

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-015-10323
5. Indicate Type of Lease Federal <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 05556
7. Lease Name or Unit Agreement Name Martha Creek Gas Com.
8. Well No. 1
9. Pool name or Wildcat Indian Basin

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Kerr-McGee Corporation - U.S. Onshore Region
3. Address of Operator P. O. Box 25861, Oklahoma City, OK 73125	4. Well Location Unit Letter <u>J</u> : <u>1650</u> Feet From The <u>south</u> Line and <u>1650</u> Feet From The <u>east</u> Line Section <u>30</u> Township <u>21S</u> Range <u>24E</u> NMPM <u>Eddy</u> County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3722' GR, 3735' RKB	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See attached procedure and schematic

RECEIVED

MAR 27 1995

OIL CON. DIV.  
DIST. 2

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Charles H. Carleton TITLE Engineering Analyst DATE 3/22/95  
TYPE OR PRINT NAME Charles H. Carleton TELEPHONE NO. 405/270-6039

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAR 28 1995

CONDITIONS OF APPROVAL, IF ANY:

**Martha Creek #1  
Indian Basin Field  
Eddy County, New Mexico**

**P & A PROCEDURE**

Current well status: Well has been shut-in since September 11, 1985. Well was a dual completion in the Cisco and Morrow formations. The Cisco watered out in 1978. Morrow gas production ceased in 1985. There is a leak at  $\pm 3200'$  in the Morrow tubing string.

**Note: Notify Mr. Shannon Shaw with BLM (505) 887-6544 at least 24 hours prior to plugging this well.**

**Use 9.0 ppg mud to displace cement in this procedure. Use an accelerator (such as calcium chloride) in all cement work to speed up setting times.**

**Class "H" cmt to be mixed @ 16.4 ppg w/ yield of 1.06 cu-ft/sack  
Class "C" cmt to be mixed @ 16.4 ppg w/ yield of 1.33 cu-ft/sack**

1. MI & set 3 frac tanks.
2. MIRU service unit. Bleed well down. ND wellhead, NU BOP. Shortstring is landed in Baker Model K Snap-set PKR @ 7271'. Apply straight pick-up (6000 lbs) to sting out of Model "S" seal nipple. POOH & stand back  $\pm 2000'$  of tbg. LD remainder of shortstring.
3. Apply straight pick-up & POOH w/ 2-3/8" longstring & Model "K" PKR. Visually inspect longstring on way out. If tbg is bad, LD entire longstring and order a workstring. If tbg looks good, stand back in the derrick. LD bad jts of longstring.
4. RIH w/ tbg & tag PKR @ 9095'. PU 2' & spot 15 sx ( $\geq 50'$ ) of Class "H" cmt on top of Baker Model "D" PKR @ 9095'. Note: Baker Model "N" tbg plug @ 9110'. Displace cmt w/ mud, PU 200' and reverse tbg clean. Pull tbg up to 7500' and spot 55 sx Class "H" cmt (250' balanced plug) up to 7250' (Plug must be 50' below and 50' above perfs @ 7334 to 7444'). Displace cmt w/ mud. WOC & tag plug w/ tbg. Circ hole w/ 9.0 ppg mud and test csg to 500 psi. If csg won't test, notify OKC office.
5. **To protect the Wolfcamp formation** - Pull tbg up to 6900'. Spot 30 sx Class "C" cmt ( $\geq 150'$  balanced plug) inside the csg from 6900' up to 6750'. POOH & standback 120 jts in derrick. LD remaining tbg.
6. RIH w/ 4" csg gun & tag cmt plug @ 6750'. PU & perf 4 shots (90 degree phasing) @ the following depths: 3500', 2050'.

