

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING APPLICATION**
Please TYPE Form and File ONE Copy

Form CP-1
September 2003
**This Form must be Typed
Form must be Signed
All blanks must be Filled**

API # 15 - 189-00186 -00-00 (Identifier Number of this well). This must be listed for wells drilled since 1967; if no API # was issued, indicate original spud or completion date 5/14/50.

Well Operator: ExxonMobil Oil Corporation KCC License #: 5208
(Owner / Company Name) (Operator's)

Address: PO Box 4358 City: Houston

State: Texas Zip Code: 77210 Contact Phone: (281) 654 - 1936

Lease: Barnard Well #: 1 Sec. 32 Twp. 31 S. R. 35 East West
C - NE - NE - SW Spot Location / QQQQ County: Stevens

28102514 GPS LOC Feet (in exact footage) From North / South (from nearest outside section corner) Line of Section (Not Lease Line)

2970 2846 Feet (in exact footage) From East / West (from nearest outside section corner) Line of Section (Not Lease Line)

Check One: Oil Well Gas Well D&A Cathodic Water Supply Well
 SWD Docket # _____ ENHR Docket # _____ Other: _____

Conductor Casing Size: _____ Set at: _____ Cemented with: _____ Sacks

Surface Casing Size: 10 3/4" Set at: 542' Cemented with: 300 Sacks

Production Casing Size: 7" Set at: 2512' Cemented with: 850 Sacks

List (ALL) Perforations and Bridgeplug Sets: Perfs (slotted 5 1/2" liner) @ 2499' - 2815', Casing Leak @ unknown depth / Fill in wellbore/ 2 3/8" tubing cut @ 1500'

Elevation: 3030 (G.L. / K.B.) T.D.: 2815' PBTD: 2574' Anhydrite Depth: _____
(Stone Corral Formation)

Condition of Well: Good Poor Casing Leak Junk in Hole

Proposed Method of Plugging (attach a separate page if additional space is needed): Please see attached / In accordance with the rules and regulations of the KCC

Is Well Log attached to this application as required? Yes No Is ACO-1 filed? Yes No

If not explain why? Copy of log not available

Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission.

List Name of Company Representative authorized to be in charge of plugging operations: Richard Lewis

Phone: (651) 585 - 4580

Address: 200 W. 4th Street City / State: Hugoton, KS 67951

Plugging Contractor: Sargent & Horton KCC License #: 31151
(Company Name) (Contractor's)

Address: Rt. 1, Box 49BA, Tyrone, KS 73951 Phone: () -

Proposed Date and Hour of Plugging (if known?): As soon as rig is available 2-4-08

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Date: 2/8/08 Authorized Operator / Agent: Cellean Reda FEB 20 2008
(Signature)

** Well plugged - KCC-Dlg*

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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WICHITA, KS

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Dist 01

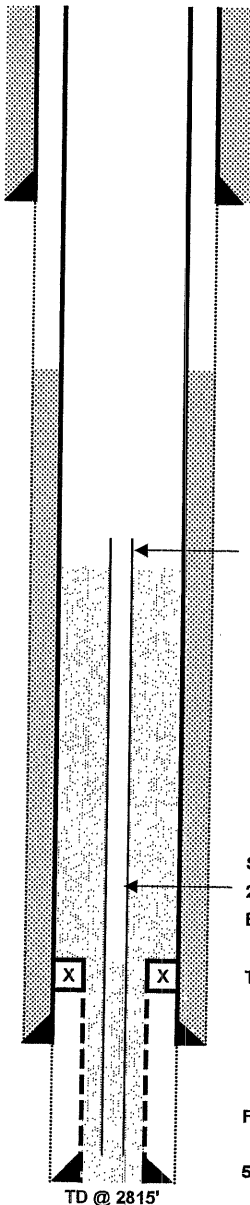
PRELIMINARY B&A SKETCH-PLUGS WILL CHANGE PER THE DIRECTIONS OF THE KCC DISTRICT REPRESENTATIVE

