

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. Oil and Gas Division
ARTESIAN

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LLC

3a. Address

P.O. Box 809004, Dallas, TX 75380-9004

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/4 NE/4 SW/4 SEC 21 T21S R23E - 1900 FSL & 2200 FWL

3b. Phone No. (include area code)
(972) 715-4603

5. Lease Serial No.

NM 04684

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
SW158

8. Well Name and No.

BRIGHT FEDERAL 3
GAS COM

9. API Well No.

30-015-28899

10. Field and Pool, or Exploratory Area
INDIAN BASIN UPPER PENN

11. County or Parish, State

EDDY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☒ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Aug 3rd: Move in Key Energy Rig #810. Run in the hole with 6 1/2" bit, BS, 8-4 1/16" drill collars, XO, & 2 7/8" work string, tag @7202', drill out cement to 7202', drill out 7" CIBP @7218'. Drilled 6 1/8" hole from 7380' to 7590', pull out of the hole. Run in the hole with 8 5/8" hole opener from 7298' to 7590'. Ran Spectral Density Dual Spacing Neutron Spectral Gamma Log. Released rig.

Oct 19th: Rig up run in the hole with 7" retrievematic packer on 3 1/2" 9.3# J-55 work string, set packer @ 7172', test annulus to 1000#. Tested lines to 7500#, acidized Penn formation from 7272'-7590' with 20,000 gals. WF 130 pad gelled pad with 4,000 SCF nitrogen and 20,000 gals. 20% NEFEHCL gelled acid with 4,000 SCF/M nitrogen, flush with 2,400 gals., WF115/BDP @ 20 BPM with 5,100#. Total 1017 BLAW. Pull out of the hole. Run in the hole submersible pump and 2 7/8" tubing. Put well on test on 10/24/99.

ACCEPTED FOR RECORD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

EDGAR L. PEREZ

Title

PRORATION ANALYST

Date

11/10/1999

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes 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.

