

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 189-21829-00-00  
County Stevens  
- SE - NW - NW Sec. 11 Twp. 34S Rge. 37 X W

**ORIGINAL**

Operator: License # 5208

Name: Mobil Oil Corporation

Address P.O. Box 2173

2319 North Kansas Avenue

City/State/Zip Liberal, KS 67905-2173

Purchaser: Spot Market

Operator Contact Person: Sharon Cook

Phone (316) 626-1142

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: L. J. Reimer

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

12-8-94 12-12-94 1-6-95  
Spud Date Date Reached TD Completion Date

1250 Feet from S(N) (circle one) Line of Section  
1250 Feet from E(W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, (NW) or SW (circle one)

Lease Name Kimzey #1 Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3116 KB 3127

Total Depth 2971 PBTB 2916

Amount of Surface Pipe Set and Cemented at 1483 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to NA w/ NA sx cmt.

Drilling Fluid Management Plan ALT 1 9/4 9-15-95  
(Data must be collected from the Reserve Pit)

Chloride content 12,500 ppm Fluid volume 759 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Mobil Oil Corporation

Lease Name C. W. Creamer #1 SWD License No. 5208

NE Quarter Sec. 23 Twp. 34 S Rng. 37 (E/W)

County Stevens Docket No. D-19,411

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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.

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 Sharon A. Cook Sharon A. Cook

Title Regulatory Assistant Date 2-20-95

Subscribed and sworn to before me this 20<sup>th</sup> day of February, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

**RECEIVED**  
KANSAS CORPORATION COMMISSION

5-53.kcc

NOTARY PUBLIC - State of Kansas  
**KATHLEEN R. POULTON**  
My Appt. Exp. 08-18-98

FEB 22 1995

Form ACO-1 (7-91)

CONSERVATION DIVISION  
WICHITA, KS

Operator Name Mobil Oil Corporation Lease Name Kimzey #1 Unit Well # 34  
JANTON  East County Stevens  
 Sec. 11 Twp. 34S Rge. 37  West

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. Attach extra sheet if more space is needed. Attach copy of log.

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  
 (Submit Copy.)

List All E.Logs Run:

Dual Induction Focused Log - Gamma Ray Caliper  
 Z-Densilog Compensated Neutron Spectralog

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Glorietta	--	--	
Stone Corral	1700	1770	
Chase	2646	--	
Council Grove	--	--	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 Casing	12.250	8.625	24#	1483	Class C Class C	450 sx 225 sx	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2961	Class C Class C	300 sx 150 sx	3% D79 2% B28

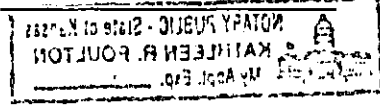
ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
* See attached Well History			

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj. 1-5-95	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
		478					

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2738--  
 (If vented, submit ACO-18.)  Other (Specify) 2852



Well Data - Well History Report

Lease: KIMZEY #1 UNIT WELL #3 Well #: 3 Well ID: 0052981  
 API #: 15-189-21829-00 State: KS County: STEVENS  
 Ppty ID: 1992700 OCSG #:

Spud Date: 12/08/1994 Water Depth: 0 KB Height: 11  
 Spud Time: 16:00 Original Ref Point: KB BH Height: 0  
 DF Height:

ORIGINAL

Drilling Job Start/End: 12/08/94 @ 16:00 to 12/12/94 @ 06:15  
 Completion Job Start/End: 12/20/94 @ 07:00 to 01/06/95 @ 08:30

DATE	ACTIVITY	OD	TD	Diam(@TD)	Top/Bot
12/09/94	CASING	8.625	24.00#	J55	0/1483
12/11/94	CASING	5.500	14.00#	J55	0/2961

WELLBORE SUMMARY

API WB#	Creation Date	Top	TD	Diam(@TD)	Plug Back Date	Depths PBTD
00	12/08/94	0	2971		12/12/94	2971
00	12/08/94	0	2971		01/06/95	2916

CASING SUMMARY

Date RUN	String	OD	ID	Grade	Wt/FT	Connection	Top/Bot
12/09/94		8.625	8.097	J55	24.00	STC	0/1483
12/11/94		5.500	5.012	J55	14.00	STC	0/2961

PERFORATION SUMMARY

Perf Date	Top Perf	Btm Perf	Zone Name	Phase Hole SPF	Hole Size (deg)	J/B	Sqzd
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PERFORATION TIME CODE ACTIVITY

DATE	HOURS	CODE	ACTIVITY
1994-12-20	5.00	636	RU LOGGING UNIT, R/GR & CCL PERF. TOWARD A 2832-52 (1SPF), GAGE 2808-18 (1SPF), W INFIELD 2776-96 (2SPF), L. KRIDER 2718-2

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CONSERVATION DIVISION  
 WICHITA, KS

Well Data - Well History Report

ORIGINAL

8 (1SPF), 2738-48 (2SPF)

=====
WELL TREATMENT TIME CODE ACTIVITY
=====

Table with 4 columns: DATE, HOURS, CODE, ACTIVITY. Contains two entries for 1994-12-20 with codes 657 and 655, detailing well treatment activities.

