

COUNTY	EDDY	FIELD	Avalon	STATE	NM																																																	
OPR	HANAGAN PETROLEUM CORP.			API	30-015-22296																																																	
NO	1	LEASE	Mandy	MAP																																																		
	Sec 30, T20S, R27E			COORD																																																		
	1980' FSL, 1980' FEL of Sec				12-4-11 NM																																																	
	6 mi N & 2 mi W/Carlsbad			SPD	10-3-77																																																	
				CMP	12-5-77																																																	
CSC	<table border="1"> <tr> <td colspan="2">WELL CLASS: INIT</td> <td>D</td> <td>FIN</td> <td>D</td> <td>ELEV</td> <td>L & S</td> </tr> <tr> <td>FORMATION</td> <td></td> <td>DATUM</td> <td></td> <td>FORMATION</td> <td></td> <td>DATUM</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">TD 10,680' (MSSP)</td> <td colspan="3">PBD</td> </tr> </table>					WELL CLASS: INIT		D	FIN	D	ELEV	L & S	FORMATION		DATUM		FORMATION		DATUM																													TD 10,680' (MSSP)				PBD		
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TD 10,680' (MSSP)				PBD																																																		
13 3/8" at 500' w/325 sx																																																						
8 5/8" at 2000' w/1010 sx																																																						
4 1/2" at 2687' w/350 sx																																																						
DRY & ABANDONED																																																						

CONTR	Moranco	OPRSELEV	3227' GL	PD	10,700' RT
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F.R. 9-26-77
(Morrow)

10-11-77 Drlg 4345'

10-18-77 TD 6220'; On DST 6049-6220'

10-25-77 Drlg 8360' lm & sh
DST (BSPG) 6049-6220', open 1 hr GTS in
42 mins @ TSTM, rec 30' DF (Sampler rec 900 cc's
wtr), 1 hr 30 min ISIP 1292#, FP 142-89#,
12 min FSIP 1380#, HP 2694-2694#

11-1-77 TD 10,180'; Reaming

11-7-77 Drlg 10,422'

11-15-77 TD 10,680'; Prep DST-SP (WFMP)
DST (MRRW) 10,352-447', open 1 hr, rec 630'
DF + 2520' GCSW, 1 hr 30 min ISIP 4386#,
FP 608-1521#, 1 hr 55 min FSIP 4386#, HP 5112-
5112#, BHT 150 deg

12-4-11 NM

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Sec 30, T20S, R27E

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11-15-77 Continued
DST (MRRW) 10,535-554', open 45 mins, rec
95' DF, 1 hr ISIP 261#, FP 65-65#, 2 hr
FSIP 155#, HP 5134-5134#
DST (MRRW) 10,548-581', Pkr Failed
11-29-77 TD 10,680'; PBD 2687'; Tstg
DST-SP (WFMP) 8067-8137', open 1 hr 15 mins,
GTS in 28 mins @ 50-125 MCFGPD, recovery
included in next test, 1 hr 30 min ISIP
3274#, FP 154-285#, 2 hr FSIP 3038#, HP
3977-3977#
DST-SP (WFMP) 7832-7932', open 1 hr 15 mins,
GTS in 8 mins @ 45-100 MCFGPD, rev out 35
12-4-11 NM

11-29-77 Continued
oil + 400' HO&GCDF + 1295' HGCDF + 120'
SW, 1 hr 30 min ISIP 3726#, FP 393-602#,
2 hr FSIP 3239#, HP 3855-3832#
Perf (DLWR) 2452-60', 2477-85', 2504-08'
Acid (2452-2508') 1000 gals
Swbd 31 BLW w/show gas (2452-2508')
Frac (2452-2508') 10,000 gals + 18,000# sl
Flwd 6-8 BWPH (2452-2508')
Sqzd 2452-2508' w/200 sx
Perf (DLWR) 2310-20' w/1 SPF
12-6-77 TD 10,680'; PBD 2687'; Tstg
12-19-77 TD 10,680'; Dry & Abandoned
Swbd salt wtr (2310-20')
LOG TOPS: Bone Spring Lime 3189', 3rd Bone
Spring Lime 7458', Wolfcamp 7811',
12-4-11 NM