**Kerr-McGee Oil and Gas Corporation
DIMS - Well Operations Log**

Well Name: BRIGHT FEDERAL COM #3 - From: 01-JAN-1998 To: 31-DEC-2000

Event Description	Activity Date	From Time	To Time	Operation Description
Work Over	03-AUG-1999	06:00	06:00	MIRU KEY ENERGY SERVICES RIG #810 ON 08-02-1999/ND WELL HEAD/NU BOP'S/TIH W-6 1/8" RB, BS, 8-4 1/16" DC'S, XO, & 2 7/8" WS/TAG @ 7202'/SDFN
	04-AUG-1999	06:00	06:00	LWR BIT, DC'S & WS/DO CMT F-7202' T-7218'/DO 7" CIBP @ 7218'/LOST RETURNS/LWR & CO OH F-7280' T-7335'/REGAINED RETURNS @ 7300'/CIRC OUT PIECES OF JUNK METAL, IE, CIBP & OTHER DEBRIS/STILL MAY HAVE JUNK BELOW BIT/TOH TO 7150'/SDFN
	05-AUG-1999	06:00	06:00	TOH/ TIH W-2 7/8" HYDROSTATIC BAILER ON 2 7/8" WS/ TAG & CLEANOUT JUNK ON BTM OF HOLE @ 7335'/ TOH/ REC PIECES OF CIBP/ TIH W-6 1/8" RB, BS, 8-4 1/16" DC'S, XO, & 2 7/8" WS TO 7200'/SDFN
	06-AUG-1999	06:00	06:00	LWR BIT TO 7335'/DRLG 6 1/8" HOLE F-7335' T-7380'/45' IN 8 HRS/ TOH TO 7339'/HAD TIGHT SPOT/HAD TO ROTATE OUT OF IT/CONT TOH TO 7200'/SDFN
	07-AUG-1999	06:00	06:00	LWR BIT & TAG FILL @ 7360'/20' OF FILL/RAISE BIT TO 7340'/ BREAK CIRC GOING REVERSE & CLEAN UP OH/7 HRS CIRC TO CLEAN OH/LWR & CLEAN OUT FILL F-7360' T-7380'/DRLG 6 1/8" HOLE F-7380' T-7392'/12' IN 3 HRS DRLG/CIRC CLEAN/TOH TO 7200'/SDFN
	08-AUG-1999	06:00	06:00	WELL SHUT IN - CREWS OFF
	09-AUG-1999	06:00	06:00	WELL SHUT IN - CREWS OFF
	10-AUG-1999	06:00	06:00	LWR BIT & TAG @ 7392'/BRK CIRC/DRLG 6 1/8" HOLE F-7392' T-7428'/36' IN 8 HRS/CIRC CLN/TOH TO 7200'/SDFN
	11-AUG-1999	06:00	06:00	CREW ARRIVE ON LOCATION, LOWER BIT TO 7428' BREAK CIRC DRLG OH W/6-1/8 BIT F/7428' TO 7471'/43', BIT STARTED TO TORQUE, CIRC HOLE CLEAN & TOH TO 7200'. SHUT WELL IN FOR NIGHT. NO ACCIDENTS OR POLLUTION REPORTED
	12-AUG-1999	06:00	06:00	CREW TO LOCATION, TOH W/6-1/8 BIT, DC'S & TBG, CHG OUT BIT, TIH W/ NEW BIT TO 7458' / HAD 14' FILL, WASH DWN TO 7471', DRLG OH F/7471' TO 7533' / 61' / 5 HRS, CIRC HOLE CLEAN / TOH TO CSG @ 7200'. SDFN NO ACCIDENTS OR POLLUTION REPORTED
	13-AUG-1999	06:00	06:00	CREW TO LOCATION, LOWER BIT TO 7525' TAG FILL (8'), DRLG OH F/7533' TO 7590', CIRC HOLE CLEAN, TOH TO 7200', SDFN. NO ACCIDENTS OR POLLUTION REPORTED
	14-AUG-1999	06:00	06:00	CREW TO LOCATION, TIH TO 7590 & TAG BTM W/ NO FILL, TOH W/ BIT, RIG UP HOWCO LOGGING UNIT, TIH W/ LOGGING TOOLS TO 7365', TAG BRIDGE, TOH W/ LOGGING TOOLS. TIH W/ BIT TO 7258', STARTED TAKING 3-4K TO FIN. IN HOLE TO 7590', TOH TO CSG SEAT W/ 3-4K DRAG, TIH TO 7590' & SPOT HI-VIS PILL ON BTM. ATTEMPT TO TOH. PIPE STUCK @ 7575', WORK STUCK PIPE W/ FULL RETURNS UP TO 100K FOR 2-1/2 HRS, UNABLE TO FREE PIPE, PREP TO RUN FREE PT & BACKOFF. NO ACCIDENTS OR POLLUTION REPORTED

**Kerr-McGee Oil and Gas Corporation
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Well Name: BRIGHT FEDERAL COM #3 - From: 01-JAN-1998 To: 31-DEC-2000

