

COUNTY LEA FIELD Red Hills-Wolfcamp/ STATE NM OWO
 OPR UNION OIL CO. OF CALIF. /Penn. MAP
2 Red Hills
Sec. 5, T-26-S, R-33-E CO-ORD
990' FNL, 1650' FEL of Sec.

		CLASS <i>Out/EL</i>			
Re-Cmp 3-3-67		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
16"	807' 900				
10 3/4"	5209' 3250				
7 5/8"	13087' 1600				
5" lnr	12821-15002' 600				
LOGS EL GR RA IND HC A					
		TD 15005'; PBD 14945'			

IP Wolfcamp Perfs 13424-13642' CAOFP 10,747 MCFCPD + 348 B
 Cond. Pot. Based on 4-point test; Gravity (Gas) .625; Gravity
 (Cond.) 58.5, GOR 30,900

Penn. Perfs 14370-826' - NO CHANGE

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CONT. PROP. DEPTH TYPE WO
 DATE

F.R.C. 5-18-67; OWWO

(Orig cmp 11-19-66 from Penn. perfs 14370-826')

OTD 15005', OPB 14945')

Elev. 3396' DF, Orig.

5-15-67 TD 15005', PBD 14945', COMPLETE.

Perf (Wolfcamp) @ 13424', 13468', 13482',

13507', 13520', 13552', 13569', 13586',

13604', 13617', 13625', 13642' W/2 SPI

Acid (13424-642') 750 gals + 10,300 SCF

Nitrogen

Flwd acid wtr + gas @ 95 MCFCPD & died

in 2 hrs (13424-642')

Acid (13424-642') 15,000 gals + 128,200

SCF Nitrogen

5-15-67

Continued

FOUR POINT GAUGES:

Flwd 1760 MCFGPD thru 9/64" chk, 2 3/4" hrs,
TP 7212#;

Flwd 4380 MCFGPD thru 13 1/2/64" chk, 16 1/2 hrs,
TP 6528#;

Flwd 6390 MCFGPD thru 16 1/2/64" chk, 21 3/4 hrs,
TP 6222#;

Flwd 8360 MCFGPD thru 20/64" chk, 5 hrs,
TP 5012#

COUNTY	LEA	FIELD	Red Hills	STATE	NM
OPR	UNION OIL CO. OF CALIF.			MAP	
	2 Red Hills Unit				
	Sec. 5, T-26-S, R-33-E			CO-ORD	
	990' FNL, 1650' FEL of Sec.			MN 21802	
	Spd 6-23-66			CLASS	E
	Cmp 11-19-66	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
16" 807' 900					
10 3/4" 5209' 3250					
7 5/8" 13087' 1600					
5 1/2" 1nr 12821-15002' 500					
LOGS EL GR RA IND HC A					
	TD 15005'; PBD 14945'				

IP Pennsylvanian Perfs 14370-826' Flwd 1500 MCFGPD. Pot. Based on 24-hr test thru 34/64" chk., TP 850#. Dry Gas.

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CONT. Sharp Drlg. Co. PROP DEPTH 15,000' TYPE RT
DATE

F.R. 6-23-66
PD 15,000' - Wolfcamp
Contractor - Sharp

6-27-66	Drlg. 723'.
7-5-66	Drlg. 3191'.
7-11-66	Drlg. 4660'.
7-18-66	Drlg. 5669'.
7-25-66	TD 8655', reaming.
8-1-66	Drlg. 9500'.
8-8-66	Drlg. 11235'.
8-15-66	Drlg. 12887'.
8-22-66	TD 13087', drlg cmt.
8-29-66	Drlg. 13185'.
9-3-66	Drlg. 13340'.
9-12-66	Drlg. 13702'.

9-19-66 Drlg. 14008'.
9-26-66 Drlg. 14306'.
[REDACTED]-66 Drlg. 14510'.
10-10-66 Drlg. 14716'.
10-17-66 Drlg. 14936'.
10-24-66 TD 15005', prep to squeeze liner.
10-31-66 TD 15005', PBD 14945', prep perf.
11-7-66 TD 15005', PBD 14945', prep perf.
11-14-66 TD 15005', PBD 14945', prep perf.
11-21-66 TD 15005', PBD 14945', prep perf.
Perf @ 14624', 14630', 14639', 14643',
14648' W/1 SPI
Acid (14624-648') 500 gals.
Swbd dry
11-28-66 TD 15005', PBD 14945', tstg.
Perf @ 14370', 14386', 14420', 14425',

14516', 14518', 14664', 14685', 14705',
14722', 14726', 14743', 14746', 14815',
14820', 14826' W/1 SPI
Set Pkr @ 14625'
Acid (14370-624') 7500 gals.
Flwd 3770 MCFGPD + 79 BL&AW, TP 500#,
CP 900# (14370-624')
12-5-66 TD 15005', PBD 14945', SI.
Flwd 2560 MCFGPD + 127 BW + 2 B Cond. in
24 hrs thru 1" chk., TP 350#.
12-12-66 TD 15005', PBD 14945', tstg.
Perf @ 14724', 14728', 14734', 14743' W/1 SPI
Perf @ 14600', 14602', 14624', 14662',
14686', 14688', 14690', 14706', 14710',
14712', 14714' W/1 SPI

12-12-66 Cont.
Flwd 2350 MCFGPD + 98 BWPD thru 1" chk.,
TP 225#, CP 475#.
12-19-66 TD 15005', PBD 14945', tstg.
Acid (14370-826') 32,000 gals.
Flwd 2700 MCFGPD + 84 BW thru 1" chk.,
TP 200#, CP 50#.
1-3-67 TD 15005', PBD 14945', tstg.
Flwd 2150 MCFGPD + 2.2 BWPH thru 1" chk.,
TP 500#.
1-9-67 TD 15005', PBD 14945', SI.
1-16-67 TD 15005', PBD 14945', tstg., no gauge.
1-23-67 TD 15005', PBD 14945', tstg., no gauge.
1-30-67 TD 15005', PBD 14945', tstg.
Flwd 1308 MCFGPD + 62 BWPD thru 34/64"
chk., TP 90#.

2-6-67 TD 15005', PBD 14945', tstg., no gauge.
2-13-67 TD 15005', PBD 14945', COMPLETE.
SAMPLE TOPS: Delaware Lm 4892', Delaware
Sd 4914'.
LOG TOPS: Bone Springs 9030', Wolfcamp
11650', Strawn 14288', Atoka 14500'.