Form 3160-4 ~ (August 1999)

Size

UNIT TATES

BBL

MCF

RRI.

Status

N.M. Oil Cons. Diration

DEPARTMENT OF THE INTERIOR 811 S. 1st Street

OMB NO. 1004-0137 Expires: November 30, 2000

FORM APPROVED

BUREAU OF LAND MANAGEMENT Artesia, NM 88210e Serial No. WELL COMPLETION OR RECOMPLETION REPORT AND LOG LC 065300 6. If Indian, Allotee or Tribe Name Oil Well Gas Well Dry la. Type of Well X Other Disposal Well Plug Back Diff Rosyn X New Well Work Over Deepen b. Type of Completion: 7. Unit or CA Agreement Name and No. See remarks Bunnel Federal 8. Lease Name and Well No. 2. Name of Operator Kerr-McGee Oil & Gas Onshore LLC Bunnel Federal #3 3a. Phone No. (include area code) 9. API Well No. 3. Address 715-4830 30-015-30701 P.O. Box 809004 Dallas TX 75380-9004 4. Location of Well (Report location clearly and in accordance with Federal requirements) 10. Field and Pool, or Exploratory 1**0 Indian Basin** (Devonian) RECEIVED 2050' FSL & 1850' FEL & OCD - ARTESIA 11. Sec., T., R., M., or Block and Survey of Acc. 18 T21S R23E At top prod. interval reported below 12. County or Parish 13. State 2050' FSL & 1850' FEL At total depth 17. Elevations (DF, RKB, RT, GL)\* 15. Date T.D. Reached 16. Date Completed 14. Date Spudded X Ready to Prod. D& A 4096 GR 7-6-00 08-10-99 06-11-00 10,000 19. Plug Back T.D.: MD 20. Depth Bridge Plug Set: MD 18. Total Depth: MD 10,000 TVD Was well cored? X No Yes (Submit analysis) 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Was DST run X No Yes (Submit report X Yes (Submit Directional Survey? No See remarks 23. Casing and Liner Record (Report all strings set in well) Slurry Vol. (BBL) No.of Sks. & Stage Cementer Cement Top+ Amount Pulled Bottom (MD) Wt.(#ft.) Top (MD) Hole Size Size/Grade Depth Type of Cement Surface None NA 1730 36# 0 1300 14.75 9-5/8 Prem C J-55 7314 3020 465 171 bb1 2370 (calc) None 7" K55 23 & 26# 0 8-3/4 Class C & H 9490' 9537 250 PKR @ 11.6# 6907 4.5 L-80 6 - 1/8Super C 24. Tubing Record Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Size Packer Depth (MD) Size 26 Perforation Record 25. Producing Intervals No. Holes Perf. Status Perforated Interval Bottom Size Formation Top 0pen 9970 Open Hole A) 9595 Devonian B) (Disposal) C) D) ACCEPTED FOR RECORD 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Amount and Type of Material Depth Interval 10,045 Gal 15% HCL 9595-9970 AUG 2 2 2000 (ORIG. SGD.) GARY GOURLE 28. Production - Interval A Water Gas Production Method Hours Oil Gas Oil Date First Production BBL. MCF BBI. Gravity Gravity Produced Date Tested Well Water Gas: Oil Csg. Choke BBL MCF RRI Ratio Status Size Flwg. Production-Interval B 28a. Gas MCF Gas Production Method Oil Date First Test Hours Test Production Gravity Gravity BBL. RRI. Tested Produced Water Gas; Oil Well Csg Choke Thg. Press.

Date Fried Task Test Trends Task Test Task Test Trends Task Test Task									al C	ction - Interval	8b. Produc	
Please   P		Production Method					Oil BBL					
Additional remarks (include plugging procedure):	<del></del>								Csg. Press.	Press.		
Additional remarks (include plugging procedure):  Logs: Platform Express Azimuthal Laterlog MCFL/GR / Schlumberger FMI Log 8900-8600 Platform Express 972-7393'  August '9 Well drilled to 7400' / May 2000 deepened well to 10,000' / July, 2000 (water disposal / July 6, 2000 established disposal into Devonian (9595 - 9970')) @ 7  Circle enclosed attechments:  1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and accenent verification 6. Core Analysis 7. Other					<u> </u>	Д			<u> </u>		8c. Productiv	
Date   Date   Tested   Production   BBL   MCF   BBL   Gravity   Gravity   Gravity   Press.		Production Method	Gas		Water		Oil					
Press. Pr				Gravity	BBL	MCF	BBL	Production	Tested	Date	roduced	
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Additional remarks (include plugging procedure):  Logs: Platform Express Azimuthal Laterlog MCFL/GR / Schlumberger FMI Log 8900-8600 Platform Express 9972-7393'  August '99 Well drilled to 7400' / May 2000 deepened well to 10,000' / July, 2000 water disposal / July 6, 2000 established disposal into Devonian (9595 - 9970') @ 7  Circle enclosed attachments:  I. Electrical/Mechanical Logs (I full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey  5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other									Csg. Press.	Press.		
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I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached				7. Other	nalysis	6. Core	rification	id cement verif	lugging an	Notice for plu	5. Sundry	
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