

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

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

3b. Phone No. (include area code)

972 715-4830

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

1900' FWL & 1750' FSL, SEC. 28, T 21S, R 23E

5. Lease Serial No.

NM 822535

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Federal 28-2

9. API Well No.

30-015-31180

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

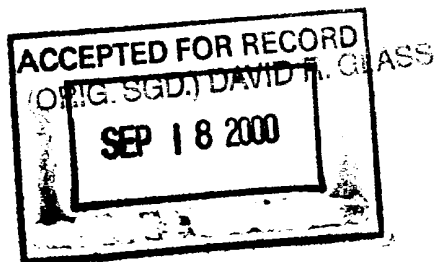
☐ Well Integrity

☒ Other Completion

Activities

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.)

The purpose of this Sundry notice is to report completion activities through September 8, 2000.  
See attached report for details of this activity.  
This well is currently shut in, waiting on swab unit.



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

Beverly Lakin

Title

Proration Analyst

Date 9-8-00

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

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

**Well Name: FEDERAL 28 #2 - From: 01-JAN-1989 To: 31-DEC-2000**

| Event Description | Activity Date | From Time | To Time | Operation Description  |
|-------------------|---------------|-----------|---------|--|
| Completion        | 07-AUG-2000   | 06:00     | 06:00   | WATING ON COMPLETION PROCEDURE & RIG   |
|                   | 08-AUG-2000   | 06:00     | 06:00   | MI & SPOT KEY ENERGY RIG #125 / SET IN ASSOCIATED EQUIPMENT / LEFT WELL SI   |
|                   | 09-AUG-2000   | 06:00     | 06:00   | RU KEY RIG #125 ON 08-08-2000 / NIPPLE UP BOP / UNLOAD RACK & TALLY 2 7/8 TBG / PICK UP TBG & TIH TO 6601' / CWI / SDFN  |
|                   | 10-AUG-2000   | 06:00     | 06:00   | PU TBG / DRILL DV @ 6927 / PU TBG / DRILL ON FC @ 7555' / TOH / BIT WORN OUT / SDFN  |
|                   | 11-AUG-2000   | 06:00     | 06:00   | TIH W/ BIT TO 7555/ DRILL FC TO 7557 / DRILL CMT 7557-7622 / CIRC / TOOH / SDFN<br>NOTE: CHANGED OUT RIGS DUE TO RIG PERFORMANCE   |
|                   | 12-AUG-2000   | 06:00     | 06:00   | PICK UP SCRAPPER TIH TO 7622' CIRC & CLEAN HOLE / DISPLACE W/ 2% KCL TIH LAY DOWN SCRAPPER. SIFN   |
|                   | 13-AUG-2000   | 06:00     | 06:00   | MIRU SCHLUMBERGER RUN CBL/CET -/-PERFORATE 7096'-T-7058' 4JSFP. PERFORATE 7046'-T-7026' 4JSFP.   |
|                   | 14-AUG-2000   | 06:00     | 06:00   | WELL SHUT IN UNTIL MONDAY AM   |
|                   | 15-AUG-2000   | 06:00     | 06:00   | TIH W/ PPI TOOL / HELD SAFETY MEETING / TEST LINES & PACKER / BREAK CIRC / SPOT ACID / PULL TOOL T - 7097 / BREAK DOWN @ 170 PSI / PULLT - 7089 / BREAK DOWN @ 170 PSI / PULL T - 7081 BREAK DOWN @ 215 / PULL T - 7073 / MAKE CONN / BREAK DOWN @ 166 PSI / PULL T - 7065 BREAK DOWN @ 215 / PULLT - 7057 BREAK DOWN @ 235 / PULL T - 7050 BREAK @ 235 / START FLUSH / PULL T - 7042 BREAK @ 235 / PULL T - 7034 BREAK @ 235 / PRESSURE UP T-4000 PSI ISDP / 5 MIN SIDP 0 PSI / RLSE SEAT PKR / TOOH / LAY DOWN PPI TOOL / PICK UP MOD R PKR / TIH / SET PKR @ 7001 / ND BOP / INSTALL TREE / TOTAL LOAD 186 BLAW / SDFN                                |
|                   | 16-AUG-2000   | 06:00     | 06:00   | 200 PSI ON TBG BLEED OFF IN 15 MIN / SWAB WELL / 1ST RUN FLUID @ 3200' / SWAB T-4500' RECOVER 6 BBL / 2 ND SWAB RUN T-6500 RECOVER 11 BBL / 3 RD SWAB RUN T- 7000 RECOVER 2 BBL / TBG DRY, WELL DEAD / 185 BBL LEFT TO RECOVER / SIFN  |
|                   | 17-AUG-2000   | 06:00     | 06:00   | CHK PRESSURE - 0 PSI / SWAB WELL FLUID @ 6600' / RECOVER 2 BBL / SHUT WELL IN UNTIL FRIDAY.  |
|                   | 18-AUG-2000   | 06:00     | 06:00   | WELL SHUT IN./ 48 HRS SITP 0 PSI   |
|                   | 19-AUG-2000   | 06:00     | 06:00   | 39 HRS SITP 50 PSI / SWAB WELL 6 HRS / REC 0 BO / 1 BLAW / NO GAS / FL 6500' - 6600' / NO FE ON SUCCESSIVE RUNS / RU BJ SERVICES / TST LINES TO 6000 PSI / BJ ACID FRAC UPPER PENN PERFS W/1350 GALS 15% HCL IN 3 STGS W/150 7/8" RCNBS AS DIVERTER IN FIRST TWO ACID STGS & TWO GELLED 2% KCL DIVERSION STGS FOAMED TO 80Q W/N2 / BDP 400 / MAXP 2365 PSI @ 14.2 BPM CIR / MINP 391 PSI @ 14.2 BPM CIR / AVGP 1655 PSI @ 14.2 BPM CIR / ISIP 1400 PSI / 5 MIN 488 PSI / 10 MIN 400 PSI / 15 MIN 371 PSI / ACIR 14.2 BPM / -328 BLAW / RD BJ / FLOWED WELL TO PIT ON 3/4" CHOKE / FTP 400 PSI - 0 PSI / REC N2 & FOAMED WTR / APPROX 5 BBLs / CWI / SDFN |
|                   | 20-AUG-2000   | 06:00     | 06:00   | 11 HRS SITP 220 PSI / BLED OFF PSI TO PIT IN 2 MIN / SWAB WELL 6 HRS / REC 0 BO / 50 BLAW / N2 - NO GAS / FL F-5000' T-6600' / SLIGHT TO FAIR BLOW AFTER RUNS / MOSTLY SLIGHT W/NO GAS / CWI / SDFN / -278 BLAW  |

