

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

NOV 1 1991

2. Name of Operator

Exxon Corp.

O. C. D.
ARTESIA OFFICE

3. Address and Telephone No.

P. O. Box 1600, Midland, Texas 79702

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

Sec. 13, T23S, R25E, 2310' FNL, 2240' FEL

5. Lease Designation and Serial No.

NM-0453201

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

South Carlsbad

8. Well Name and No.

Squaw Federal 2

9. API Well No.

10. Field and Pool, or Exploratory Area

Delaware Canyon

11. County or Parish, State

Eddy, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Plug and Abandonment Procedure Attached.

RECEIVED

FEB 27 1991

ACCOUNTING
BUREAU OF LAND MANAGEMENT

RESUBMITTED 10/25/91

14. I hereby certify that the foregoing is true and correct

Signed

Babette L. Taylor (915) 688-7556
Title Office Assistant

Date 2-26-91

(This space for Federal or State office use)

Judy Bagwell, Sr Staff Office Asst. 915/688-7546

Date 10/31/91

Approved by
Conditions of approval, if any:

Title

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special in-

structions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive

zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

Procedure by MAF

1. Notify BLM in Carlsbad, New Mexico, @ (505)-887-6544 at least 48 hours prior to commencing plugging operations.
2. MIRU WSU. Check tbg and all annuli for pressure. Bleed off all pressure. Ensure that well is dead.
3. Install BOP and test as per company guidelines.
4. PU 2-7/8" WS, as needed. RIH w/ 2-7/8" open ended tbg and tag TOC at +/- 4615' (CIBP @ 4650'). Test csg and plug to 500 psi.
5. Spot a balanced cmt plug as listed below :

Plug Set:

---- Depth ----			Tagged
Top'	Bottom'	Type Plug*	(yes/no)
<u>4362</u>	<u>4615</u>	<u>CEMENT</u>	<u>NO</u>

Cement:

Sqz Depth _____ (ft)
 Leak or Channel Depth _____ (ft)
 Volume of Cement 25 (sacks)
 Cement Class* APICLSC API CLASS C
 Avg Cementing Pressure _____ (psi)
 Avg Cementing Rate _____ (bpm)
 Service Company* _____
 temp pkr or Retainer Depth _____ (ft)
 Type of Job* P&A P&A

Additives:

Function*	amt	Brand name
<u>NONE</u> OTHER	_____	_____

6. POH to 4350'. Displace csg with +/- 105 bbl's 10# BW w/ 20# salt gel/bbl.
7. POH strapping and laying down tbg, standing back 3080' of tbg.
8. Spot a balanced cmt plug as listed below to cover the DV tool at 3020'.

Plug Set:

---- Depth ----			Tagged
Top'	Bottom'	Type Plug*	(yes/no)
<u>2827</u>	<u>3080</u>	<u>CEMENT</u>	<u>NO</u>

Procedure by MAF

Cement:

Sqz Depth _____ (ft)
 Leak or Channel Depth _____ (ft)
 Volume of Cement 25 (sacks)
 Cement Class* APICLSC API CLASS C
 Avg Cementing Pressure _____ (psi)
 Avg Cementing Rate _____ (bpm)
 Service Company* _____
 temp pkr or Retainer Depth _____ (ft)
 Type of Job* P&A P&A

Additives:

Function*	amt	Brand name
<u>NONE</u> OTHER	_____	_____

9. POH laying down tbq to 1375'.

10. Spot a balanced cmt plug, as listed below, to cover the 8-5/8" csg shoe.

Plug Set:

---- Depth ----			Tagged
Top'	Bottom'	Type Plug*	(yes/no)
<u>1122</u>	<u>1375</u>	<u>CEMENT</u>	<u>NO</u>

Cement:

Sqz Depth _____ (ft)
 Leak or Channel Depth _____ (ft)
 Volume of Cement 25 (sacks)
 Cement Class* APICLSC API CLASS C
 Avg Cementing Pressure _____ (psi)
 Avg Cementing Rate _____ (bpm)
 Service Company* _____
 temp pkr or Retainer Depth _____ (ft)
 Type of Job* P&A P&A

