

OWWO

COUNTY LEA FIELD Ranger Lake STATE NM 30-025-02607  
 OPR AMOCO PRODUCTION CO. MAP  
4 State "AZ"  
Sec 34, T-12-S, R-34-E CO ORD  
990' FNL, 990' FEL of Sec

|                            |  | CLASS                   |       | OWOF EL 41692 |       |
|----------------------------|--|-------------------------|-------|---------------|-------|
| Re-Cmp 2-28-72             |  | FORMATION               | DATUM | FORMATION     | DATUM |
| CSG & SX - TUBING          |  |                         |       |               |       |
| 13 3/8" at 426' w/500 sx   |  |                         |       |               |       |
| 8 5/8" at 4196' w/350 sx   |  |                         |       |               |       |
| 5 1/2" at 12,835' w/900 sx |  |                         |       |               |       |
|                            |  |                         |       |               |       |
| LOGS FL GR RA IND HC A     |  |                         |       |               |       |
|                            |  | TD 12,899'; PBD 12,660' |       |               |       |

TEMPORARILY ABANDONED

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CONT PROP DEPTH 10,115' TYPE WO  
 DATE

F.R.C. 3-11-72; Opr's Elev. 4169' KB  
 PD 10,115' WO(Bough)  
 (Orig. Pan American Pet. Corp. #4 State "AZ",  
 comp 8-31-68 thru (Devonian) Perfs & OH 12,790-899',  
 OTD 12,899')  
 3-6-72 TD 12,899'; PBD 12,660'; TEMPORARILY ABANDONED  
 PB to 12,660'  
 Perf (Bough) 9923-24', 9954-56', 9962-68',  
 9982-93', 10,000-002', 10,101-106', 10,110-115'  
 w/2 SPF  
 Acid (9923-10,115') 4000 gals  
 Swbd 197 BW w/trace oil in 10 hrs (9923-10,115')  
 3-11-72 COMPLETION REPORTED

COUNTY TIA FIELD Ranger Lake, West STATE NY 31-228-22607

W. PAN AMERICAN PET. CORP. PAN

State "AZ"

Sec. 31, T41N14E, R-2400 CO-ORD

990' ETL, 990' ETL of Sec.

Spd 8-10-68

Emp 8-11-68

CSG & SX - TUBING

IN 3/8" 416' 500

8 3/8" 416' 350

5 1/2" 1280' 900

LOGS EL GR RA IND HC A

EL 12800'

1K Seismic Peris & OR 11790-899' Elwd +900 YINGRD + 759 ETLs

Cond. Per. Based on 8 hr test of 250 E Cond. time 10/6' chh.,

HTS 11790', FOR 20', Gravity (Cond.) 18.

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CONT. Cactus Orig. Co. PROP DEPTH 10,912' TYPE 22

DATE

W.R. 8-20-68; 1160' 4169' ETL

W. 1160' 4169'

Cond. - Cactus

W.R. 8-20-68; 1160' 4169'

W.R. 8-20-68; 1160' 4169'

W.R. 8-20-68; 1160' 4169'

W.R. 8-20-68; 1160' 4169'

W.R. 8-20-68; 1160' 4169'

W.R. (Cond. 10') 9400-10000', open 1 hr,

W.R. 9400' 10000' 10000' 10000'

1 hr W.R. 10000' 10000' 10000' 10000'

1 hr W.R. 10000' 10000' 10000' 10000'

W.R. 1160' 4169'

W.R. 1160' 4169'

W.R. 1160' 4169'

8-10-63

TD 12831', MOBI  
DST (Dev.) 12780-835', open 2 hrs 7 mins,  
Used 2000' WB,  
GTS 25 mins @ 900 MCFGPD  
Rec 2000' WB, GTS' Cond. & GCM + 15' Cond.,  
1 hr 00 min ISIP 4712#, TP 948-1075#,  
2 hr WSIP 4586#.  
DST (Dev.) 12762-835', open 1 hr,  
Used 2000' WB,  
GTS 02 mins @ 900 MCFGPD  
Rec 2000' WB, GTS' OOOO + 5' free oil  
(Gravity 24.7),  
15 min ISIP 4318#, TP 1001-1125#,  
30 min PSIP 4409#.  
8-10-63 TD 12835', PSL 12833', testing.  
Perf (Devoniar) 12790-824' w/2 SRF  
Acid (12790-824') 1000 gals (15%)

8-10-63

Flwd 17 ELW + gas @ 900 MCFGPD in 3 hrs  
(12790-824')  
TD 12864', prep to test.  
Acid (12790-824') 4000 gals 28% + 4000 gals  
3%.

8-10-63

Flwd 5 ELW + 4 S Cond. in 4 hrs + gas at 824'  
MCFGPD thru 3/4" chk., TP 99# (12790-824')  
Deepened from 12831' to 12864'  
TD 12899', WO Potential.  
Flwd 7 ELW & acid day after 7 hrs (12831'-12899')  
Deepened 12864' to 12899'  
Acid (on 12835-899') 5000 gals 15%  
Flwd gas @ 4900 MCFGPD + 253 S Cond. in 8 hrs  
thru 22/64" chk., TP 222#, COE 8306.

6-6-68      10-10000', WD Potential  
10000', 10-10000'  
(Down point maps are not available)  
10000' in Gas Well  
6-6-68      10-10000', 100000'  
10000'      10000' 10000', 10000' 10000', 10000'  
10000', 10000' 10000', 10000' 10000', 10000'  
10000', 10000' 10000', 10000' 10000', 10000'  
10000', 10000' 10000', 10000' 10000', 10000'  
10000', 10000' 10000', 10000' 10000', 10000'  
10000', 10000' 10000', 10000' 10000', 10000'