

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

API No. 15- 189-21852-00-00 ORIGINAL
County Stevens
NE - SW - SW Sec. 26 Twp. 34S Rge. 38 X W.

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.

12-02-94 12-05-94 1-04-95
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 A. Burrow Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3183 KB 3194

Total Depth 2977 PBTB 2921

Amount of Surface Pipe Set and Cemented at 720 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 1 076 9-18-95
(Data must be collected from the Reserve Pit)

Chloride content 3000 ppm Fluid volume 405 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled offsite:
280 bbls hauled to Hill #3 SWD
125 bbls hauled to C. W. Creamer #1 SWD
Operator Name Mobil Oil Corporation
Hill #3 SWD

Lease Name C. W. Creamer #1 SWD License No. 5208
SW 3 33 37
NE Stevens Quarter Sec. 23 Twp. 34 S Rng. 37 E/W
CD-117710
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 20th day of February, 1995.
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)



Operator Name **MOBIL OIL CORPORATION** Lease Name A. Burrow Unit Well # 3
 Sec. 26 Twp. 34S Rge. 38 East County Stevens
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glorietta	1210	1400
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stone Corral	1680	1765
List All E.Logs Run:		Chase	2623	--
Dual Induction-SFL with Linear Correlation Log		Council Grove	--	--
Simultaneous Compensated Neutron-Litho-Density				

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#	720	Class C Class C	200 sx 175 sx	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2967	Class C Class C	275 sx 200 sx	3% D79 2% B2B

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				

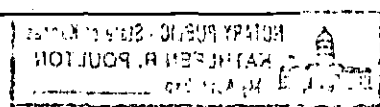
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	*See attached Well History		

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
			265			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: 2625
2880



Well Data - Well History Report

Lease: A. BURROWS UNIT WELL #3 Well #: 3 Well ID: 0053025
API #: 15-189-21852-00 State: KS County: STEVENS
Ppty ID: 2006700 OCSG #:

Spud Date: 12/02/1994 Water Depth: 0 KB Height: 10
Spud Time: 15:00 Original Ref Point: KB BH Height: 0
DF Height:

ORIGINAL

Drilling Job Start/End: 12/02/94 @ 15:00 to 12/05/94 @ 20:30
Completion Job Start/End: 12/12/94 @ 08:00 to 01/04/95 @ 12:00

Table with columns DATE and ACTIVITY. Rows include 12/02/94 CASING OD: 8.625, 24.00# US50, Top/Bot: 0/720 and 12/05/94 CASING OD: 5.500, 14.00# US50, Top/Bot: 0/2967.

WELLBORE SUMMARY

Table with columns API WB#, Creation Date, Top, TD, Diam(@TD), Plug Back Date, and Depths PBTD. Rows show data for API 00 on 12/02/94.

CASING SUMMARY

Table with columns Date RUN, String, OD, ID, Grade, Wt/FT, Connection, and Top/Bot. Rows show casing data for 12/02/94 and 12/05/94.

PERFORATION SUMMARY

Table with columns Perf Date, Top Perf, Btm Perf, Zone Name, Phase Hole SPF, and Hole Size J/B Sqzd.

PERFORATION TIME CODE ACTIVITY

Table with columns DATE, HOURS, CODE, and ACTIVITY. Row shows activity for 1994-12-12 at 2.50 hours, code 636, involving perforating with 4" CSG guns.

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 22 1995
CONSERVATION DIVISION
WICHITA, KS

Well Data - Well History Report

ORIGINAL

1994-12-19 4.00 636 RU WIRELINE UNIT, RBPSA 2790' PERF. WINFIELD 2750-70(2SPF) L. KRIDER 2680-90 (1SPF), 2695-2725 (1SPF), U. KRIDER 2652-68 (1SPF), HERINGTON 2625-35 (2SPF)

WELL TREATMENT TIME CODE ACTIVITY

Table with columns: DATE, HOURS, CODE, ACTIVITY. Contains four rows of well treatment data including acidizing and fracturing activities.

Report Generated on: 02/17/95 @ 15:14 End of Report...

RECEIVED KANSAS CORPORATION COMMISSION FEB 22 1995 CONSERVATION DIVISION WICHITA, KS

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

03 12 1689

DATE 12-2-94

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

PAGE

DS

DISTRICT

WY 4565 KS.

WELL NAME AND NO. **Burrow A-3**
 LOCATION (LEGAL) **SEC. 26-34S-38W**
 FIELD POOL **HUGOTON**
 FORMATION **SURFACE**
 COUNTY/PARISH _____ STATE **KANSAS** API. NO. _____
 NAME **Mobil Oil**
 AND **FEB 22 1995**
 ADDRESS _____
 CONSERVATION DIVISION
 ZIP CODE **WICHITA, KS**

RIG NAME: _____
 WELL DATA: **11** BOTTOM TOP
 BIT SIZE **12 1/4** CSG/Liner Size **8 5/8"**
 TOTAL DEPTH **730** WEIGHT **24#**
 ROT CABLE FOOTAGE **719.99**
 MUD TYPE **WB** GRADE _____
 BHST BHCT **87°F** THREAD **8id**
 MUD DENSITY **9** LESS FOOTAGE SHOE JOINT(S) **44.50** TOTAL **675.49**
 MUD VISC. _____ Disp. Capacity **675.49**
 NOTE: Include Footage From Ground Level To Hoop In Disp. Capacity.

