

WELL DATA SHEET

FIELD: Arrowhead

WELL NAME: Mattern No. 6

FORMATION: Grayburg

LOC: 330' FSL & 330' FWL
TOWNSHIP: 22-S
RANGE: 37-E

SEC: 7
COUNTY: Lea
STATE: NM

GL: 3445.0'
KB to GL: NA
DF to GL: NA

CURRENT STATUS: Shut-in
API NO: 30-025-10088
CHEVNO: FB1096

8-5/8" OD, 28 #ft, 8-rd
Surf. Pipe set @ 300'
w/ 125 sxs cmt. Circ. cmt
to surf by calc. 11" hole.

Csg leak of unknown
depth is suspected due
to drilg mud being found
in the wellbore.

TOC @ 3257' by calc.

TOF @ 3581' - 8' of 2-3/8" tbg
stub looking up.
2-3/8" tbg.

Hookwall pkr set @ 3609'

6-1/2" OD, 14 #ft, 8-rd,
csg set @ 3647' w/ 350 sxs
cmt. TOC @ 3257' by calc.
due to "flash set". 6-3/4" hole.

3" Line pipe (85').

Exner-Dodge open hole pkr w/
48" rubber set @ 3700' (bottom)

2-3/8" tbg (31') MAJ.

Present

Rustler

Salt

Yates

Seven Rivers

Queen

Penrose

AGU

GRB Z1

Z2

Z3

TD @ 3740'

Date Completed: 1/28/40

Initial Production: 1968 BOPD/ 0 BWPD/ NMOG

Initial Formation: Grayburg From: 3647' To: 3740'

Completion Data: Completed Natural.

Workover History:

09-12-41 Kill well w/ 650 BO. Pull tbg. RIH w/ Exner-Dodge open hole pkr and set open hole pkr w/ bottom @ 3700' and hookwall pkr assembly @ 3609'. Return to flowing production following workover to lower GOR.

06-27-56 Acidize formation 3700' to 3740' w/ 500 gallons 15% HCl. Flush w/ oil.

00-00-63 Well would not flow. Shut well in.

11-20-67 Attempt to pull gas shut-off assembly but pkrs would not come free.

12-13-67 Conduct swab test.

03-27-68 Install pumping unit, rods, and pump. Return well to production.

04-02 to 06-68 Well pumping 80 BWPD w/ trace oil and good gas blow.

05-23-68 Well pumping 3 BO/ 10 BW/ 13 MCFG per day.

11-13-68 Acidize w/ 500 gallons acid and flush w/ 25 bbls oil.

02-00-69 Well shut-in.

12-07-70 MFTJ. Cut 2-3/8" tubing @ 3581' leaving 8' stub fishing neck. Run tubing, rods, and pump. Pump stuck after well placed on pump. Pulled pump and found full of drilling mud. Suspect casing leak. Leave shut-in.

07-09-74 Ran pkr on 2-3/8" tbg and set @ 3576'. Swab well down to SN recovering oil, oil cut mud, and water. Acidize w/ 750 gal 15% HCl. Ran pump. Pump test July 13 to Sept 5, 1974 recovering 100% water. Shut well in.

11-05-74 POOH w/ tubing, rods, and pump.

12-04-74 Sohio filed w/ NM OCD to P&A well. Did not do work.

10-30-75 Sohio filed w/ NM OCD to carry well as TA'd and was granted one year extension until Dec. 1976.

10-01-88 Presidio Exploration Inc. filed as operator from 10-01-88

09-01-89 Hawkins Oil & Gas Inc. filed as operator from Presidio Expl. Inc.

10-01-90 Chevron purchased Hawkins Oil & Gas Inc. interest in well and filed as operator of wellbore.

Additional Data:

T/Rustler @ 1003'

T/Salt @ 1184'

B/Salt @ 2440'

T/Yates @ 2650'

T/Seven Rivers @ 2838'

T/Queen @ 3314'

T/Penrose @ 3430'

T/Arrowhead Grayburg Unit @ 3585'

T/Grayburg Zone 1 @ 3628'

T/Grayburg Zone 2 @ 3670'

T/Grayburg Zone 3 @ 3740'

T/Grayburg Zone 4 @ 3785'

T/Grayburg Zone 5 @ 3828'

T/San Andres @ 3868'