

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil
811 S. 1st
Artesia, NM

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

0157

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

KER McGEE CORPORATION

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)

SEC 17, T 22S, R 23E
1020' FNL & 750' FEL

5. Lease Serial No.

NM-033647

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No
BOGLE FLATS UNIT

13

9. API Well No.

30-015-28827

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 ☒ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ 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 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.)

SEE ATTACHED WORKOVER PROCEDURE FOR DEPEN WELL IN THE UPPER PENN FORMATION. WELL WILL REMAIN PRODUCTIVE FROM UPPER PENN ONLY.

75'



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

MAY 28 1999

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.

Title 18 U.S.C. Section 1091, 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.

(Instructions on reverse)

DATE: May 3, 1999
NAME: Bogue Flats #13 AFE _____
FIELD: Indian Basin
LOCATION: 1020' FNL, 750' FEL, Sec 17, T22S, R23E
Eddy, New Mexico

DATA

Permanent Zero Point:..... KB 17' AGL, GL 4152'
PBTD: 7097'
Casing Size, Weight, Depth: 7" 23# K-55 @ 6957'
Tubing Size, Weight, Type, Depth: 3-1/2", 9.3# J-55 EUE @ 6950'
Packer: Baker 'DB' @ 6870'
TOC:..... 4600' CALC
Log:.....
Perfs (Formation & Depth) : Upper Penn , Open hole fr. 6957-7097'

RECOMMENDED WORKOVER PROCEDURE

"SAFETY IS TOP PRIORITY"

1. MIRU RIG. KILL WELL IF NECESSARY WITH PRODUCED WATER. RD WELLHEAD. RU BOP'S. POOH W/ 2-7/8" TUBING
2. PU 2-7/8" WORKSTRING. RU REVERSE UNIT. RIH W/ "CK" MILL, 2-3 COLLARS, AND JUNKBASKET.. LATCH PACKER. REVERSE CIRCULATE. MILL UP BAKER 'DB' PACKER @ 6870' USING PRODUCED WATER. POOH.
 - SET DOWN, PUMP 40-50 BBLS WATER @ 0.5 BPM OR LESS
 - ROTATE PIPE AT 100 RPM
 - ATTEMPT TO KEEP 2000 #'S WT. DOWN
 - AFTER 1FT. IN PACKER SHOULD START TO SPIN
 - STOP ROTATING, SET 15-20K DOWN FOR 1-2 MIN. PU RESUME MILLING OPERATION
 - FLUSH CUTTING TO BOTTOM AS NECESSARY
 - DRILL APPROX. 37 IN. , LET PACKER FALL TO BOTTOM
 - WORK THROUGH LOWER COLLARS, AND POOH.

3. RIH W/ 6-1/4" BIT PLUS DC'S ON WS. TAG TD AT 7097'. DRILL OUT TO 7172'. USING PRODUCED WATER, OR FRESH WATER. POOH.
4. RU SCHLUMBERGER. LOG W/ NGT, PE, NEUTRON, DENSITY. FROM TD(7172') TO 6172 FT. RD SCHLUMBERGER.
5. RIH W/ UNDERREAMER. UNDERREAMER HOLE FROM 6957 TO 7172FT USING 8-3/4" UNDERREAMER. POOH.
6. RU DS. TEST LINES TO 3500 PSI. ACID FRAC PRE THE ATTACHED PROCEDURE. DO NOT EXCEED 3500 PSI(80% CSG BURST PRESSURE). RD DS.
7. RIH W/ ESP AS PER ATTACHED RECOMMENDATION. SET AT 7120 FT. ON 2-7/8" IPC 505 TUBING.
8. RD BOP'S, RU WELLHEAD. POP.

WELL HISTORY

BOGLE FLATS #13

FIELD: INDIAN BASIN
LOCATION: 1020' FNL, 750' FEL, SEC 17, 22S, 23E
EDDY, NEW MEXICO

ELEVATION: 17' - KB 4152 - GL
DEPTHS: 7097 - TD - PBTB
SPUD DATE: 2/25/96 COMPLETED: 4/11/96
CSG DATA: 9-5/8", 36#, K-55 @ 1250'
7", 23#, K-55 @ 6957'
3-1/2", 9.3#, J-55 @ 6950'

WELL HISTORY

2/25/96:

SPUD WELL. TOP SET CASING ABOVE UPPER PENN @ 6957'. DRILL OUT W/AIR MIST TO 7097'. TESTED @ 6500 MCFPD, FTP 400 PSI, 8000 PPM H₂S. KILLED WELL W/150 BBLS 2% KCL. TOOH. RU WELLHEAD. UNLOADED WELL FOR 8 DAYS. FLOW RATES FROM 1.0 TO 3.0 MMCFPD, WATER RATES FROM 50 DOWN TO 8 BWPD, REC 150 BW.

FINALED WELL @ 3022 MCFPD, 1 BC, 1 BW @ 290 PSI FTP.

5/10/96:

ACDZ PENN OH W/10,000 GALS 15% HCL + N₂ IN 5 STAGES W/GRS. AVG 1720#, AIR 3 BPM, 70Q FOAM, SAW 400# INCREASE W/1ST BLOCK, 500# 2ND BLOCK, NO OTHERS NOTED. ISIP = 1000 PSI. FINAL REPORT: FTP 540 PSI, 5034 MCFPD, 13 BC, 2 BW.

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL

Boyle Plate #13

FIELD

Indian Basin

DATE

5/3/99



PRESENT COMPLETION



SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

9.5/8" 36# 1K55 @ 1250'
(cont'd w/ 960 SXS. to
surface)

TDC est. @ 4600'

7" 23# 1K55 @ 6957'
(cont'd w/ 260 SXS.)

3 1/2" 9.3" J-55
@ 6870'

- 7" Baker 'DB' pipe
w/ 3.25 id @ 6870
- 6" without extension
- 'F' nipple (2.31 in
@ 6876
- WH running guide

6 1/4" OH - Upper Pipe
16957 - 70957'
14'

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL

Boyle Flats #13

FIELD

Indian Basin

DATE

5/3/99

☐ PRESENT COMPLETION☐ SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

9.5/8" 36# K55 @ 1250'
(cont'd w/ 960 SXS, to
surface)

TDC est. @ 4600'

7" 23# K55 @ 6957'
(cont'd w/ 260 SXS.)

2 7/8" tbg.

U. Perm
O.H. - 8-3/4"

6957 - 7172'
(215' net)

ESP TO 1000 (H.)
upshowered into