Additives:

Function*	amt	Brand name
<u>NONE</u> OTHER	_____	_____

11. POH laying down tbq to 100'.

12. Pump a cmt plug, as listed below, until good cmt returns are at surface.

Plug Set:

---- Depth ----			Tagged
Top'	Bottom'	Type Plug*	(yes/no)
<u>0</u>	<u>100</u>	<u>CEMENT</u>	<u>NO</u>

Procedure by MAF

Cement:

Sqz Depth _____ (ft)
 Leak or Channel Depth _____ (ft)
 Volume of Cement 10 (sacks)
 Cement Class* APICLSC API CLASS C
 Avg Cementing Pressure _____ (psi)
 Avg Cementing Rate _____ (bpm)
 Service Company* _____
 temp pkr or Retainer Depth _____ (ft)
 Type of Job* P&A _____ P&A

Additives:

Function*	amt	Brand name
<u>NONE</u> OTHER	_____	_____

13. POH and lay down tbg and top off 5-1/2" csg w/ cmt.

14. Remove BOP and wellheads (see Wellhead Removal Procedure on Division Workover Operations Manual).

15. PU 1" tbg and RIH down the 5-1/2" x 8-5/8" ann to 100'. Pump a cmt plug, as listed below, until good cmt returns are at surface.

Plug Set:

---- Depth ----		Type Plug*	Tagged (yes/no)
Top'	Bottom'		
<u>0</u>	<u>100</u>	<u>CEMENT</u>	<u>NO</u>
_____	_____	_____	_____

Cement:

Sqz Depth _____ (ft)
 Leak or Channel Depth _____ (ft)
 Volume of Cement 15 (sacks)
 Cement Class* APICLSC API CLASS C
 Avg Cementing Pressure _____ (psi)
 Avg Cementing Rate _____ (bpm)
 Service Company* _____
 temp pkr or Retainer Depth _____ (ft)
 Type of Job* P&A _____ P&A

Additives:

Function*	amt	Brand name
<u>NONE</u>	_____	_____
_____	_____	_____

16. Cut off csg and mark well w/ a steel marker at least 4" in diameter set in concrete and extending at least 4' above ground level.
Permanently inscribe on marker:

Exxon Corp
Squaw Federal #2
2310' FNL, 2240' FEL
Sec-13, T-23S, R-25E
Eddy Co., N.M.
Date Plugged

17. RDMO.

18. Clean location.

NOTES:

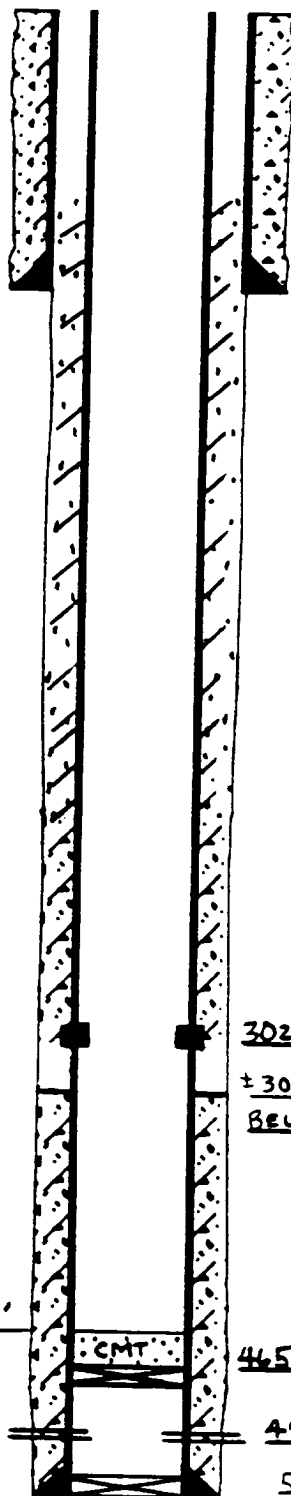
* A list of materials left on location, as well as tranfers for material removed from the location should be forwarded to Materials Management in Midland.

