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SIGNATURE Alane McMillan	TITLE	Regulatory Specia	<u>alist</u> C	DATE <u>9/26/02</u>	<u>2</u>
Type or print name Jeanie McMillan		Telephone No.	(713) 265-6834; fa	x (713) 265-808	6
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MEMORANDUM

TO: JEANIE MCMILLIAN (REGULATORY AFFAIRS) VICKIE FREDERICK (REGULATORY AFFAIRS)

FROM: DAVID DOLAND (PRODUCTION ENGINEERING) D2 ROBERT RIPKOWSKI (PRODUCTION ENGINEERING)

RE: CARLISLE STATE COM 2-H PLUG AND ABANDONMENT REQUEST Lea, NM.

DATE: SEPTEMBER 13, 2002

CASING CEMENTING DETAILS:

13-3/8" SET AT 541'. CEMENTED WITH 590 SXS, REPROTS INDICATE CEMENT RETURNS TO SURFACE.

8-5/8" SET AT 4900' CEMENTED WITH 600 SXS, REPORTS INDICATE CEMENT RETURNS TO SURFACE

8-5/8" X 5-1/2" SET AT 11361' MD. CEMENTED WITH 1115'. CALCULATED TOP OF CEMENT IS 7500'.

PROCEDURE

Mobilize P&A equipment to location. ND tree and NU BOPE. Establish injection into zone. Load hole with 9.5 ppg (12.5 lbs/bbl gel) fluid.

RIH and set CIBP at 11300'. Dump bail 35' of cement on CIBP. Pressure test to 500 psi for 30 minutes. Zone plug: ETOC = 11265' RKB

EBOC = 11300' RKB

TIH with tubing to 8300'. Mix and pump 4.7 bbls (25 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement. Displace. TOH to 8050' and circulate out. WOC as per cement recommendation. TIH and tag TOC. TOH with tubing to 4800.

200' plug:

ETOC = 8100' EBOC = 8300'

Rig up e-line. RIH and perforate 5-1/2" casing at 4950'. Establish circulation up 8-5/8" X 5-1/2" annulus. Mix and pump 5.9 bbl (31 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement down 5-1/2" while taking returns up 8-5/8" X 5-1/2" annulus. Displace. WOC as per cement recommendation. TIH and tag TOC. TOH with tubing.



ETOC = 4850' EBOC = 4950'

RIH and cut 5-1/2" casing at 4800'. Pull casing. TIH with tubing to 1880'. Mix and pump 6.4 bbls (34 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement. Displace. TOH to 1750' and circulate out. WOC as per cement recommendation. TIH and tag TOC. TOH with tubing to 591'.

100' Salt plug:

ETOC = 1780' EBOC = 1880'

Mix and pump 18.6 bbls (97 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement. Displace. TOH t6 280' and circulate out. WOC as per cement recommendation. TIH and tag TOC. TOH with tubing to 65'. If the 280' and circulate USDW / shoe plug: EBOC = 300' EBOC = 591'

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J. D. MILLER #5 PLUG AND ABANDONMENT WARD COUNTY, TX PAGE - 2 -

Mix and pump 3.8 bbls (20 sxs Class "H" 1.08 ft3/sx) 16.4 ppg cement. Displace. TOH. WOC as per cement recommendation. 50' Surface plug: ETOC = 5'

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ETOC = 5' EBOC = 55'

Cut and cap well 4' below ground level.



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CARLISLE STATE COM 2-H LEA CO., NM.



	Size	Wt.	Grde	Thrd	Depth	(E)TOC	
CONDUCTOR	13-3/8"	48	H-40	ST&C	541	SURF	590
SURFACE	8-5/8"	24	J-55	LT&C LT&C	4900	SURF	1700
PRODUCTION	5-1/2"	17	L80/P110	LT&C	11361MD/11315TVD	7500	1115
OPEN HOLE	4-3/4"						
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		D	escription	 	OD	ID	Depth
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uild rate of 60 deg	ree/100'						
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		ctional	Data			BTD MD	13400

	Directional Data
КОР	deg@
Max Dev	deg@
Max Dev/Perfs	deg@
Wrkg Interest	Location
Wrkg Interest Rev Interest	Location 2260 FSL 330 FWL



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As Is

CARLISLE STATE COM 2-H LEA CO., NM.

		Size	Wt.			1	lionth		(E) ()()	Sks/0
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	SURFACE	8-5/8"	24	J-55	LT&C		4900		SURF	170
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	Dunace ring LTO		. 0.5							
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	Cement plug ETC	C 1780' E	BOC 1	880'						
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	Casing Cut 4800					-				
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	Cement plug ETC	C 8100' E	BOC 8	200'						<u> </u>
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