

AS-Penn Gas Field WELL DATA

1-21-

MFGR

WELL NAME & NO. East Smith Ranch Federal Com #1 ELEV: 3593' GL 3613' KB.

LOCATION 990' FNL & 990' FWL, Sec. 12, T-20-S, R-33-E, Lea County, New Mexico

COMPLETION DATE 7-20-82 T.D. 13,700' PBTD 13,340'

PRODUCING FORMATION Morrow TOP 12934' SUBSEA -9321'

CASING PROGRAM:	SET	CEMENT	CEMENT
SIZE	DEPTH	TOP	TOP
13 3/8"	1395'	900 SX. HAWK LITE 400 SX. CL "C" INSIDE 900 SX. 2nd stage 1310 SX.	Surface
8 5/8"	5003'	1100 SX. CL "H"	Surface
5 1/2"	13700'		9000' (CBL)

DST:

LOGS AVAILABLE 5-3-82 Schlumberger Compensated Neutron-Formation Density Log w/GR and caliper 13697' to surface. Dual Laterolog w/Micro-SFL 13689' to 4997'. Borehole Compensated Sonic 13689' to 6722'. Cyberlook 13689' to 13000'. 6-5-82 Welox GR-CCL Cement Bond Log 13587' to 8900'.

PERFORATIONS: 6-7-82 Perf. 5 1/2" casing 13352' to 13364' (13 holes)
6-15-82 Perf. 5 1/2" csg. 13320' to 13332' (13 holes).
6-30-82 Perf. 5 1/2" csg. 13284' to 13294' (11 holes).
7-12-82 Perf. 5 1/2" csg. 13142' to 13148' (7 holes) and 13156' to 13162' (7 holes). 0.5" holes (Welox).
All perfs. ref. Welox Micro-Seisogram Cased Hole Log.

COMPLETION TREATMENTS:

6-9-82 Acidized perfs. 13352'-13364' w/ 1000 gals. Morrow-Flo BC acid. BD @ 6900 PSIG. Treated 3.4 BPM @ 6820 PSIG. Max.
6-11-82 Acidized perfs. 13352'-13364' w/ 2000 gals. Morrow-Flo BC acid in 4 equal stages of 500 gals. 43 stages of 6 ball sealers each @ 3.8 BPM & 7200 PSIG Max. Press. J5IP 4V00.
6-17-82 Acidized perfs. 13320'-13332' in 4 equal stages of 750 gals. Morrow-Flo acid & 500 gals. Methyl Alcohol/stage 4.6 BPM @ 8500 PSIG.
7-1-82 Acidized perfs. 13284'-13294' in 4 equal stages of 750 gals. Morrow-Flo acid & 500 gals. Methyl Alcohol/stage 3 stages of 5 ball sealers/stage 3.3 BPM & 7800 PSIG Max. 2FIP 5600.

INITIAL POTENTIALS:

ZONE	DATE	FP	BO	GTU	SS	HRS	CM	FTP	GOR
Morrow	7-20-82	F	5 3/4 Hrs	CAOF	1544	MCF/D			

REMEDIAL WORK:

CURRENT PRODUCTION						ACCUM. PRODUCTION		
ZONE	DATE	FP	MCF/D BO	BW	HRS	BO	MCF	DATE
Morrow	1-15-86	F	6	0	24	1902	59393	12-1-85

OIL PRICE:

GAS PRICE:

SWD:

PRODUCTION EQUIPMENT: 1000 M BTU Production Unit
2-300 Bbl. welded steel stock tanks.
210 Bbl. fiberglass water tank.

TUBING:	SIZE	WEIGHT	GRADE	SETTING DEPTH
455 Jts.	2 3/8"	4.7 #	N-80, EUE, BR	13050'

6' sub below landing joint

J-Latch Seal Assembly
Otis Overshot Tubing Seal Divider
w/ Nipple 1.791" No-60

RODS:

4 1/2" 5 1/4" x 2 3/8" Permatnivee Pkr. @ 13050'

Additional 200 SX. CL "C" through 1"

20' of conductor

17 1/2" hole

13 3/8" @ 1395'

12 1/4" hole

SV tool @ 13012'

8 5/8" @ 5003'

7 3/8" hole

Toc @ 9000'

Pkr. @ 13050'

13142

13148

13156

13162

13284

13294

13320

13332

13340

13352

13364

13370

13380

13390

13400

13410

13420

13430

13440

13450

13460