

COUNTY LEA FIELD Undesignated STATE NM 30-025-22513
 OPR AMERICAN TRADING & PROD. CORP. MAP
2 Southeast Lea Unit
Sec 25, T-20-S, R-35-E CO-ORD
1830' FSL, 660' FWL of Sec.
Spd 4-22-68
Cmp 12-29-68 CLASS EL

	FORMATION		DATUM	
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CSG & SX - TUBING				
13 3/8" at 857' w/650 sx				
10 3/4" at 5433' w/725 sx				
8 5/8" at 11,980'				
4 1/2" at 14,643'				
LOGS EL GR RA IND HC A				

TD 14,643'; PRD 14,240'

IP (Wolfcamp) Perf 11,410-422' CAOF 1090 MCFGPD. COR 145,153;
 Grav (gas) .67; Grav (Cond) 55.

IP (Morrow) Perf 12,856-13,083' F Gas @ 41.76 MCFGPD + 2 BOPD.
 GOR 75,275.

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CONT. Sharp
 DATE

PROP DEPTH 14,800' TYPE

F.R. 4-11-68
 PD 14,800' (Devonian)
 Contractor - Sharp
 5-1-68 Drlg. 4350'
 5-7-68 Drlg. 5089'
 5-14-68 Drlg. 5595'
 5-21-68 Drlg. 8825'
 5-29-68 Drlg. 10,836'
 6-4-68 Drlg. 11,135' 1m & sh
 DST 10,800-835', open 2 hrs, GTS 45 min
 @ TSTM, rec 250' G&CCM + 720' salty sul wtr,
 1 hr ISIP 4111#, FP 173-380#, 2 hr FSIP 4060#
 DST 10,930-967', open 2 hrs, GTS 20 min @ TSTM,
 rec 500' sli GCM + 9100' salty sul wtr, 1 hr
 ISIP 4618#, FP 2140-4618#, 2 hr FSIP 4618#

0-68 TD 11,479'; On DST
Cored 11,422-479', rec 57' 1m w/shale streaks,
show oil in top 5'
6-18-68 TD 11,870'; Trip
DST 11,348-479', open 5 hrs, GTS 10 min,
FTS 1 hr 10 min, Flwd 29½ BO in 3 hrs 15 min,
Rev out 9.5 BO, Rec 20' oil, 1 hr ISIP 6791#,
FP 603-953#, 4 hr FSIP 5336#
Cored 11,482-538', rec 64' 1m & sh, NS
6-26-68 TD 11,980'; Prep run 8 5/8" casing
7-2-68 TD 12,174'; SD Repairs
7-9-68 Drlg. 12,706'
7-16-68 Drlg. 13,047' 1m & sh
DST 12,825-938', Pkrs failed

7-16-68 Continued
DST 12,827-938', open 2 hrs 25 min, GTS 5 min
@ est 1.4 MMCF/GPD, MTS 8 min, Flwd 10.62 BO
in 45 min thru 1/4" chk, Rev out 90' oil,
1 hr ISIP 6897#, FP 736-2916#, 2 hr FSIP 6021#,
HP 7296-7296#
7-23-68 Drlg. 13,348'
DST 12,954-13,091', open 2 hrs, rec 2700' DF,
1 hr ISIP 6922#, FP 180-1049#, 2 hr FSIP 7205#
HP 7451-7451#
7-29-68 Drlg. 13,705'
8-5-68 Drlg. 13,867' 1m
8-12-68 Drlg. 14,010'
8-20-68 Drlg. 14,275' 1m
8-27-68 Drlg. 14,475'
9-4-68 TD 14,567'; Prep Core

