

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5208

Name: ExxonMobil Corporation

Address 1: P.O. Box 4358

Address 2: _____

City HOUSTON State TX Zip: 77210 + 4358

Contact Person: Gladys M. Olive

Phone (281) 654-1921

CONTRACTOR: License # NA

Name: Weatherford

Wellsite Geologist: NA

Purchaser: No change

Designate Type of Completion

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.)

If Workover/Reentry: Old Well Info as follows:

Operator: Mobil Oil Corporation

Well Name: Haworth #2 Ut.

Original Comp. Date: 11/14/1984 Original Total Depth: 6550

- Deepening Re-perf. Conv.to ENHR Conv.to SWD
- Conv.to GSW

Plug Back: 2790 Plug Back Total Depth

Commingled Permit # _____

Dual Completion Permit # _____

SWD Permit # _____

ENHR Permit # _____

GSW 7/29/11 Permit # _____

4/14/1984 4/27/1984 7/29/2011

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API NO. 15- 189-20711-00-02

Spot Description: _____

SW - NE - NE - NW Sec. 24 Twp. 34 S. R. 36 East West

368 4933.6 Feet from North / South Line of Section

2310 3006.7 Feet from East / West Line of Section

GPS-KCC

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Stevens

Lease Name: Haworth #2 Ut. Well #: 3

Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 3047 Kelley Bushing: 3063.5

Total Depth: 6550' Plug Back Total Depth: 2790

Amount of Surface Pipe Set and Cemented at: 1762' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: RECEIVED

Location of fluid disposal if hauled offsite: AUG 29 2011

Operator Name: KCC WICHITA

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit # _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Gladys M. Olive

Title Technical Assistant Date 8/25/2011

KCC Office Use ONLY

Letter of Confidentiality Attached
Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: wo Dg Date: 9/7/11

Operator Name ExxonMobil Corporation Lease Name Haworth #2 Ut. Well # 3

Sec. 24 Twp. 34 S.R. 36 East West County Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Run Submitted Electronically Yes No
(If no, Submit Copy)

List All E.Logs Run:
Cement Bond Log

Name	Formation (Top), Depth and Datums	
	Top	Datum
Chase	2620	3063.5 (KB)
Council Grove	3036	
T.D.	6550	

CASING RECORD New Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	9 5/8"	36#	1762	Class H	530	12% gel, 3% CaCl
					Class H	125	3% CaCl2
Production	8 3/4"	5 1/2"	15.5#	3300	Class H	580	12% gel, 3% CaCl

ADDITIONAL CEMENTING/SQUEEZE RECORD Class H 240 3% CaCl2

Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	2790-2800	Class H	1	Set CIBP & cap w/10' cmt. P&A perfs 2810-2876
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	Perf Chase-Krider 2750-2760, 2703-2713	Frac combined perfs overall with	
4 SPF	Perf Chase-Herington 2676-2680	80,200# 40/70 sd + 97471 gal water	

TUBING RECORD Size 2 3/8" Set At 2759 Packer At -- Liner Run Yes No

Date of First, Resumed Production, SWD or ENHR. 7/29/2011 Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
--		75	200	--	gas 0.7

DISPOSITION OF GAS:	METHOD OF COMPLETION	PRODUCTION INTERVAL
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	<u>2676-2760 OA</u>

Cementor: Fill in shaded areas.
Operator: Fill in other items.

Cementing Report
Rev. 4/1/83
483-045

1. Operator's Name (As shown on Form P-5, Organization Report) ExxonMobil Corporation		2. ---	3. RRC District No. ---	4. County of Well Site Stevens, Kansas	
5. Field Name (Wildcat or exactly as shown on RRC records) Hugoton			6. API No. 15-189-20711-00-01	7. Drilling Permit No. ---	
8. Lease Name Hawort #2 Ut.		9. Risk-SPEC No. ---	10. On-Lease/Cas. ID No. ---	11. Well No. 3	

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date							
13. •Drilled hole size							
•Est. % wash or hole enlargement							
14. Size of casing (In. O.D.)							
15. Top of liner (ft.)							
16. Setting depth (ft.)							
17. Number of centralizers used							
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶						
	Class ▶						
	Additives ▶						
2nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶						
	Height (ft.) ▶						
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?							
22. Remarks							

RECEIVED
AUG 29 2011
KCO WICHITA

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23. Cementing date	6/17/11							
24. Size of hole or pipe plugged (in.)	5 1/2"							
25. Depth to bottom of tubing or drill pipe (ft.)	C18P@	2800'						
26. Sacks of cement used (each plug)	1							
27. Slurry volume pumped (cu. ft.)	1.3							
28. Calculated top of plug (ft.)	2790							
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)	16.6							
31. Type cement	@ Class H							

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Thomas E Williams Wintina Weatherford [Signature]
 Name and title of cementer's representative: Supervisor Cementing Company

1401 E Pine Liberal Ks 67902 620-624-9326 6/17/11
 Address City State Zip Code Tel: Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Jens Stephen Wellwork Supervisor [Signature]
 Typed or printed name of operator's representative Title

200 W 4th Street Hugoton Ks 67951 620-544-5568 6/17/11
 Address City State Zip Code Tel: Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 6 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

D. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

