

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 - 129-20254-00-00 (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 8/4/1976

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 - 1923

Lease: Ralph Armstrong Unit Well #: 1 Sec. 16 Twp. 34 S. R. 39 ☐ East ☒ West

C - NW Spot Location / QQQQ County: Morton

1390 Feet (in exact footage) From ☒ North / ☒ South (from nearest outside section corner) Line of Section (Not Lease Line)

1390 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: 8 5/8" Set at: 595' Cemented with: 350 Sacks

Production Casing Size: 5 1/2" Set at: 3125' Cemented with: 425 Sacks

List (ALL) Perforations and Bridgeplug Sets: Casing leak @ 1495' / CIBP @ 1210' w/ 20' cmt on top / Well T&A'd 6/05

Please see attached for additional information

Elevation: 3341' (☒ G.L. / ☐ K.B.) T.D.: 3125' PBTD: 1190' 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

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

MAR 31 2008

If not explain why: Copy of log not available / Log tops attached

CONSERVATION DIVISION
WICHITA, KS

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: (620) 544 - 5527

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

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent
Date: 3/10/08 Authorized Operator / Agent: Celleen Reda
(Signature)

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

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

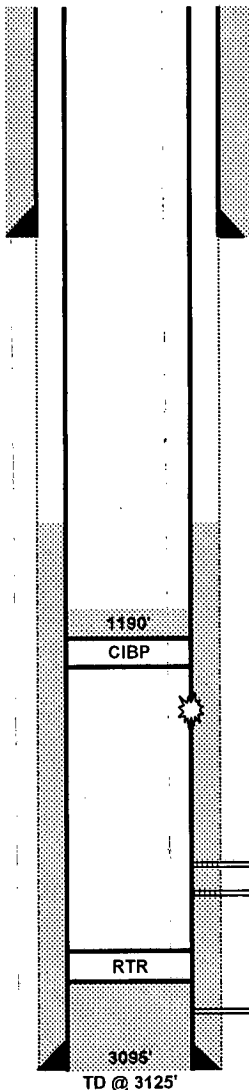
COMPANY: Exxon Mobil Corporation
WELL NAME: Ralph Armstrong
WELL #: 1
API#: 15-129-20254
COUNTY: Morton

WELL T&A'D 6/05

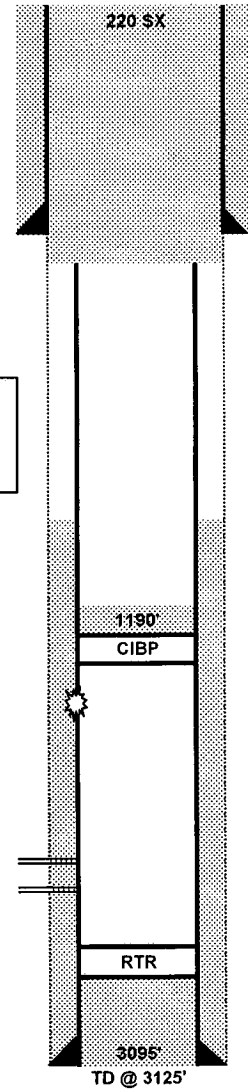
SURFACE CASING			
OD	WT / FT	GRADE	SET AT
8 5/8"			595'
PRODUCTION CASING			
OD	WT / FT	GRADE	SET AT
5 1/2"			3125'
TUBING			
OD	WT / FT	GRADE	SET AT
NONE			

CAPACITIES (BBL/FT)	
2 3/8" TBG	0.00387
5 1/2" CSG	0.0244
2 3/8" x 5 1/2"	0.0189
8 5/8" CSG	0.0636
2 3/8" x 8 5/8"	0.0582

BEFORE



AFTER



CUT & CAP WELL @ 3' BELOW GROUND LEVEL.
PLUG # (1) 3' - 645'

8 5/8" OD SURFACE CSG SET @ 595'

CUT 5 1/2" CSG @ 645'

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

CALC TOC @ 1045'

1190'

CIBP

CIBP @ 1210' W/ 20' CMT

CASING LEAK @ 1495'

2931' - 33', 2939' - 41', 2946' - 57'

2960' - 62', 2966' - 74'

RTR

CEMENT RETAINER @ 2983'

3001' - 3053' SQ'D W/ 350 SX

3095'

TD @ 3125'

5 1/2" OD PRODUCTION CSG SET @ 3125'

3095'

TD @ 3125'

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CONSERVATION DIVISION
WICHITA, KS

PROPOSED PLUGGING PROCEDURE FOR EXXON MOBIL CORPORATION

WELL: RALPH ARMSTRONG UNIT # 1
FIELD: PANOMA GAS AREA
COUNTY: MORTON



THIS IS A CATEGORY ??? WORKOVER.

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/ 2 3/8" WORKSTRING OPENENDED TO 1180'.
7. CIRCULATE 9.5 PPG MUD.
8. WOC. PRESSURE TEST 5 1/2" 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.**
9. POH W/ WORKSTRING.
10. NIPPLE UP ON 5 1/2" CASING. RU JACKS.
11. SET BOP'S W/ 5 1/2" PIPE RAMS & TEST.
12. RU WL UNIT W/ CLASS II LUBRICATOR & TEST.
13. CUT 5 1/2" CASING @ 645'. RD WL UNIT.
14. CIRCULATE & CONDITION MUD.
15. RECOVER 5 1/2" CASING.