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

**Well Name: FEDERAL 28 #2 - From: 01-JAN-1989 To: 31-DEC-2000**

| Event Description | Activity Date | From Time | To Time | Operation Description   |
|-------------------|---------------|-----------|---------|---|
| Completion        | 21-AUG-2000   | 06:00     | 06:00   | CREWS OFF   |
|                   | 22-AUG-2000   | 06:00     | 06:00   | RDMO KEY WS RIG #125 ON 08-21-2000 AND ALL ASSOC EQUIP TO BRIGHT FEDERAL #2 TO REPAIR SUB PMP   |
|                   | 23-AUG-2000   | 06:00     | 06:00   | SITP 90 PSI / WAIT ON COMPLETION RIG  |
|                   | 24-AUG-2000   | 06:00     | 06:00   | SITP 100 PSI / WAITING ON COMPLETION RIG  |
|                   | 25-AUG-2000   | 06:00     | 06:00   | MIRU KEY ENERGY RIG #810 ON 08-24-2000 AND ASSOC EQUIP / LEFT WELL SHUT IN FOR NIGHT  |
|                   | 26-AUG-2000   | 06:00     | 06:00   | SITP 0 PSI / ND XMAS TREE / NU BOP / RLS PKR / TOH / SCHLUM PERF UPPER PENN 7161'-7171'; 7200'-7214'; 7224'-7230'; 7262'-7276'; & 7350'-7382' 4JSPF (304 HOLES) 90 DEG PHASED W/4" OD HEGS CSG GUN BY SCHLUM CBL-CET-GR LOG DATED 08-12-2000 / J. C. @ 14:30 HRS / RIH W/BAKER 7" MOD "R" PKR, 1 JT 2 7/8" TBG, 1-BAKER SLIDING SLEEVE, & 2 7/8" TBG / SET PKR @ 7119' / ND BOP / NU XMAS TREE / SWAB WELL 2 HRS / REC 0 BO / 6 BLW / SLIGHT CONT GAS BLOW W/2' FLARE / FL 5900' - 6800' / CWI / SDFN   |
|                   | 27-AUG-2000   | 06:00     | 06:00   | 13 HRS SITP 200 PSI / BLED WELL DN TO PIT W/GAS FLARE IN 3 MIN / MADE 1 SWAB RUN / FL 6800' - 7100' / REC 1 BLW / SLIGHT CONT GAS BLOW W/FLARE AFTER RUN / CWI / SDFN   |
|                   | 28-AUG-2000   | 06:00     | 06:00   | WELL SHUT IN / CREWS OFF  |
|                   | 29-AUG-2000   | 06:00     | 06:00   | WELL SHUT IN / CREWS OFF  |
|                   | 30-AUG-2000   | 06:00     | 06:00   | 69 HRS SITP 50 PSI / BJ TST LINES TO 6000 PSI / MONITOR ANNULUS DURING JOB FOR COMMUNICATION W/LOWER PERFS / NO COMMUNICATION / BJ ACIDZ PENN PERFS 7161' - 7382' W/14,400 GALS GELLED 15% HCL FOAMED W/N2 IN 3 STGS USING 150 7/8" RCNBS IN TWO STGS W/TWO STGS OF 2% KCL GELLED WTR AS DIVERTOR / BDP 4400 PSI / MAXP 4350 PSI / MINP 2200 PSI / AVGP 3300 PSI / ACIR 7.8 BPM / BALL ACTION 1ST DROP 3600 PSI - 4200 PSI / 2ND DROP 3300 PSI - 3890 PSI / ISIP 1190 / 5 MIN 693 PSI / 10 MIN 