Report Generated on: 02/17/95 @ 14:35 End of Report...

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CONSERVATION DIVISION
WICHITA, KS

**CEMENTING SERVICE REPORT**

**Schlumberger**  
Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER: 27-12-6805  
DATE: 12-9-94  
STAGE: 1 DS: 03 DISTRICT: 12

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO. **Kimzey 1-3**  
FIELD: POOL **521**  
LOCATION (LEGAL) **SEL**  
FORMATION **FORMATION**  
COUNTY/PARISH **Stanton** STATE **KS** API. NO. **API. NO.**  
**STEPENS**

RIG NAME: #14 **cbcy**  
WELL DATA: **BIT SIZE 7 7/8** CSG/Liner Size **8 1/2** BOTTOM TOP  
TOTAL DEPTH **24** WEIGHT **1482**  
 ROT  CABLE FOOTAGE **1482**  
MUD TYPE **U5510** GRADE **U5510**  
 BHST  BHCT THREAD **840**  
MUD DENSITY **1439** LESS FOOTAGE SHOE JOINT(S) **1439** TOTAL  
MUD VISC. **915** Disp. Capacity **915**

NAME **MOBIL OIL CORP**  
AND **ORIGINAL**  
ADDRESS **ADDRESS**  
ZIP CODE **ZIP CODE**

Float	TYPE	<b>OUTER FILL FLG</b>	Slags Tool	TYPE	
	DEPTH	<b>1438.52</b>		DEPTH	
SHOE	TYPE	<b>CMT 1250</b>		TYPE	
	DEPTH	<b>1484.64</b>		DEPTH	

SPECIAL INSTRUCTIONS  
**Surface cement, 95% surface pipe**  
**as per customer's order**

Head & Plugs  TBG  D.P. SQUEEZE JOB  
 Double  WEIGHT TOOL TYPE DEPTH  
 Single  GRADE TAIL PIPE: SIZE DEPTH  
 Swage  THREAD TUBING VOLUME Bbls  
 Knockoff  NEW  USED CASING VOL. BELOW TOOL Bbls  
TOP  OR  DW DEPTH TOTAL Bbls  
BOT  OR  DW DEPTH ANNUAL VOLUME Bbls

IS CASING/TUBING SECURED?  YES  NO  
LIFT PRESSURE **609** PSI CASING WEIGHT + SURFACE AREA (9.14 x R)  
PRESSURE LIMIT **2020** PSI BUMP PLUG TO PSI  
ROTATE RPM RECIPROCATATE FT No. of Centralizers

JOB SCHEDULED FOR TIME: **0600** DATE: **12-9-94** ARRIVE ON LOCATION TIME: **06:30** DATE: **12-9-94** LEFT LOCATION TIME: DATE:

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400											
								SERVICE LOG DETAIL			
								PRE-JOB SAFETY MEETING			
11:15						mud		start rig circulation			
12:55						mud		start rig bump rate switch over			
13:05		2020				H2O	8.3	Rings fast line 2020			
13:07		140	25		6	H2O	8.3	start pumping H2O			
13:12		190	176		6	CMT	12.2	start lead cement			
13:22		180		59	6	CMT	12.2	PST check			
13:32		180		118	6	CMT	12.2	PST check			
13:40		220		182	6	CMT	12.2	CMT LEAD			
13:43		220	48		5.8	CMT	14.8	START TAIL			
13:51		30	4	49	6	CMT	14.8	CMT TAIL			
13:52				91.5				MUD PLUG START TO S.P. FEB 22 1995			
13:56		160		15	6.5	H2O	8.3	PST check			
14:00		220		40	6.5	H2O	8.3	PST check			
14:06		400		84	7	H2O	8.3	100% RING RATE			
14:11		950			7	H2O	8.3	Bump Plug			
14:13								Release Opac Check Float			

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FEB 22 1995  
CONSERVATION DIVISION  
WICHITA, KS

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	450	2.2	580	0.2	+ (6% 0-20 + 5% 0-44 (Blue)) + 1/2 # 0-29	182	12.2	
2.								
3.	225	1.2	570	0.75	+ 2% 5-1 + 1/2 # 0-29	48	14.9	
4.								
5.								
6.								

