

COUNTY LEA FIELD Skaggs STATE NM

OPR AMERADA PETROLEUM CORP. MAP

14 Turner, Fred Jr. "A"

SEC 18 T-20S. R-38E

2080' FSL 581' BEL OF SEC. CO-ORD

Srd 11-6-66 MN 21919

Cmp 1-1-67 CLASS # [REDACTED]

| CSG & SX - TUBING | FORMATION | DATUM | FORMATION | DATUM |
|-------------------|-----------|-------|-----------|-------|
| 8 5/8" 468' 300   |           |       |           |       |
| 4 1/2" 4012' 440  |           |       |           |       |
|                   |           |       |           |       |
|                   |           |       |           |       |
|                   |           |       |           |       |

LOGS EL GR RA IND HC A

TD 4012', PBD 4000'

IP Grayburg Perfs 3800-3990' Empd 56 BOFD + 44 EW. Pot. Based on 24 hr test, gravity 37.1, GOR 1289.

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CONT Leatherwood Drilg. Co. PROP DEPTH 3975' TYPE

DATE

F.R. 11-10-66  
FD 3975' - Grayburg  
Contr. - Leatherwood

1-9-67 AMEND LEASE NAME: Formerly Turner, Fred Jr.  
11-14-66 Drilg. 3244' 1m.  
11-20-66 TD 4012', WOC.

Cored 3717-73', rec 56' dolo & anhy., w/scatt shows oil in dolo.  
Cored 3773-3829', rec 56' dolo., anhy & sd., w/sli shows oil in dolo.  
Cored 3829-85', rec 56' dolo., w/scatt shows oil.  
Cored 3885-3941', rec 56' dolo & sd., w/scatt shows oil.  
Cored 3941-67', rec 26' dolo & sd., w/scatt shows oil throughout.  
11-28-66 TD 4012', SI.

12-5-66 TD 4012', FBD 4000', SI.  
Perf 3980-90' W/1 SP  
Acid (3980-90') 500 gals.  
Swbd 14 EO in 3 hrs (3980-90')  
Dumped 250# sd over perfs 3980-90'.  
Perf 3800-08', 3820-33', 3866-69', 3874-  
84', 3892-3904', 3918-30', 3942-60' W/1 SP  
Acid (3918-60') 2000 gals 15% HCL  
Acid (3866-3904') 2000 gals 15% HCL  
Acid (3800-30') 2000 gals 15% HCL  
Swbd 24 ELO + 24 BAW in 9 hrs (3800-3960')  
12-12-66 TD 4012', FBD 4000', Impg load.  
Prpd no fluid in 24hrs.  
12-19-66 TD 4012', FBD 4000', Impg load.  
Prpd no fluid in 24 hrs.

1-3-67 TD 4012', FBD 4000', WO Pot.  
1-9-67 TD 4012', FBD 4000', COMPLETE  
LOG TOPS: Anhydrite 1433', Base Salt  
2547', Yates 2697', Sever Rivers 2916',  
Queen 3513', Grayburg 3843'.

COUNTY LEA FIELD Skaggs STATE NM MAP

OPR AMERADA PETROLEUM CORP.

14 Turner, Fred Jr. "A" CO-ORD

Sec. 18, T-20-S, R-38-E MN 21919

2080' FSL, 585' FEL of Sec.

Spd 11-6-66

Cmp 1-1-67

| CSG & SX - TUBING |       | CLASS     |       |
|-------------------|-------|-----------|-------|
|                   |       | FORMATION | DATUM |
| 8 5/8"            | 468'  |           |       |
| 4 1/2"            | 4012' |           |       |
|                   | 300   |           |       |
|                   | 440   |           |       |
|                   |       |           |       |
|                   |       |           |       |
|                   |       |           |       |
|                   |       |           |       |
|                   |       |           |       |

LOGS EL GR RA IND HC A

TD 4012', PBD 4000'

IP Grayburg Perfs 3800-3990' Pmpd 56 BOPD + 44 BW. Pot. Based on 24 hr test, gravity 37.1, GOR 1289.

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CONT. Leatherwood Drlg. Co. PROF. DEPTH 3975' TYPE

DATE

F.R. 11-10-66  
PD 3975' - Grayburg  
Contr. - Leatherwood  
AMEND LEASE NAME: Formerly Turner, Fred Jr.  
1-9-67 Drlg. 3244' 1m.  
11-14-66 TD 4012', WOC.  
11-20-66 Cored 3717-73', rec 56' dolo & anhy., w/scatt shows oil in dolo.  
Cored 3773-3829', rec 56' dolo., anhy & sd., w/sli shows oil in dolo.  
Cored 3829-85', rec 56' dolo., w/scatt shows oil.  
Cored 3885-3941', rec 56' dolo & sd., w/scatt shows oil.  
Cored 3941-67', rec 26' dolo & sd., w/scatt shows oil throughout.  
11-28-66 TD 4012', SI.

12-5-66

TD 4012', PBD 4000', SI.  
Perf 3980-90' W/1 SPF  
Acid (3980-90') 500 gals.  
Swbd 14 BO in 3 hrs (3980-90')  
Dumped 250# sd over perfs 3980-90'.  
Perf 3800-08', 3820-30', 3866-69', 3874-  
84', 3892-3904', 3918-30', 3942-60' W/1 SPF  
Acid (3918-60') 2000 gals 15% HCL  
Acid (3866-3904') 2000 gals 15% HCL  
Acid (3800-30') 2000 gals 15% HCL  
Swbd 24 BLO + 24 BAW in 9 hrs (3800-3960')  
TD 4012', PBD 4000', pmpg load.  
Pmpd no fluid in 24hrs.  
12-12-66  
12-19-66 TD 4012', PBD 4000', pmpg load.  
Pmpd no fluid in 24 hrs.

1-3-67  
1-9-67

TD 4012', PBD 4000', WO Pot.  
TD 4012', PBD 4000', COMPLETE  
LOG TOPS: Anhydrite 1433', Base Salt  
2547', Yates 2697', Seven Rivers 2916',  
Queen 3513', Grayburg 3843'.