549 PSI / 15 MIN 469 PSI / -375 BLAW / J. C. @ 1100 HRS / CARDINAL SURVEYS RAN GR-TEMP LOG TO EVALUATE ACID FRAC / LOG INDICATED ALL PERFS RECEIVED SOME TREATMENT / ZONES F-7190' T-7245' & F-7340' T-7384' W/CHANNEL DOWN TO 7445' RECEIVED MOST OF THE TREATMENT / SITP 700 PSI / OPEN WELL TO PIT THRU CHOKE MANIFOLD & BLED DOWN TO 0 PSI IN 4 1/2 MIN / WELL BEGAN TO FLOW 3/4" STREAM ACID WATER W/N2 TO SURFACE / FLOWED 1 HR / REC 0 BO, 1-2 BLAW, N2 / WELL DIED / SWAB WELL 2 HRS / REC 0 BO, 40 BLAW, N2 - NO GAS, FL 3500' - 4100' / CWI / SDFN |
|                   | 31-AUG-2000   | 06:00     | 06:00   | 13 HRS SITP 200 PSI / BLED DN TO PIT / SWAB & FLOW WELL 10 HRS / REC 0 BO, 80 BLAW, GAS - CONTINUOUS SLIGHT BLOW W/MODERATE BLOWS AFTER RUNS W/FLUID / FL 3200' - 5400' & SCATTERED / CWI / SDFN -255 BLAW  |
|                   | 01-SEP-2000   | 06:00     | 06:00   | 13 HRS SITP 400 PSI / FLARED DRY GAS TO PIT / BLED DN TO 0 PSI IN 45 MIN / SWAB WELL 10 HRS / REC 0 BO, 120 BLAW, GAS-MODERATE BLOW AFTER RUNS / FL 5800' - 5800' / CWI / SDFN -135 BLAW  |

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**Well Name: FEDERAL 28 #2 - From: 01-JAN-1989 To: 31-DEC-2000**

| Event Description | Activity Date | From Time | To Time          | Operation Description   |
|-------------------|---------------|-----------|------------------|---|
| Completion        | 02-SEP-2000   | 06:00     | 06:00            | 13 HRS SITP 425 PSI / FLARED DRY GAS TO PIT / BLED DOWN IN 35 MIN / SWAB WELL 9 HRS REC 0 BO, 135 BLAW, 4 BW, GAS ONLY DURING RUNS / FL 5800' - 6000' STABILIZED / CWI / SDFN               |
|                   | 03-SEP-2000   | 06:00     | <del>06:00</del> | CREWS OFF / WELL SHUT IN  |
|                   | 04-SEP-2000   | 06:00     | 06:00            | CREWS OFF / WELL SHUT IN  |
|                   | 05-SEP-2000   |           |                  |   |
|                   | 06-SEP-2000   | 06:00     | 06:00            | 86 HRS SITP 450 PSI / FLARED DRY GAS TO PIT / BLED DN IN 40 MIN / SWAB WELL 10 HRS / REC 0 BO, 160 BW, GAS ONLY DURING RUNS / IFL 5000' / FFL 5800' / FLUID STAB 5800' - 6000' / CWI / SDFN |
|                   | 07-SEP-2000   | 06:00     | 06:00            | WAITING ON SWAB UNIT  |
|                   | 08-SEP-2000   | 06:00     | 06:00            | WELL SHUT IN / WAITING ON SWAB UNIT   |

08 SEP 10 11:10