

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator
Kerr-McGee Oil & Gas Onshore LLC

3. Address
P.O. Box 809004 Dallas TX 75380-9004

3a. Phone Number (include area code)
972 715-4830

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1980 FSL & 1850 FEL Sec. 21 - 21S - 23E
At top prod. interval reported below Same
At total depth Same

5. Lease Serial No.
NM 05612A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Bright Federal #4 (27863)

9. API Well No.
30-015-31674 S1

10. Field and Pool, or Exploratory
Indian Basin Upper Penn

11. Sec., T., R., M., or Block and
Survey of Area
Sec. 21 - 21S - 23E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded
05-29-01

15. Date T.D. Reached
6-19-01

16. Date Completed
☐ D & A ☒ Ready to Prod.
07-11-01

17. Elevations (DF, RKB, RT, GL)*
3949'

18. Total Depth: MD
TVD 7850'

19. Plug Back T.D.: MD
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit)

See Remarks

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Shurry Vol. (BBL)	Cement Top*	Amount Pulled
18.5	16"		Surface	40'					
14.75	9-5/8	36#	Surface	1307'	None	945 sx		Surface	None
8-3/4	7"	23 & 26#	Surface	7846'	7086'	400 sx		5900' TS	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7656'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Penn	7252'	7569'	7252' - 7569'	.42 EHD		Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7252' - 7569'	5000 GALS 20% GEL HCL
7252 - 7569'	55,000 GALS 15% HCL & 1,131,936 SCF N2

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
07-11-01	07-18-01	24	→	0	1008	28			ACCEPTED FOR RECORD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

JUL 26 2001

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Upper Penn	7252	7569			

32. Additional remarks (include plugging procedure):

Haliburton - Dual Laterlog/Microsfl w/Spectral Gamma Ray/3 detector Density/
Compensated Neutron /PE/ Caliper from 7832 - 1300'
Halliburton - Emerald Magnetic Resonance Log/Microlog from 7676' - 7160'

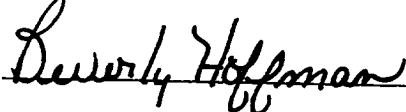
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 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

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Beverly HoffmanTitle Sr. Proration Analyst

Signature

Date 07-20-01

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



PATTERSON DRILLING COMPANY LP

A LIMITED PARTNERSHIP

410 North Loraine Street • Midland, Texas 79701
(915) 682-9401 • Fax (915) 682-1565

June 28, 2001

Kerr-McGee Oil & Gas Onshore LLC
P. O. Box 809004
Dallas, TX 75380-9004

Re: Deviation Report
Bright Federal #4
Sec. 21, T-21-S, R-23-E

RECEIVED
2001 JUL 25 PM 12 43
BUREAU OF LAND MGMT.
CARLSBAD FIELD OFFICE

Gentlemen:

The following is a deviation survey on the above-referenced well located in Eddy County, New Mexico.

255' - 0.50	3540' - 3.25	5113' - 5.25	6302' - 3.00
530' - 0.50	3829' - 3.00	5175' - 4.75	6397' - 3.00
882' - 0.75	3922' - 3.00	5236' - 4.75	6459' - 2.50
1065' - 1.00	4047' - 3.00	5297' - 4.25	6572' - 2.50
1307' - 1.25	4173' - 3.00	5361' - 4.00	6765' - 2.00
1550' - 1.50	4299' - 3.00	5425' - 4.00	7270' - 3.00
2040' - 1.00	4613' - 3.25	5488' - 3.75	7333' - 3.00
2540' - 1.75	4865' - 4.75	5582' - 3.00	7491' - 3.00
3040' - 2.50	4928' - 4.75	5708' - 2.75	7553' - 3.25
3170' - 3.00	4990' - 5.00	5898' - 2.25	7616' - 2.00
3264' - 3.00	5053' - 4.75	6087' - 2.50	7850' - 3.00

Sincerely,

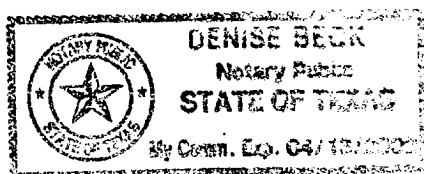
Treva Forrester

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 28th day of June, 2001 by Treva Forrester.

MY COMMISSION EXPIRES:

NOTARY PUBLIC



RECEIVED
2001 JUL 26 AM 9:03
BUREAU OF LAND MANAGEMENT
FISHERS CREEK