Event Description	Activity Date	From Time	To Time	Operation Description
Work Over	15-AUG-1999	06:00	06:00	CREW TO LOCATION, RIG UP ROTARY W/L / FREEPOINT TBG & D/C'S / D/C'S 100% STUCK / TBG 100% FREE ABOVE D/C'S / CHEM CUT TBG @ 7185' / TOH W/ TBG / TIH W/ 4-11/16 OVERSHOT W/ 2-7/8 GRAPPLE / JARS & 6-4-3/4 DC'S / TAG & LATCH FISH @ 7185' / JAR ON STUCK PIPE UP TO 100K FOR 3-1/2 HRS / UNABLE TO FREE TBG / SI WELL FOR NIGHT / PREP TO SWAB WELL DOWN TO LOWER HYDROSTATIC PRESSURE TO SEE IF PIPE IS HYDROSTATICALLY STUCK. NO ACCIDENTS OR POLLUTION REPORTED.
	16-AUG-1999	06:00	06:00	CREW TO LOCATION, SWAB WELL DOWN TO 2500', STARTED RECOVERING DEBRIS IN TBG, UNABLE TO SWAB WELL DOWN BELOW 2500', JAR ON STUCK PIPE FOR 4 HRS TO 100K. UNABLE TO FREE PIPE. SWIFN. PREP TO BLOW WELL DRY W/ DOWELL N2 NO ACCIDENTS OR POLLUTION REPORTED.
	17-AUG-1999	06:00	06:00	CREW TO LOCATION, RIG UP DOWELL NITROGEN UNIT, BLOW WELL DRY W/200K SCF NITROGEN, JAR ON PIPE TO 100K, UNABLE TO FREE PIPE / SHUT WELL IN FOR NIGHT. NO ACCIDENTS OR POLLUTION REPORTED
	18-AUG-1999	06:00	06:00	WRK TBG & DC'S / UNABLE TO WRK FREE / SPOT 100 BBLS 41 GRAVITY OIL / PUT 80 BBLS OUT AROUND DC'S IN OH & LEFT 20 BBLS IN TBG / OIL ON SPOT @ 6:00 P.M. / SET 8 PTS WT ON FISH & 3 1/2" RDS RH TORQUE / LET OIL SOAK 1 HR /MOVE 5 BBLS / CWI / SDFN
	19-AUG-1999	06:00	06:00	CREW TO LOCATION/ CHK TBG WT/ FISH NOT FREE/ WRK TBG & REL OVERSHOT/ TOH/ RERAN OVERSHOT W-CONTROL GUIDE SEAL, BS, JARS, DC'S & TBG TO 7170'/ RIG UP PWR SWIVEL/ BREAK CIRC/ PUMP DN TBG/ LWR & LATCH FISH @ 7185'/ PMP DN TBG & BRK CIRC OUT BIT @ 7575'/ CIRC HOLE CLN/ CWI/ SDFN NO ACCIDENTS OR POLLUTION REPORTED
	20-AUG-1999	06:00	06:00	CREW TO LOCATION/ DS SPOT 420 GALS 20% NEFEHCL F-7575' T-7250'/ DS BRK DN OH F-7272' T-7575' @ 5 BPM, 0 PSI FOR 20 BBLS/ PRESS INC TO 200 PSI - 1050 PSI AFTER 40 BBLS PUMPED/ SHUT DN/ ISIP 900 PSI/ 3 MIN VAC/ J.C. @ 9:45 A.M./ RLS DS/ LET WELL SET STATIC FOR 2 1/2 HRS/ JAR ON FISH 2 HRS/ UNABLE TO JAR FISH LOOSE/ ROTARY WL RAN FP TOOL/ DC'S STILL STUCK @ 7336'/ ROTARY WL RAN STRING SHOT & BACKED OFF XO ON TOP OF DC'S @ 7335'/ TOH/ REC 22' OF CUTOFF 2 7/8" TBG, 4-JTS 2 7/8" TBG & XO SUB/ CWI/ SDFN NO ACCIDENTS OR POLLUTION REPORTED
	21-AUG-1999	06:00	06:00	TIH W-SCREW IN SUB, JARS, 6 - 4 3/4" DC & 2 7/8" TBG/ WASH DN TO TOP OF FISH @ 7335'/ SCREW INTO FISH/ JAR ON FISH 2 HRS/ JAR FISH LOOSE/ TOH LD & RECOVER ALL FISH & FISHING TOOLS/ CWI/ SDFN
	22-AUG-1999	06:00	06:00	CREWS OFF
	23-AUG-1999	06:00	06:00	CREWS OFF
	24-AUG-1999	06:00	06:00	TIH W-6 1/8" RB, BS, 10 4-1/16" DC'S, XO, & 2 7/8" WS/ CLEAN OUT OH F-7272' T-7590'/ CIRC CLEAN/ TOH W-BIT, DC'S, & WS/ SI WELL/ SDFN/ NO ACCIDENTS OR POLLUTION REPORTED
	25-AUG-1999	06:00	07:00	CREW TO LOCATION.

