# J-55 EUE IPC Tbg	32.13'
1 2-1/2" API SN	1.10'
Landed @	3962.13'

Rod Detail: 7-24-98

1 1-1/2 X 26' Polish Rod
157 7/8"X25' KD Rods
2.00 Insert Pump

7"OD, 23#/ft K-55 csg set @
3801' (Driller) w/ 650 SX cmt.
Cmt Circ.? Yes - 185 SX.
TOC @ Surface
(8-3/4" Hole)

CURRENT



Date Completed: 7-17-98

Initial Prod: 1 BOPD/ 84 BWPD/ 1 MCFPD

Initial Formation: Grayburg From: 3801' To: 3894'

Completion Data:

3/8/98 Drill to 3801' Wash/ream 10' to btm & drop ball. Core fr 3741-3801.
CMT 1st stage w/ 500 SX and tail w/ 150 SX - circ. 185 SX to pit. Cut 4 cores fr 3801-3981'.

Workover History:

7/17/98 RIH w/ PST tool, pefr fr 3953-66', 3893-3908', 3855-68' & 3825-35' SION. Set pkr @ 3753'. ACDZ OH w/ 10,000 REAXE 3000 & tail w/ 1000 gals S-3000, swb; IFL=1500', EFL=2200'. Release pkr, POOH, lay down WS. Run PE. TOTP

Additional Data:

T/Queen Formation @ 3418'
T/Penrose Formation @ 3546'
T/Grayburg Zone 1 @ 3736'
T/Grayburg Zone 2 @ 3771'
T/Grayburg Zone 3 @ 3841'
T/Grayburg Zone 4 @ 3878'
T/Grayburg Zone 5 @ 3926'
T/San Andres Formation @ 4140'
KB @ 3577'

FILE: EMSU640WB.xls

DKTS: 7/14/98

TD @ 3984'

2/27/2001