BREAKDOWN FLUID TYPE  HESITATION SQ.  RUNNING-SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO **66** Bbls.  
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **91.5** Bbls TYPE OF WELL  OIL  STORAGE  BRINE WATER  WILDCAT **1685X**  
Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE  
PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **Volcan Youngblood** DS SUPERVISOR **Ray Pearson**

**CEMENTING SERVICE REPORT**

**Schlumberger**  
Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER: 13-12-6710  
DATE: 12-12-94  
STAGE: DS DISTRICT: 1114CCCG, Kc

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO.: Kimzey 1-3  
LOCATION (LEGAL): Sec. 11-345-37w  
FORMATION: KS.

RIG NAME: Hayman #4  
WELL DATA: BIT SIZE 7 7/8 CSG/Liner Size 5 1/2  
TOTAL DEPTH 71 WEIGHT 14  
 ROT  CABLE FOOTAGE 2960  
MUD TYPE: GRADE ESS  
 BHST  BHCT THREAD 8pd  
MUD DENSITY: LESS FOOTAGE SHOE JOINTS 44 TOTAL  
MUD VISC.: Disp. Capacity 71'

COUNTY/PARISH: STEPHENS STATE: KS. API. NO.:

NAME: Mobil Oil Corp  
AND:

ADDRESS: **RECEIVED**  
**KANSAS CORPORATION COMMISSION**

SPECIAL INSTRUCTIONS: **FEB 22 1995**

CONSERVATION DIVISION  
WICHITA, KS

IS CASING/TUBING SECURED?  YES  NO  
LIFT PRESSURE: 1746 PSI CASING WEIGHT + SURFACE AREA (3.14 x R<sup>2</sup>)  
PRESSURE LIMIT: PSI BUMP PLUG TO: 1500 PSI  
ROTATE: RPM RECIPROCATATE FT No. of Centralizers

NOTE: Include Footage From Ground Level To Head In Disp. Capacity  
Float: TYPE 7110000 Float valve DEPTH 2917  
Shoe: TYPE cm + NOCP DEPTH 2960  
Head & Plugs:  TBG  D.P. SQUEEZE JOB  
 Double  Single  Swage  Knockoff  
SIZE WEIGHT GRADE THREAD  
TAIL PIPE: SIZE DEPTH  
TUBING VOLUME CASING VOL. BELOW TOOL TOTAL ANNUAL VOLUME  
Bbls Bbls Bbls Bbls

JOB SCHEDULED FOR TIME: 4:00 DATE: 12-11-94 ARRIVE ON LOCATION TIME: 4:00 DATE: 12-11-94 LEFT LOCATION TIME: 0330 DATE: 12-12-94

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM.				
0001 to 2400								
0119								PRE-JOB SAFETY MEETING Test
0122		0	25		5.8	H10		start H20 ahead
0127		360	146		5.8	cm	11.5	start lead cm
0138		200		69	5.8	cm	11.5	psi check
0151		270	37		5.7	cm	14.8	start tail cm
0155		350	25		5.7	cm	14.8	psi check
0158		0						shutdown wash pump lines drag top plug
0201		0	71'			H20		start displacement
0205		210	20		6	H20		psi check
0208		380	40		6			" "
0210		610	50		5.8			" "
0212		830	60		5.7			" "
0212		890	63		7			lower rate cm to surface
0214		790	66		7			psi check
0215		810	69		7			" "
0217		1500	71		2			bump top plug
0218								head psi of check float + holding

**ORIGINAL**

REMARKS: mid job

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
						BBLs	DENSITY
1.	300	2.75	class C + 3% D-79 + .2% D46 + 1/4" D29			146.9	11.5
2.							
3.	150	1.37	class C + 2% B28 + 2% arach + .6% D60 + .2% D46			36.5	14.8
4.							
5.							
6.							

BREAKDOWN FLUID TYPE:  HESITATION SQ.  RUNNING SQ. CIRCULATION LOST:  YES  NO Cement Circulated To Surf.  YES  NO  
BREAKDOWN: PSI FINAL PSI DISPLACEMENT VOL. 71' Bbls  
Washed Thru Perfs:  YES  NO TO FT. MEASURED DISPLACEMENT:  WIRELINE  
PERFORATIONS: TO TO CUSTOMER REPRESENTATIVE: Volan Youngblood DS SUPERVISOR: James Equival