** Please use WAMO to track your daily charges for this job. The total cost to date should be placed on the Morning Report as usual. In the event a supplement is needed, please contact R. S. Bose at 688-6740 or M. A. Franko at 688-6228 in the Midland office and panafax a copy of your cost sheet to one of them.

BEFORE P&A: WELLPORE SKETCH AND WELL HISTORY

ELEV.: GL 3482", — ' ABOVE —

LEASE & WELL NAME: SQUAW FEDERAL #2
 FIELD: SOUTH CARLSBAD COUNTY: EDDY ST.: NA
 LOCATION: 2310' FNL, 2240' FEL, SEC-13, T-2:
R-25 E
 DATE: 1-4-1990 BY: M. FRANKO REV.: — BY: —



HOLE SIZE: 12 1/4"
 TOC: SURF

8 5/8" • 1325'
 CMT 1250 SX

HOLE SIZE: 7 7/8"
 TOC: 1050' T.S.

3020' - DV TOOL
± 3080' - TOL IN 5 1/2" x 7 7/8" OH
BELOW DV TOOL USING 100% EXCESS

TDC = 4615'

4650' - CIBP w/ 35' CMT ON TOP

4732' - 4774' (52 HOLES)

5 1/2" • 5172'
 CMT 1450 SX

CASING RECORD

SURFACE CASING

O.D.	WT/FT	GRADE	SET AT
8 5/8"	24*	K-55 STG	1325'

PRODUCTION CASING

5 1/2"	17*	K-55 LIG	5172'
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TUBING

NO. JTS.	O.D.	THD.	TYPE	WT.	GDE.	SET
145	2 7/8"					5449'

WELL HISTORY:

12/83 - 5/84 - DRILLED & COMPLETED.

PERFORMED THE DELEWARE
FROM 4732' - 4774' w/
52 SHOTS, ACIDIZED
FRAC'D. LAST TEST =
O-BOPD, 87-BWPD.

6/84 - SET CIBP @ 4650' w/ 35'
CMT ON TOP, RIM w/
145 JTS 2 7/8" TOL.
CIRC'D HOLE w/ 150 BBL'S
PNR FLUID.