9-9-68 Coring @ 14,635'
Cored 14,567-597', no recovery
Cored 14,597-627', rec 27½' 1m w/sli show in
bottom 4'
DST 14,495-627', open 3 hrs 30 min, rec 745'
sli GC sul wtr + 1115' black sul wtr, 1 hr
ISIP 6146#, FP 124-1026#, 4 hr FSIP 6164#
9-16-68 TD 14,643'; PBD 14,249'; MI Completion Unit
Cored 14,627-643', rec 6 3/4', no description
9-23-68 TD 14,643'; PBD 14,249'; Milling tubing
Perf (Morrow) 12,856-860', 12,900-903',
12,944-48', 12,996-13,000', 13,036-040',
13,078-083'

10-1-68 TD 14,643'; PBD 14,240'; Flwg to clean up
Acid (12,856-13,083') 500 gals (15%) MA
10-8-68 TD 14,643'; PBD 14,240'; Swbg load
Perf (Morrow) 12,944-948', 12,996-13,000'
w/1 SPF
Frac (12,856-13,083') 46,800 gals brine +
24,400# sd
Swbd 22 ELW w/sli show gas in 11 hrs & Swbd
dry (12,856-13,083')
10-15-68 TD 14,643'; PBD 14,240'; Swbg
10-21-68 TD 14,653'; PBD 14,240'; Swbg
Perf (Morrow) 12,856-860' w/2 SPF
Swbd & Flwd 21 ELW + 3 EO + gas @ est 120
MCF/CPD (12,856-13,083')
Acid (12,856-13,083') 3000 gals

10-29-68 TD 14,643'; PBD 14,240'; Prep Acid
Swbd 22 BW + 4 BO + wtr in 4 hrs (12,856-13,083')
Perf (Strawn) 12,045-053' w/2 SPF
Swbd down, NS (12,045-053')

11-5-68 TD 14,643'; PBD 14,240'; Swbg
Acid (12,045-053') 1000 gals
Swbd & Flwd 60 BO + 10 BLW in 24 hrs (12,045-053')

11-11-68 TD 14,643'; PBD 14,240'; Tstg
Sqzd (12,045-053') w/100 sx
Perf (Wolfcamp) 11,410-422' w/4 SPF
Acid (11,410-422') 100 gals
Flwd 43 BO in 24 hrs thru 20/64" chk, TP 200#,
GV 600 MCFGPD (11,410-422')

11-18-68 TD 14,643'; PBD 14,240'; SI
Flwd 16 BO + gas @ 600 MCFGPD in 8 hrs,
TP 200# (11,410-422')
Acid (11,410-422') 20,000 gals
Flwd 182 BO + gas @ 3.4 MMCFGPD in 24 hrs
thru 18/64" chk, TP 1720# (11,410-422')

11-25-68 TD 14,643'; PBD 14,240'; Tstg
Swbd & Flwd 20 BM&AW + est 20 MCFGPD thru 20/64"
chk, TP 50# (12,856-13,083')

12-2-68 TD 14,643'; PBD 14,240'; Flwg to clean up

12-23-68 TD 14,643'; PBD 14,240'; SI WO Potential

1-6-69 TD 14,643'; PBD 14,240'; WO Potential

1-13-69 TD 14,643'; PBD 14,240'; WO Potential (Morrow)

1-13-69 Continued
FOUR POINT GAUGES (Wolfcamp)
Flwd 169 MCFGPD, 3 hrs, TP 1702#
Flwd 395 MCFGPD, 3 hrs, TP 1317#
Flwd 520 MCFGPD, 3 hrs, TP 1277#
Flwd 619 MCFGPD, 3 hrs, TP 1079#
Flwd Gas @ 41.76 MCFGPD + 2 BO in 24 hrs,
GOR 75,275 (12,856-13,083')
1-20-69 TD 14,643'; PBD 14,240'; WO Potential (Morrow)
1-27-69 TD 14,643'; PBD 14,240'; COMPLETE
Unable to run Four Point Gauges on Morrow,
because of low volume.
LOG TOPS: Anhydrite 1955', Wolfcamp 11,195',
Pennsylvanian 12,140', Mississippian 13,680',

1-27-69 Continued
Devonian 14,560',
Morrow Completed 12-27-68
1-30-69 COMPLETION REPORTED