TETRA Applied Technologies, L.P.
25025 Interstate 45 North, Suite 600
The Woodlands, Texas 77380
281.367.1983

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WICHITA, KS

16. CHANGE BOP RAMS TO ACCOMADATE WORKSTRING.
17. RIH W/ WORKSTRING TO 645'.
18. SET 220 SX CEMENT PLUG @ 3' – 645'.
19. POH W/ WORKSTRING.
20. REMOVE BOP'S.
21. CUT & CAP WELL 3' BELOW GROUND LEVEL.
22. RD/MO.

3/07/08

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CONSERVATION DIVISION
WICHITA, KS

KANSAS DRILLERS LOG -REV. D TO INDICATE INITIAL PRODUCTION

API No. 15 — 129 — 20,254
County Number

Operator Mobil Oil Corporation

Address P. O. Box 1934, Oklahoma City, Oklahoma

Well No. 1 Lease Name Ralph Armstrong Unit

Footage Location
1390 feet from (N) line 1390 feet from (W) line

Principal Contractor Damac Drilling Company Geologist W. G. Werner

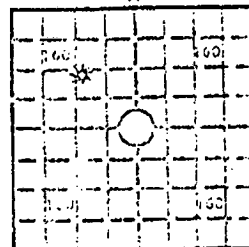
Spud Date June 28, 1976 Total Depth 3125' P.B.T.D. 2983'

Date Completed August 4, 1976 Gas Purchaser NORTHERN NATURAL GAS COMPANY

S. 16 T. 34 R. 39 X W

Loc. Approx. C NW/4

County Morton

640 Acres
N

Elev.: Gr. 3341'

DF KB 3349'

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface Casing	12 1/4"	8-5/8"		595'	Class H	200	12% Gel, 3% CaCl2
					Class H	150	3% CaCl2
Prod. Casing	7-7/8"	5 1/2"		3125'	Howco Lite Water Class	275	18% Salt
						150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	SDJ	3001-14', 3027-34'
					3051-53', 2968-74'
					2960-62', 2938-51'
					2939-41', 2931-33'

TUBING RECORD

Size	Setting depth	Packer set at
1 1/2"	2961'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
650 gallons 15% HCL (3001-14'); 350 gallons 15% HCL (3027-34'); 100 gallons 15% HCL (3051-53'); 100 sacks class H + 12% Gel, 12% Cal Seal, 2% CaCl2, 250 sacks Class H Reg. Squeezed (3001-3053'); 500 gallons 15% HCL, 2960-74'; 450 gallons 15% HCL (2931-51'); 76,000 gallons fresh water + 140,000# 20/40 sand (2933-74').	

INITIAL PRODUCTION

Will be reported on a revised copy of this report as soon as available.

Date of first production
September 16, 1976

Producing method (flowing, pumping, gas lift, etc.)

Flowing

RATE OF PRODUCTION
PER 24 HOURS

Oil

Gas 1 Pt. Test

Water

Gas-oil ratio

bbls.

1.4 M MCF

bbls.

CFPS

Disposition of gas (vented, used on lease or sold)

Sold

Producing interval (ft.)

2931' - 2974' Council Grove

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian I.P.O. Box 170271, Wichita, Kansas 66217. Phone AC 316-522-2200. If a copy is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

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Operator	Mobil Oil Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No.	1	Lease Name	Ralph Armstrong Unit
S 16 T 34 R 39 X		Gas	

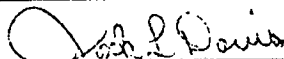
WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface clay & sand	0	505	Cimarron	1737
Clay & red bed	505	595	Chase	2560
Red bed	595	1773	Council Grove	2916
Anhydrite, lime & shale	1773	2089		
Lime & shale	2089	3125		
RTD		3125		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	 Jack L. Davis Acting Production Accounting Supervisor August 9, 1976 RECEIVED KANSAS CORPORATION COMMISSION
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KANSAS

CORPORATION COMMISSION

Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

NOTICE OF RECEIPT OF WELL PLUGGING APPLICATION (CP-1)

EXXONMOBIL OIL CORP
14950 HEATHROW FORREST PKWY
PO BOX 4358
HOUSTON, TX 77210-4358

April 30, 2008

Re: RALPH ARMSTRONG UNIT TWIN #1
API 15-129-20254-00-00
16-34S-39W, 1390 FNL 1390 FWL
MORTON COUNTY, KANSAS

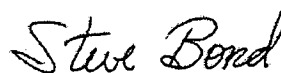
Dear Operator:

This letter is to notify you that the Conservation Division has received your plugging proposal, form CP-1, for the above well and has reviewed the proposal for completeness. The central office will now forward your CP-1 to the district office listed below for review of the proposed plugging method. **Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113(b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit in accordance with K.A.R. 82-3-600.**

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well. This notice in no way constitutes authorization to plug the above well by persons not having legal rights of ownership or interest in the well.

This notice is void after October 27, 2008. The CP-1 filing does not bring the above well into compliance with K.A.R. 82-3-111 with regard to the Commission's temporary abandonment requirements.

Sincerely,



Steve Bond
Production Department Supervisor

District: #1
210 E Frontview, Suite A
Dodge City, KS 67801
(620) 225-8888