

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st
Artesia, NM 87002-2834

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

3a. Address
P.O. Box 2880, Dallas, TX 75221-2880

3b. Phone No. (include area code)
(972) 715-4520

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

5. Lease Serial No.

NM 04686

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

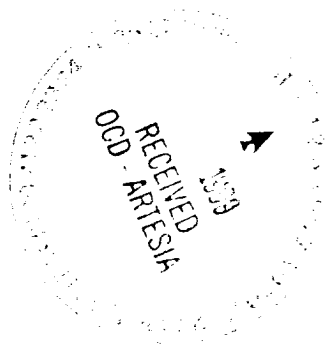
TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input checked="" type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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 recomplete 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 recompletion 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.)

SEE ATTACHED WORKOVER PROCEDURE, WELL HISTORY, AND CURRENT AND PROPOSED WELL DIAGRAM.
WELL WILL REMAIN PRODUCTIVE IN THE UPPER PENN RESERVOIR. PROPOSED TD 7590'.

255'



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

STEPHEN FORE

Title

PRORATION ANALYST

Date 05-24-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

Title

PETROLEUM ENGINEER

Date 05-24-99

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

DATE: May 19, 1999
WELL NAME: Bright Federal #3
FIELD: Indian Basin
LOCATION: 1900' FSL & 2200' FWL, SEC 21, T-21-S, RANGE 23-E
EDDY COUNTY, NEW MEXICO

AFE _____

DATA

Permanent Zero Point: KB 17' above GL
PBDT: 7335'
Casing Size, Weight, Depth: 7" 23/26# @ 7272'
Tubing Size, Weight, Type, Depth: n/a
Packer: n/a
TOC: 5000' (CALC)
Log:
Perfs (Formation & Depth) : Upper Penn, OH 7272-7335'

RECOMMENDED WORKOVER PROCEDURE

"SAFETY IS TOP PRIORITY"

HIGH H2S ENVIRONMENT. H2S MONITORING EQUIPMENT REQUIRED AT ALL TIMES.

1. MIRU. KILL WELL IF NECESSARY WITH PRODUCED WATER. RD WELLHEAD. RU BOP'S.
2. PU 2-7/8" WORKSTRING. RU REVERSE UNIT. RIH W/6-1/8" BIT PLUS DC's ON WS. TAG CEMENT ON CIBP @ 7195'. DRILL OUT CEMENT AND CIBP USING PRODUCED OR FRESH WATER.
3. LOWER BIT AND TAG PDTD @ 7335'. DEEPEN WELL TO 7590'. POOH W/WS, DC's & BIT.
4. RU HALLIBURTON. LOG FROM TD (7590') TO 6590' OR MINIMUM LOG CHARGE, WHICHEVER IS LESS. RD HALLIBURTON.
5. RIH W/UNDERREAMER. UNDERREAM HOLE FROM 7272-7590' USING 8-3/4" UNDERREAMER. POOH.
6. RU DS. TEST LINES TO 3500 PSI. ACID FRAC PER DS's RECOMMENDATION. DO NOT EXCEED 3500 PSI (80% CSG BURST PRESSURE). RD DS.
7. SWAB WELL TO TEST FLUID ENTRY.
8. RIH W/ESP AS PER THEIR RECOMMENDATION.
9. RD BOP's, RU WELLHEAD. POP.

WELL HISTORY

BRIGHT FEDERAL #3

FIELD: INDIAN BASIN

LOCATION: 1900' FSL & 2200' FWL , SECTION 21, T-21-S. RANGE 23-E, EDDY COUNTY, NEW MEXICO

ELEVATION: ZERO = KB = 17.00' AGL

DEPTHS: TD = 7365' PBTD = 7335'

SPUD DATE: 4-15-96

CSG DATA: SURFACE 9-5/8", 36# @ 1285'
CMT'D W/960 SX

PRODUCTION 7", 23/26# @ 7272'
CMT'D W/365 SX (TOC @ 5000' CALC.)

