

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

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.

NM 05612A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

7. If Unit or CA/Agreement, Name and/or No.
SW 158

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

APR 09 2004

2. Name of Operator

OCD-ARTESIA

KERR MC-GEE OIL & GAS ONSHORE LLC

3a. Address

3b. Phone No. (include area code)

16666 NORTHCHASE HOUSTON, TX 77060

281 673-6590

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

1980' FSL & 1850' FEL SEC. 21-21S-23E

9. API Well No.

30-015-31674

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

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ 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

Install wtr circ
system

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.)

THIS SUNDRY NOTICE IS BEING SUBMITTED FOR THE INSTALLATION OF A WATER CIRCULATION SYSTEM TO KEEP THE SUBPUMP OPERATING AT MAXIMUM EFFICIENCY:

SEE ATTACHED PROCEDURE

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

ROD L. BAILEY

Title

PRORATION MANAGER

Date 04/01/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) ALEXIS C. SWOBODA

PETROLEUM ENGINEER

Date

APR 07 2004

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, and Title 43 U.S.C. Section 1212, 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.

DATE: MARCH 22, 2004
WELL NAME: BRIGHT FEDERAL #4
FIELD: INDIAN BASIN
LOCATION: 1980' FSL & 1850' FEL, SEC 21, T21S, R23E
EDDY COUNTY, NEW MEXICO

AFE: 304357

DATA

Permanent Zero Point:..... KB 15.0' above GL at 3949'
PBTD: 7,743'
Casing Size, Weight, Depth: 7", 23 & 26# at 7,846'
Tubing Size, Weight, Type, Depth:..... 2-3/8", 4.7#, L-80 (BTM 81 JTS EPC/IPC, TOP 152 JTS IPC)
Packer: NONE
TOC: 5,900' (TEMP SURVEY)
Perfs (Formation & Depth) Upper Penn: 7252-7259, 7328-7339, 7353-7361, 7373-7381,
7392-7407, 7424-7429, 7442-7467, 7486-7490, 7496-7508,
7516-7569, ALL AT 4 SPF

"SAFETY IS TOP PRIORITY"

HIGH H2S ENVIRONMENT AND H2S MONITORING EQUIPMENT REQUIRED AT ALL TIMES

PURPOSE: TO INSTALL A RECIRCULATION SYSTEM USING 1" THERMOFLEX TUBING

1. MIRU. ND WH. NU BOP. POOH W/ 2-3/8" TBG & TD 460 SUB LIFT EQPT. CHECK SUB LIFT EQPT FOR WEAR & DETERMINE WHAT CAN BE RE-RAN. MAKE PREPARATIONS WITH ESP TO RE-RUN TD 460 SUB LIFT ASSEMBLY & REPLACE WORN UNITS.
2. PU WS. TIH W/ BIT & SCRAPER FOR 7" 26# CSG TO PBTD @ 7,743'.
3. TIH w/ ESP TD 460 SUB EQPT ON 2-3/8" IPC/EPC TBG (RE-RUN EXISTING TUBING WHERE POSSIBLE). RUN 1" THERMOFLEX TUBING AS A RECIRCULATION LINE / CAP STRING. DO NOT RUN A SS CAP STRING WITH THIS INSTALLATION. BAND THE THERMOFLEX TUBING TO THE 2-3/8" TUBING ALONG WITH THE POWER CABLE. THERMOFLEX INSTALLATION WILL REQUIRE A SPOOLING FRAME AND PULLEY OVER THE WELLHEAD TO LINE THE PRODUCT UP WITH THE TUBING. POLYFLOW, INC. CONTACT IS JAY WRIGHT (610) 666-5150 (SHOULD NOT NEED POLYFLOW REP ON HAND).

THERMOFLEX TUBING PROPERTIES:

OD	ID	MAX TENSILE LOAD	MAX OPER PRESSURE	WT/FT
1.0"	0.61"	2,200 LBS	1,500 PSI	0.23 LBS/FT

4. LAND PUMP AT +/- 7650' SO PUMP INTAKE IS BELOW LOWEST PERFS. ND BOP. NU WH. RDMO.
5. TURN OVER TO PRODUCTION. AREA 23 FIELD TO HANDLE SURFACE FACILITY HOOKUP FOR CONTINUOUS WATER INJECTION.

Current Completion

KB: 3964.0'

DF: 3963.0'

GL: 3949.0'

Datum: KB, 15.0' above GL

Bright Federal #4

API 30-015-31674

Julio Cabrera 2/03/04

1980' FSL & 1850' FEL

Sec2-T21S-R23E

Eddy Co, New Mexico

Surface Csg:

9-5/8" 36# K-55 Csg set in

14-3/4" hole w/945 sks cmt

TMD set at 1,307'

TOC at surface

TOC @ 5,900' (Est)

DV Tool at 7,069' - 7,086'