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ROSWELL, NM

Kerr-McGee Oil and Gas Corporation
DIMS - Well Operations Log

Well Name: BRIGHT FEDERAL COM #3 - From: 01-JAN-1998 To: 31-DEC-2000

Event Description	Activity Date	From Time	To Time	Operation Description
Work Over	25-AUG-1999	07:00	18:30	TIH W/ 8-5/8 HOLE OPENER , UNABLE GET OPENER TO CUT F/ 7272' TO 7298' TIME DRLG TO 7298' OPENER STARTED CUTTING, OPEN HOLE F/ 7298' TO 7331', CIRC HOLE CLEAN, SDFN. NO ACCIDENTS OR POLLUTION REPORTED
		18:30	06:00	CREW OFF.
	26-AUG-1999	06:00	07:00	CREW TO LOCATION.
		07:00	18:30	TIH W/ 8-5/8" UNDERREAMER TO 7331', NOFILL, OPEN HOLE F/ 7331' TO 7356'. DRLG 2-3 FPH FOR LAST 6 HRS. TOH TO CS @ 7272'. SHUT WELL IN FOR NIGHT.
		18:30	06:00	WELL SHUT IN FOR NIGHT.
	27-AUG-1999	06:00	07:00	CREW TO LOCATION.
		07:00	17:30	OPEN HOLE W/ 8-5/8 UNDER REAMER F/ 7356' TO 7362', UNDERREAMING SLOWED TO 1/2 FPH, TOH W/ UNDER REAMER, ALL CUTTERS WORN DOWN ON REAMER. TIH W/ SMITH 8-1/2" UNDER REAMER TO CS @ 7272'. SI WELL FOR NIGHT. PREP TO CONT. UNDER REAMING. NO ACCIDENTS OR POLLUTION EPORTED
		17:30	06:00	SHUT WELL IN FOR NIGHT.
	28-AUG-1999	06:00	07:00	CREW TO LOCATION.
		07:00	18:00	LOWER 8-1/2 UNDER REAMER TO 7362' & START UNDER REAMING HOLE F/ 7362' TO 7398' @ 4 MIN PER FT, REAMER QUIT CUTTING @ 7398', UNABLE TO GET REAMER TO CUT (POSSIBLE FILL @ 7398') TOH W/ UNDER REAMER, ALL 3 CUTTERS WERE TORN UP, L/D REAMER, TIH W/ BIT, DC'S & WS TO 1500'. SDFN. NO ACCIDENTS OR POLLUTION REPORTED.
		18:00	06:00	WELL SHUT IN FOR NIGHT.
	29-AUG-1999	06:00	07:00	CREW TO LOCATION.
		07:00	18:30	TIH W/ BIT & TAG FILL @ 7401', CLEAN OUT TO 7440', FELL THRU BRIDGE & CLEAN OUT TO 7590'. REC A LARGE AMT OF RUBBER & FORMATION. CIRC HOLE CLEAN, TOH W/ BIT & L/D SAME. NO ACCIDENTS OR POLLUTION REPORTED.
		18:30	06:00	WELL SHUT IN FOR NIGHT.
	30-AUG-1999	06:00	07:00	CREW TO LOCATION.
		07:00	18:00	FIN TIH W/ 8-1/2 UNDER REAMER & WS TO 7393', OPEN HOLE F/ 7393' TO 7413', F/ 7413' TO 7578' REAMER CUTTING LEDGES W/ NO WT, (HOLE APPARENTLY WASHED OUT IN THIS SPOT). TAGGED @ 7578' & OPENED HOLE F/ 7578' TO 7590'. CIRC HOLE CLEAN, TOH W/ UNDER REAMER. SDFN NO ACCIDENTS OR POLLUTION REPORTED.
		18:00	06:00	WELL SHUT IN FOR NIGHT.
	31-AUG-1999	06:00	07:00	CREW TO LOCATION.
		07:00	16:00	R/U HOWCO LOGGERS, ATT TO LOG OPEN HOLE F/ 7272' TO 7590' / LOG F/ 7590' TO 7540', STUCK TOOLS @ 7540' / WORK TOOLS FOR 4 HRS, UNABLE TO FREE TOOLS, SDFN. PREP TO FISH LOGGING TOOLS.
		16:00	06:00	SHUT WELL IN FOR NIGHT.
01-SEP-1999	06:00	06:00		TIH W-4 1/2" X 2 3/8" SIDE DOOR OS, BMPR SUB, & 2 7/8" WS / TAG & LATCH FISH @ 7490' / TOH / REC ALL FISH & WL / SDFN

