

WELL DATA SHEET

FIELD: Eunice Monument

WELL NAME: EMSUB #872 IC

FORMATION: Graybu

LOC: 330'FNL, 2310'FWL
TOWNSHIP: 20-S
RANGE: 36-E

SEC/UNIT: 14/A
COUNTY: Lea
STATE: NM

GL: 3566' **CURRENT STATUS:** EMSUB Injector
KB to GL: 6' **API NO:** 30-025-04265
DF to GL: **REFNO:** FA 5409

10-3/4" OD Surf. Pipe
 set @ 250' w/ 225 sx
 cmt. Circ? Yes.

7-5/8" OD csg set @
 1135' w/ 425 sx cmt.
 Circ? Yes.

TOL @ 3458'

4-1/2" Baker TSN pkr @ 3748'

5-1/2" OD, 17# csg
 set @ 3750' w/ 425
 sx cmt. Circ? Yes.

Grayburg Perfs:

Zone 2 3805-10', 3820-44'

(OH) 3790-3873' (SQZ'D 4/91)

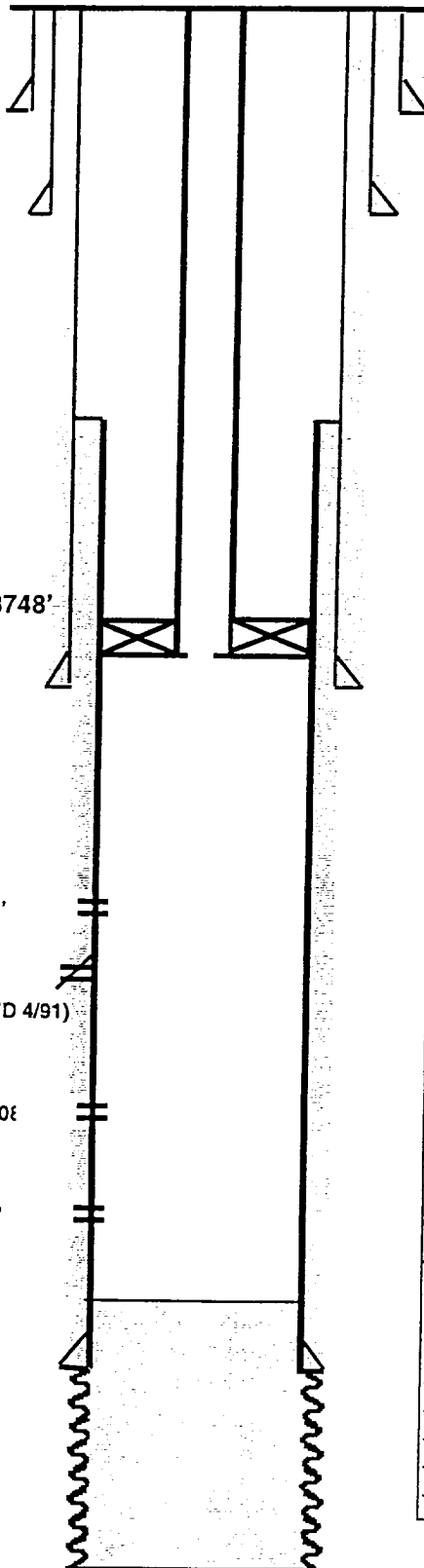
Zone 3 3863-87', 3896-3908'

Zone 4 3926-46', 3970-80'

PBTD @ 4020'

4-1/2" OD liner
 set @ 4036' w/
 70 sx cmt.

TD @ 4200'



Date Completed: 11/14/37		Initial Production:	
Initial Formation: Grayburg		BOPD BWPD	
From:	To:	GOR 1342	

Completion Data:
 Acidz OH 3749-3890' w/ 2000 gals HCl.

Subsequent Workover or Reconditioning:
11/37 - Run and set 10 3/4" casing @ 250' w/ 225 sacks cement, circulated to surface. Run and set 7-5/8" casing @ 1135' w/425 cement, circulated to surface. Run and set 5 1/2" 17# casing @ 3750 w/425 sacks cement, circulated to surface. Natural OH completion.
12/37 - Acidize w/500 gal 15% acid.
07/67 - String shot over perfs 3790 - 3873'. Acidize perfs w/1500 gal: 15% LSTNE.
03/82 - Clean out to 3870', fire shot string w/ccl 20' below 5 1/2" csg s @ 3750'. Clean out to 3873'. Treat OH. Pump 120 BBLs 15% HCL NEFE.
07/85 - Clean out bridge 3798 - 3810'. Clean out fill to 3873'. PBTD. Run 5 - 10 stands of 100 grain string shot & shoot OH from 3760 - 387 Clean out 3860 - 3873'. Acidize OH section w/24 BBLs HCL, swab. Pumped scale squeeze in OH section.
04/91 - Deepen to 4200'. Under ream 3803 - 3811. Lost cones on underreamer. Swab OH 4040 - 4200. Swab 2 Hrs. recover 0 oil, 20 BBL wtr. SFL - 1000', EFL - 3530', FER 2.7 BPH, made 3 runs. Wait 1Hr. check FL - 3400, FE 130'. Acidize OH interval 4040 - 4200 w/3000 gal 15% NEFE. Swab, recover 0 oil, 23 BBL wtr. SFL - 1000', EFL - 3530', FER 2.7 BPH. Shut well in over night. ONSITP 5 PSI, csg 80 PSI. Made 1 run recover 0 BBL oil, 11 BBL wtr, SFL - 2500', ONFE 1030', EFL - 3530'. Under ream 3811 - 4025. Plug back to 4025' w/8 sacks cement. Run and set 4 1/2" liner @3458 - 4036' w/70 sacks clas. "C" cement, drill out cement to 4020'. Perf Zone 4 @ 3970 - 3980, 392 3946', 60 holes 2 JHPF. Acidize Zone 3970 - 3980 w/1000 gals 15% NEFE acid & 3926 - 3946 2000 gals 15% NEFE. Swab SFL - 3000' made 3 runs EFL - 3885'. Wait 1 Hr. no FE. Recover 9 BBL acid wtr, 187 BLWTR. Shut well in over night. Swab SFL - 3000', EFL - 3885' Recover 3 BBL wtr, 193 BLWTR. Perf Zone #3 @ 3863 - 3887', 3896 - 3908'(72 holes). Spot acid across perfs 3908 - 3863 w/3600 gals 15% HCL. Swab SFL - 2000', recover 0 BO, 12 1/2 BW, EFL - 3800'. Shut well in over night. Swab, SFL - 3000, recover 2 BO, 1 BW, EFL - 3800'. Perf 3820 - 3844, 3805 - 3810 w/3 1/2" casing guns loaded w/ Premium charges 2 JHPF 120% phased. Spot acid across perfs 3844 - 3805 w/1500 gals 15% NEFE HCL. Swab SFL - 3000 Recover trace oil, 1 BW, EFL - 3200'. Run and set Baker TSN packer on 2 3/8" IPC tubing @ 3748'.

Remarks or Additional Data:

GRAYBURG:	
T/Zone 1 @ 3702'(-136)	2-3/8" IPC tbg.
T/Zone 2 @ 3767'(-201)	Injection rate/pressure
T/Zone 3 @ 3842'(-276)	(as of 6/26/92):
T/Zone 4 @ 3902'(-336)	1135 BWIPD / 27 PSI
T/Zone 5 @ 3942'(-376)	
T/Zone 6 @ 3997'(-431)	