Cmt with 310 sks cmt

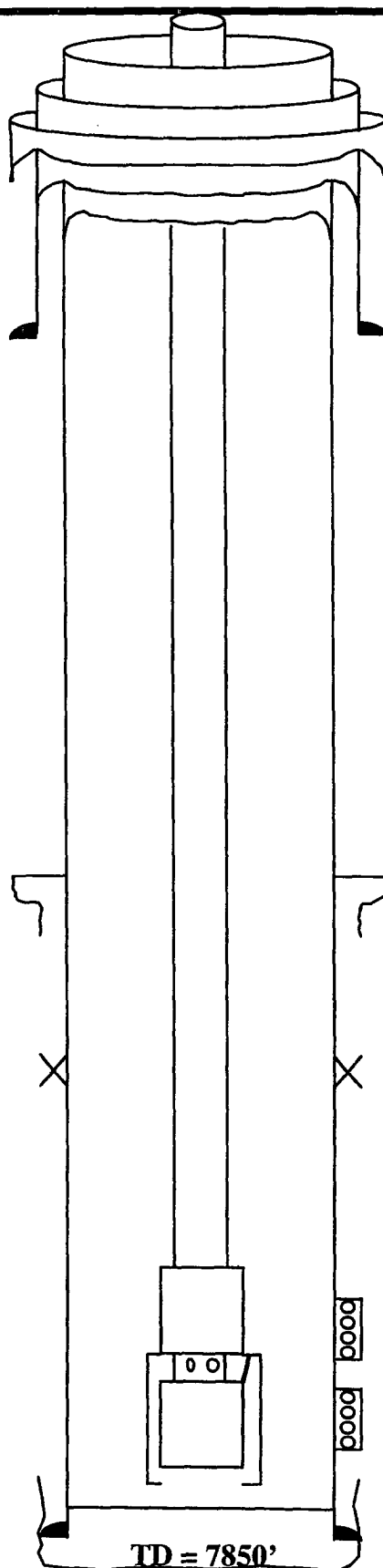
Production Csg:

7" 23# & 26# K-55 Csg set in

8-3/4" hole w/90 sks cmt

TMD set at 7,846'

PBTD = 7,743'



2-3/8" 4.7# L-80 tbg

152 jts IPC

81 jts IPC/EPC

246 Stg TD460 pump, w/ shroud

Upper Penn Perfs:

7252-59, 7328-39, 7353-61, 7373-

81, 7392-407, 7424-29, 7442-67,

7486-490, 7496-508, 7516-569

at 4 spf

Proposed Completion

KB: 3964.0'

DF: 3963.0'

GL: 3949.0'

Datum: KB, 15.0' above GL

Bright Federal #4

API 30-015-31674

Julio Cabrera 3/18/04

1980' FSL & 1850' FEL

Sec2-T21S-R23E

Eddy Co, New Mexico

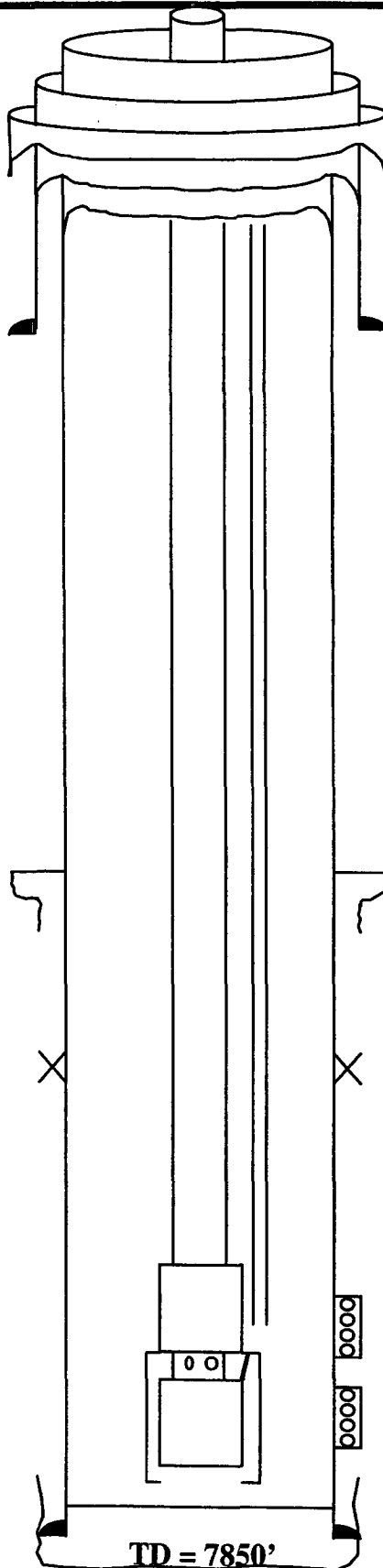
Surface Csg:

9-5/8" 36# K-55 Csg set in

14-3/4" hole w/945 sks cmt

TMD set at 1,307'

TOC at surface



Tubing String

2-3/8" 4.7# L-80 tbg

152 jts IPC

81 jts IPC/EPC

Recirculation String

1" OD Thermoflex (0.61" ID)

0.23 #/ft

Max Tensile 2200 lbs

Max Operating Pressure 1500 psi

TOC @ 5,900' (Est)

DV Tool at 7,069' - 7,086'

Cmt with 310 sks cmt

Production Csg:

7" 23# & 26# K-55 Csg set in

8-3/4" hole w/90 sks cmt

TMD set at 7,846'

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PBTD = 7,743'

TD = 7850'