7. **To protect the Bone Springs formation - RIH w/ 7" cmt**  
retainer on end of tbg. Set cmt retainer @ 3400'. Sting  
into retainer & pump 45 sx of Class "C" cmt (100' balanced  
plug). Sting out of retainer & pump 10 sx on top of  
retainer. POOH.
8. **To set 100' plug 50' above and below 9-5/8" csg shoe - RIH**  
w/ cmt retainer on end of tbg. Set retainer @ 1950'. Sting  
into retainer & pump 45 sx Class "C" cmt (100' balanced  
plug). Sting out of retainer & pump 10 sx cmt on top of  
retainer. Displace w/ mud. TOOH w/ tbg.
9. **To set 50' plug at surface - RIH w/ tbg to 50'. Pump 15 sx**  
Class "C" cmt to fill 7" csg, POOH. Run 1" tbg into 7" by  
9-5/8" csg annulus. Load annulus w/ 10 sx Class "C" cmt.  
ND BOP, cut off csg strings 3' below ground level and weld  
steel plate over 13-3/8" csg. RD pulling unit. Set P&A  
marker as per BLM specifications. Disassemble & haul off  
any equipment (coordinate w/ Carl Thomas) and restore  
location.

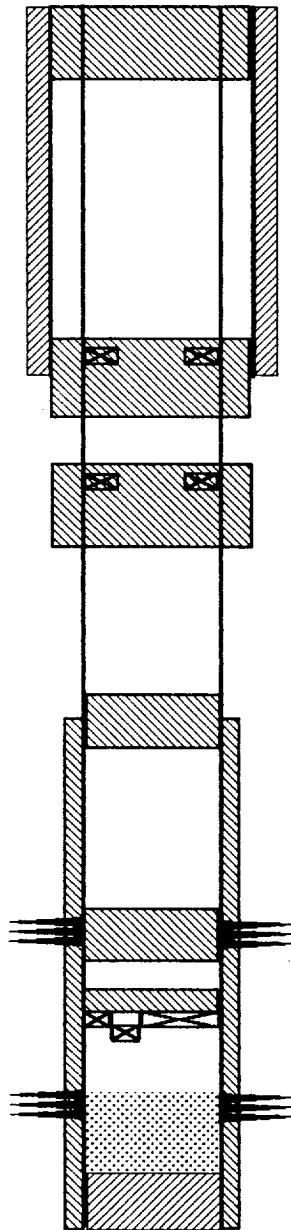




# KERR-MCGEE CORPORATION WELL BORE SCHEMATIC

WELL NAME: MARTHA CREEK #1		FIELD: INDIAN BASIN	
LOCATION: SECTION 30 - T21S - R24E		COUNTY: EDDY	STATE: NM
ELEVATION: 3,722' GL ; 3,735' KB	SPUD DATE: 01/06/65	COMPLETION DATE: 03/01/65	
WELL BORE SCHEMATIC PREPARED BY: C.H. CARLETON		DATE: 02/27/95	

	DEPTH	SIZE	DRIFT	WEIGHT	GRADE	THREAD
CASING :	0 - 198'	13 3/8"		48#	H-40	
CASING :	0 - 2,002'	9 5/8"		36#	J-55	
CASING :	0 - 9,522'	7"		23,26#	J-55,N-80	LT&C
TUBING :						
TUBING :						



CURRENT



PROPOSED

CEMENT PLUG: 0'- 50'

CEMENT PLUG: 1,950'- 2,050'

CEMENT RETAINER @ 1,950', CAP WITH 10 SXS CEMENT.

PERFORATE 7" CASING @ 2,050', 4 SHOTS - 90 PHASING.

CEMENT PLUG: 3,400'- 3,500'

CEMENT RETAINER @ 3,400', CAP WITH 10 SXS CEMENT.

PERFORATE 7" CASING @ 3,500', 4 SHOTS - 90 PHASING.

CEMENT PLUG: 6,750'- 6,900'

TOC(CBL) @ 6,850'

DV TOOL @ 7,229'. CEMENT 2ND STAGE WITH 150 SXS.

CEMENT PLUG: 7,250'- 7,500'

CISCO (UPPER PENN) PERFORATIONS: 7,334'- 7,444' (OA)

BAKER MODEL "D" PACKER @ 9,095', CAP WITH 15 SXS(50') CEMENT.

BAKER MODEL "N" TUBING PLUG @ 9,110'

TOP OF FILL(AS OF 7/84) @ 9,146'

MORROW PERFORATIONS: 9,152'- 9,426' (OA)

PBTD @ 9,471'

7" CASING CEMENTED WITH 250 SXS.

TD @ 9,572'