WELL HISTORY

5/2/96 7" casing shoe set and cemented @ 7272'. Open hole section drilled out from 7272-7365' w/ 6-1/8" bit. Run platform logs. Dump bail plastic in several runs. Acidize OH w/2000 gals 15% HCl w/N₂. Swab well I w/scattered gas shows. RIH w/bulldog bailer on 3-1/2" tbg. Tag & mill 7318-7326'. POOH w/bailer, plugged w/plastic. TIH w/bailer, basket & jars on 3-1/2" tbg. Ream and cut to 7332'. Recover plastic, iron sulfide & main body of blanking plug. TIH w/globe basket and bailer -- rotate and bail to 7335'. TIH w/4" HEGS guns and perf OH 7307-7335' @ 4 jsp. Made 15 bailer runs and recover sand and plastic. Acidize OH w/10,000 gals 15% HCl w/N₂ & GRS. Swabbed well in -- final fluid level 5200-4600'. Put well on rod pump. Test 0 bcpd/275 bwpd/240 mcfpd. Pump gas locking. Final test -- 7/26/96 -- 0 bcpd/ 260 bwpd/ 648 mcfpd. Test -- 11/30/96 -- 3 bcpd/ 178 bwpd/ 543 mcfpd.

11/13/98 Blew well down. Pumped 60 bbls 2% KCl to kill well. RIH w/CIBP & set @ 7230'. Dump bail 6 sx (35') cement on top of CIBP. Test casing w/BLM rep present.

Current Completion

KB: 3964.0'
DF: 3963.0'
GL: 3947.0'
Datum: KB, 17.0' above GL

Bright Federal #3

Rob Brown 5/13/99

1900' FSL & 2200' FWL
Sec 21-T21S-R23E
Eddy Co, NM

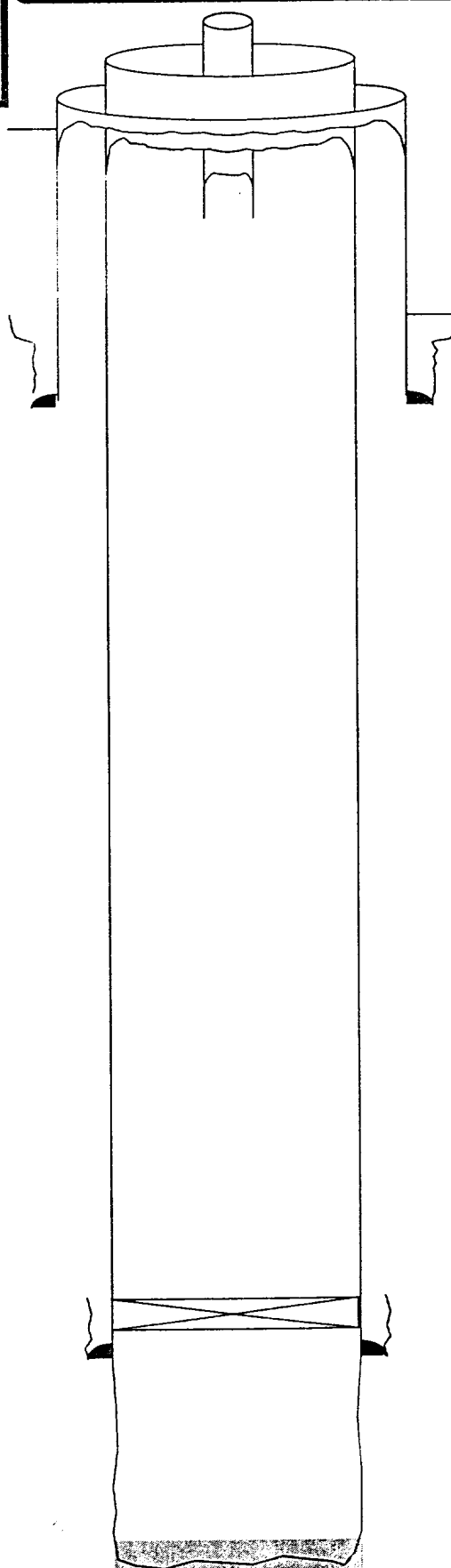
TOC @ surface

9-5/8", 36 #/ft @ 1285'
Cemented w/960 sx cement

TOC @ 5000' (CALC)

7", 23/26 #/ft @ 7272'
Cemented w/365 sx cement

PBTD = 7335'



CIBP @ 7230' w/6 sx cement

6-1/8" OH

Perf OH 7307-7335' @ 4 jspf

TD = 7365'

Proposed Completion

KB: 3964.0'
DF: 3963.0'
GL: 3947.0'
Datum: KB, 17.0' above GL

Bright Federal #3

Rob Brown 5/19/99

1900' FSL & 2200' FWL
Sec 21-T21S-R23E
Eddy Co, NM

TOC @ surface

9-5/8", 36 #/ft @ 1285'
Cemented w/960 sx cement

TOC @ 5000' (CALC)

7", 23/26 #/ft @ 7272'
Cemented w/365 sx cement

PBTD = 7590'

TD = 7590'

Perf OH 7307-7335' @ 4 jspf

6-1/8" OH