COMPANY: Exxon Mobil Corporation
 WELL NAME: Barnard
 WELL #: 1
 API#: 15-189-00186
 COUNTY: Stevens

| SURFACE CASING | | | |
|-------------------|---------|-------|---------------|
| OD | WT / FT | GRADE | SET AT |
| 10 3/4" | | | 542' |
| PRODUCTION CASING | | | |
| OD | WT / FT | GRADE | SET AT |
| 7" | | | 2512' |
| LINER | | | |
| OD | WT / FT | GRADE | SET AT |
| 5 1/2" | 15.5 | | 2498' - 2815' |
| TUBING | | | |
| OD | WT / FT | GRADE | SET AT |
| 2 3/8" | 4.7 | J-55 | 1500' - 2765' |

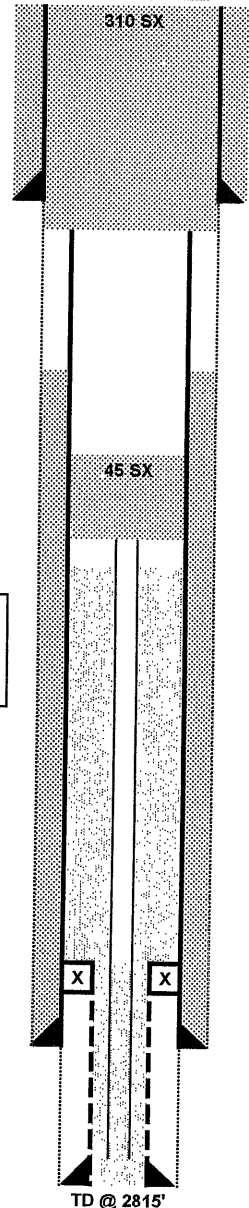
| CAPACITIES (BBL/FT) | |
|---------------------|---------|
| 2 3/8" TBG | 0.00387 |
| 5 1/2" CSG | 0.0238 |
| 2 3/8" x 5 1/2" | 0.0189 |
| 7" CSG | 0.0404 |
| 2 3/8" X 7" | 0.035 |
| 10 3/4" CSG | 0.1009 |
| 2 3/8"X10 3/4" | 0.0954 |

BEFORE



AFTER

**CUT & CAP WELL @ 5' BELOW GROUND LEVEL.
 PLUG # (2) 3' - 592'**



10 3/4" OD SURFACE CSG SET @ 542'

CUT 7" CSG @ 592'

CSG LEAK @ UNKNOWN DEPTH

CALC TOC @ 1100'

PLUG # (1) 1300' - 1500'

2 3/8" TUBING CUT @ 1500' (PER P&A PACKAGE NOTES)

****PLUGS WILL NEED TO BE SET ACROSS THE FOLLOWING FORMATIONS: CHEYENNE, DAKOTA, ARBUCKLE, ANY SALT ZONES, ANY FRESH WATER ZONES**

SN @ 2754'

2 3/8" TUBING SET @ 2765'

BMA @ 2765' (5/98 REPORT)

PLUG # (1) 2374' - 2574'

TOP OF 5 1/2" LINER @ 2499'

7" OD PRODUCTION CSG SET @ 2512'

FILL @ 2574'

5 1/2" SLOTTED LINER SET @ 2815'

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FEB 20 2008

CONSERVATION DIVISION
 WICHITA, KS

PROPOSED PLUGGING PROCEDURE FOR EXXON MOBIL CORPORATION

WELL: BARNARD # 1
FIELD: HUGOTON GAS AREA
COUNTY: STEVENS



THIS IS A CATEGORY ??? WORKOVER.