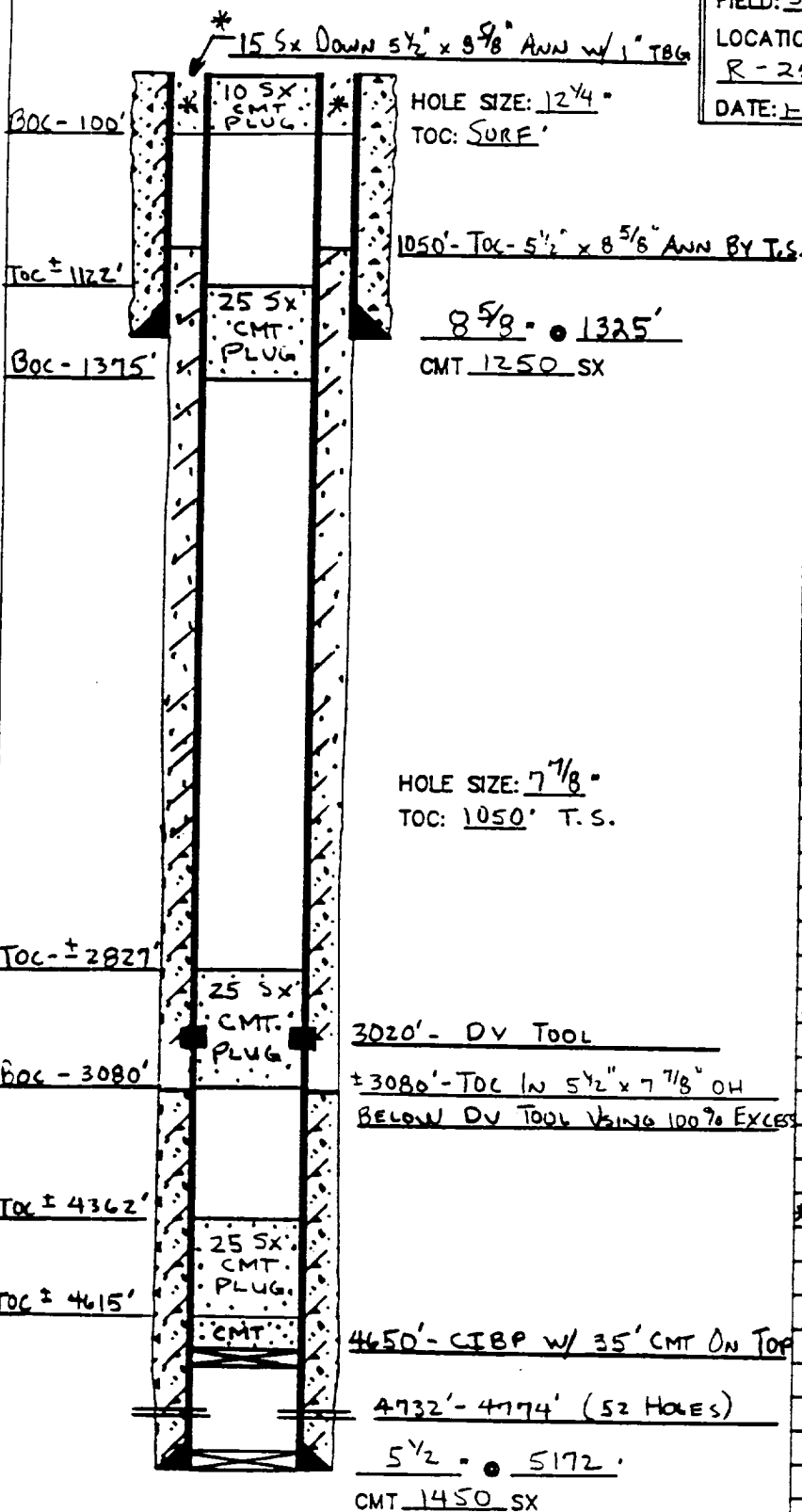
STATUS: PERMIT EXPIRED 9/3/87.
TOLD BLM WELL IS BEING
EVALUATED FOR UPHOLE
POTENTIAL OR SALE.

TD: 5173' PBD: 5090'

AFTER P&A WELLBORE SKETCH AND WELL HISTORY

ELEV.: GL 3482", — ' ABOVE —

LEASE & WELL NAME: SQUAW FEDERAL #2
 FIELD: SOUTH CARLSBAD COUNTY: EDDY ST.: NI
 LOCATION: 2310' ENL, 2240' FEL, SEC-13, T-2
R-25 E
 DATE: 1-4-1990 BY: M. FRANKO REV.: — BY: —



CASING RECORD

SURFACE CASING

O.D.	WT/FT	GRADE	SET AT
8 5/8"	24*	K-55 STE	1325'

PRODUCTION CASING

O.D.	WT/FT	GRADE	SET AT
5 1/2"	17*	K-55 STE	5172'

TUBING

NO. JTS.	O.D.	THD.	TYPE	WT.	GDE.	SET
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WELL HISTORY:

12/83 - 5/84 - DRILLED & COMPLETED.
 PERFORATED THE DELEWARE
 FROM 4732' - 4774' W/
 52 SHOTS. ACIDIZED!
 FRAC'D. LAST TEST =
 O-BOPD, 87. BWPD.
 6/84 - SET CIBP @ 4650' W/ 35'
 CMT ON TOP. RIL W/
 145 JTS 2 7/8" TBG.
 CIRC'D HOLE W/ 150 BBL'S
 PNR FLUID.
 *TA STATUS: PERMIT EXPIRED 9/3/87.
 BLM WAS TOLD WELL IS BEING
 EVALUATED FOR UPHOLE
 POTENTIAL OR SALE.

TD: 5173' PBD: 5090'