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ROSWELL, NM

**Kerr-McGee Oil and Gas Corporation
DIMS - Well Operations Log**

Well Name: BRIGHT FEDERAL COM #3 - From: 01-JAN-1998 To: 31-DEC-2000

Event Description	Activity Date	From Time	To Time	Operation Description
Work Over	02-SEP-1999	06:00	06:00	HALLIBURTON RAN SPECTRAL DENSITY DUAL SPACED NEUTRON SPECTRAL GAMMA LOG F-7586' T-6000' / J.C. @ 10:00 A.M. / TIH W-10 4 1/16" DC'S & LD SAME / TIH W-7200' 2 7/8" WS / TOH LD WS TO 3500' / SDFN
	03-SEP-1999	06:00	06:00	FIN LD 2 7/8" WS / ND BOP / NU DRY HOLE TREE / CLN LOC / RDMO KEY ENERGY RIG #810 ON 09-02-1999 / WAITING ON FLOWLINES & ELECTRICITY.
	16-OCT-1999	06:00	06:00	MIRU KEY ENERGY SERVICES RIG #810 ON 10-15-1999 & ASSOC EQUIPMENT/SDFN
	17-OCT-1999	06:00	06:00	CREWS OFF
	18-OCT-1999	06:00	06:00	CREWS OFF
	19-OCT-1999	06:00	06:00	RIH W-BAKER 7" RETREIVAMATIC PKR ON 3 1/2" 9.3#/FT J55 WS / SET PKR @ 7172' / LOAD & TST ANNULUS & PKR TO 1000 PSI / HELD OK / CWI / SDFN
	20-OCT-1999	06:00	06:00	12 HRS SITP 100 PSI / PRO WIRELINE RAN DIP IN BHP / FL 5594', BHP @ 7431' IS 810 PSIA / RU DS / TST LINES TO 7500 PSI / HELD 1300 PSI ON CSG FOR JOB / ACIDZ PENN OH F-7272' T-7590' W-20,000 GALS WF130 PAD GELLED PAD W-4,000 SCF/M N2 & 20,000 GALS 20% NEFEHCL GELLED ACID W-4,000 SCF/M N2 / FLUSH W-2,400 GALS WF115 / BDP @ 20 BPM W-5100 PSI / AIR 20 BPM & 200 SCF-B N2 W-5100 PSI / MAX TP 5400 PSI / MIN TP 4200 PSI / ISIP VAC / TOTAL 1017 BLAW / J.C. @ 13:15 HRS / RD DS / SWAB & FLOW WELL 3 HRS / IFL 3500' / FFL SURF / REC 0 BO, 66 BLAW, N2 & ACID GAS / CWI / SDFN
	21-OCT-1999	06:00	06:00	12 HRS SITP 60 PSI/BLED PRESS OFF TO TST TNK/PMP 60 BFW DN 3 1/2" TBG/RLS PKR @ 7172'/TOH LD 3 1/2" WS & PKR/ND BOP & NU SEABOARD SUB PMP HEAD/NU BOPE/PU & MU SUB PMP EQUIP/CWI/SDFN
	22-OCT-1999	06:00	06:00	12 HRS SICP 200 PSI/KILL WELL DN 7" CSG W-200 BFW/RIH W-2 7/8" 6.5#/FT-L80 ICO PC TBG & SUB PMP ASSY/INSTALL CAP TUBE IN-WH & SPLICE CABLE/LAND TBG IN SEABOARD WH/ND BOPE & INSTALL TBG VLV & TEE/TS 7274'/INT 7242'/TPMP 7203'/KICK WELL OFF & LET WELL PMP UP/PMP'D UP IN 24 MIN/SHUT DOWN PMP/CWI/RDMO KEY ENERY SERVICES RIG #810 ON 10-21-1999
	23-OCT-1999			HOOK UP TO PRODUCTION FACILITY
	24-OCT-1999			PUT WELL ON TEST @ 11:30 AM.
	25-OCT-1999			SL 19 HRS, 0 BO, 887 BW, 0 MCF 60 HZ, 34 AMP, 123 DEG, 373 # PBHP
	26-OCT-1999	06:00	06:00	SL 20 HRS, 0 BO, 540 BW, 0 MCF, SLIGHT FLARE
	27-OCT-1999	06:00	06:00	SL 16 HRS, 0 BO, 484 BW, 0 MCF, DOWN ON UNDERLOAD
	28-OCT-1999	06:00	06:00	SL 5 HRS REC 125 BW / COULDN'T GET PUMP TO LOAD / PUMPED 120 BW DOWN TBG AND CASING, PUMP LOADED AND WAS STILL PUMPING AT DARK.

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DIMS - Well Operations Log**

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Event Description	Activity Date	From Time	To Time	Operation Description
Work Over	29-OCT-1999	06:00	06:00	SL 20 HRS. 0 BO, 405 BW, 100 MCF TO FLARE
	30-OCT-1999	06:00	06:00	SL 20 HRS, 0 BO, 221 BW, 64 MCF TO FLARE
	31-OCT-1999	06:00	06:00	SL 24 HRS, 0 BO, 316 BW, 52 MCF
	01-NOV-1999	06:00	06:00	SL 24 HRS, 0 BO, 120 BW, 52 MCF
	02-NOV-1999	06:00	06:00	sl 24 hrs, 0 bo, 233 bw, 50 mcf flared.



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