SPECIAL INSTRUCTIONS
SAFETY CEMENT 700 FT. OF 8 5/8" CASING WITH 200 SXS OF LEAD AND 170 SXS OF TAIL CEMENT AS DIRECTED BY CUSTOMER
 IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE **CSG 259** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **2000** PSI BUMP PLUG TO **500+AP** PSI
 ROTATE **1** RPM RECIPROCATE **0** FT No. of Centralizers **5**

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

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: ASAP	DATE: 12-2-94	TIME: 19:30	DATE: 12-2-94	TIME: 23:10	DATE: 12-2-94	
0001 to 2400											
21:30											PRE-JOB SAFETY MEETING
21:53											START JOB
21:53		1000									PRESSURE TEST LINES. TEST OK
21:55		10	25	-	6	H ₂ O	8.33				START WATER AHEAD. BLEED CIRCULATION
22:00		170	78	25	10	CMT	12.2				START LEAD SLURRY
22:12		70	37	103	4-6	CMT	14.8				START TAIL SLURRY
22:19		90		140							SHUTDOWN: DROP TOP PLUG
22:21		20	43	140	6	H ₂ O	8.33				START DISPLACEMENT
22:29		290		179							LOWER PUMP RATE
22:31		660		183							BUMP TOP PLUG
											Bleed off PUGS & CHECK FLOAT

ORIGINAL

REMARKS **AP PRIOR TO Bumping Plug ± 240 PSI**
PER COMPANY MAN DO NOT SHUTDOWN PUMP & BATCH UP SLURRY TUB

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED BBLs		DENSITY
			1	2	3	4	BBLs	DENSITY	
1.	200	2.2	50/50	C/POZ + 6.1% D20 + 5% D44 (BLOW) + 1/4 pps D29			78.36	12.2	
2.	175	1.2	50/50	C/POZ + 0.75% D20 + 2.1% SL + 1/4 pps D29			37.40	14.8	
3.									
4.									
5.									
6.									

BREAKDOWN FLUID TYPE **N/A** VOLUME **N/A** DENSITY **N/A** PRESSURE **660** MAX. **18 SXS** MIN. _____
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO _____ Bbls.
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **43** Bbls TYPE OF WELL OIL GAS STORAGE BRINE WATER WILDCAT
 Washed Thru Perfs YES NO TO _____ FT. MEASURED DISPLACEMENT WIRELINE _____
 PERFORATIONS _____ CUSTOMER REPRESENTATIVE **MR. JOE DAVIS** DS SUPERVISOR **MR. DAVID R. SARVER**

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER 03-12-66 95	DATE 12-5-95
STAGE 1	DS 03
DISTRICT 12	

WELL NAME AND NO. GULLOW A-3	LOCATION (LEGAL) SEL, 26-345-38W
FIELD-POOL HUGOTON	FORMATION
COUNTY/PARISH STEVENS	STATE KS
API. NO.	

RIG NAME: Cheyenne #4			
WELL DATA:		BOTTOM	TOP
BIT SIZE 12 1/4	CSG/Liner Size	5 1/2	
TOTAL DEPTH	WEIGHT	14"	
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	2967	
MUD TYPE	GRADE	USSP	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	8A	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	2932	TOTAL
MUD VISC.	Disp. Capacity	71.3	

NAME MOBIL OIL CORP.

AND

ADDRESS

ZIP CODE

Float	TYPE	API TOP HOLE	TYPE	
	DEPTH	2922.7	DEPTH	
Shoe	TYPE	CAT NOSE	TYPE	
	DEPTH	2967	DEPTH	

SPECIAL INSTRUCTIONS

Display cmt, 5% lossstring as follows as per customers request.

Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double <input checked="" type="checkbox"/> Single	SIZE	TOOL	TYPE
<input type="checkbox"/> Swage	<input type="checkbox"/> WEIGHT	DEPTH	
<input type="checkbox"/> Knockoff	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE	DEPTH
<input type="checkbox"/> NEW <input type="checkbox"/> USED	THREAD	TUBING VOLUME	Bbls
<input type="checkbox"/> BOT <input type="checkbox"/> TOP	DEPTH	CASING VOL. BELOW TOOL	Bbls
		TOTAL	Bbls
		ANNUAL VOLUME	Bbls

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 1750 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 2500 PSI BUMP PLUG TO 1250 PSI

ROTATE RPM RECIPROCATATE FT No. of Centralizers

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE
0001 to 2400											
15:00											
15:18	2400						H ₂ O	8.33			
15:22		300	25	25	5.8		H ₂ O	8.33			
15:26		380	135	160	5.8		CMT	11.5			
15:51		190	49	209	5.8		CMT	11.8			
16:04		0	71	71	5.8		H ₂ O	8.33			
16:15		920	62		5.8		H ₂ O	8.33			
16:21		1250					H ₂ O	8.33			

ORIGINAL

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KANSAS CORPORATION COMMISSION

FEB 22 1995

CONSERVATION DIVISION
WICHITA, KS

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK.	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			1	2	3	4	BBLs	DENSITY
1.	275	2.77	C + 3% D-79 + 0.2% D-46 + 1/4 SK D-24				14.5	14.5
2.								
3.	200	1.37	C + 2% B-28 + 2% S-1 + 0.6% D-60 + 0.2% D-46				48.5	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	2500 MAX.	MIN:	38 Sks
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	19 Bbls
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	71 Bbls	
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE	
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR		
			Joe Davis	RA Korman		