NOTE: WELL HAS A CASING LEAK @ UNKNOWN DEPTH AND FILL. ACCORDING TO THE P&A PACKAGE, THERE IS ALSO A TUBING FISH @ 1500'. THE KCC MAY REQUIRE AN ATTEMPT BE MADE TO RECOVER THIS FISH. THE KCC MAY REQUIRE THE CASING LEAK BE LOCATED & ISOLATED DURING P&A. ENSURE ALL APPROVALS ARE OBTAINED, INCLUDING THE KCC'S APPROVAL.

NOTE: PERFORM ALL WELL WORK OPERATIONS IN ACCORDANCE WITH THE HPO WORKOVER OPERATIONS MANUAL.

NOTE: USE CLASS 'H', 16.4 PPG, 1.06 YIELD CEMENT FOR ALL PLUGS.

NOTE: PUMP 9.5 PPG MUD LADEN FLUID BETWEEN CEMENT PLUGS.

NOTE: NOTIFY KCC DISTRICT OFFICE IN DODGE CITY, KS PRIOR TO COMMENCEMENT OF WORK & WITHIN SUFFICIENT TIME TO WITNESS PLUGGING OPERATIONS.

NOTE: ENSURE PLUGGING FORMS HAVE APPROPRIATE INFORMATION NEEDED TO FILE APPROPRIATE PAPERWORK W/ THE KCC TO CONCLUDE PLUGGING OPERATIONS.

Check pressures on all casing strings daily and document on morning reports. Discuss safe blow down/well kill procedures with Exxon Mobil Workover Supervisor.

1. INSPECT JOBSITE FOR POTENTIAL HAZARDS & LOCATION CHARACTERISTICS THAT MAY IMPACT THE PLANNED WELLWORK AND/OR REQUIRE MODIFICATION OF THE PROCEDURE. INITIATE MOC PROCESS IF NEEDED.
2. SET & TEST RIG ANCHORS AS NEEDED.
3. **PLUG WELL AS DIRECTED BY KCC DISTRICT REPRESENTATIVE.** A GENERAL PLAN IS AS FOLLOWS, BUT SHOULD BE REVISED TO ENSURE ALL FORMATIONS (INCLUDING THE CHEYENNE FORMATION, DAKOTA FORMATION, ARBUCKLE FORMATION, ANY SALT FORMATIONS & ANY FRESH & USABLE WATER ZONES) ARE ISOLATED AS PER THE SPECIFICATIONS OF THE KCC.
4. MIRU. LOAD WELL W/ FSW.
5. REMOVE TREE. INSTALL BOP'S (VERIFY BOP REQUIREMENTS) & TEST.
6. RIH W/ WORKSTRING TO 1500'. (TOP OF 2 3/8" TUBING CUT @ 1500'.)
7. CIRCULATE 9.5 PPG MUD.
8. SET 45 SX CEMENT PLUG FROM 1300' - 1500'.
9. POH W/ WORKSTRING TO 900'. REVERSE OUT.

10. WOC. PRESSURE TEST CASING TO 500 PSI. **NOTE: IF CASING DOES NOT TEST, LOCATE CASING LEAK(S) & NOTIFY KCC REPRESENTATIVE. FOLLOW INSTRUCTIONS OF THE KCC TO ISOLATE LEAK.**
11. POH W/ WORKSTRING.
12. NIPPLE UP ON 7" CASING. RU JACKS.
13. SET BOP'S W/ 7" PIPE RAMS & TEST.
14. RU WL UNIT W/ CLASS II LUBRICATOR & TEST. CUT 7" CASING @ 592'. RD WL UNIT.
15. CIRCULATE & CONDITION MUD.
16. RECOVER 7" CASING.
17. CHANGE BOP RAMS TO ACCOMADATE 2 3/8" TUBING.
18. RIH W/ 2 3/8" WORKSTRING TO 592'.
19. SET 310 SX CEMENT PLUG @ 3' - 592'.
20. POH W/ WORKSTRING.
21. REMOVE BOP'S.
22. CUT & CAP WELL 3' BELOW GROUND LEVEL.
23. RD/MO.

10/1/07

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