

ORIGINAL

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

API NO. 15- 189-219500000

County Stevens

SE - NW - NW Sec. 4 Twp. 33S Rge. 37 X E

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 Webber #2 Unit Well # 4

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3130 KB 3139

Total Depth 2994 PBTD 2945

Amount of Surface Pipe Set and Cemented at 664 Feet

Multiple Stage Cementing Collar Used? Yes X 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 9/7 5-7-96  
(Data must be collected from the Reserve Pit)

Chloride content 8,300 ppm Fluid volume 260 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled offsite:

Operator Name Mobil Oil Corporation

Lease Name Hill #3 SWDW License No. 5208

SW Quarter Sec. 3 Twp. 33 S Rng. 37 E/W

County Stevens Docket No. CD-117710

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: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: L. J. Reimer

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

X 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 \_\_\_\_\_ PBTD

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

9-12-95 9-16-95 10-7-95

Spud Date Date Reached TD Completion Date

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.

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 12-27-95

Subscribed and sworn to before me this 27th day of December, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998  
5-256.kcc

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)

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

Operator Name Mobil Oil Corporation Lease Name Webber #2 Unit Well # 4  
 Sec. 4 Twp. 33S Rge. 37  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 <table border="1"> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> <tr> <td>Glorietta</td> <td>1220</td> <td>1415</td> </tr> <tr> <td>Stone Corral</td> <td>1690</td> <td>1760</td> </tr> <tr> <td>Chase</td> <td>2550</td> <td>2890</td> </tr> <tr> <td>Council Grove</td> <td>2890</td> <td>--</td> </tr> </table>	Name	Top	Datum	Glorietta	1220	1415	Stone Corral	1690	1760	Chase	2550	2890	Council Grove	2890	--
Name	Top		Datum														
Glorietta	1220		1415														
Stone Corral	1690		1760														
Chase	2550		2890														
Council Grove	2890	--															
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																
List All E.Logs Run:																	

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

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#	664	Class C Class C	200 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2987	Class C Class C	381 150	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	
	1 SPF	2554-60	2730-55	Acid: 1,000 gals 7.5% HCL
	2583-93	2780-2800	Fracd: 819 bbls 20# Crosslink gel	
	2623-43		146,160 lbs 12/20 Brady Sand	
	2672-87			

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. 10-2-95	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 572	Water Bbls.	Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_ 2554 \_\_\_\_\_ 2800

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

0312-1535

DATE

9-15-95

PAGE

DS

DISTRICT

W145505/K99595

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WELL NAME AND NO. <i>Webber #2-4</i>		LOCATION (LEGAL) <i>Sec 4-335-37W</i>		RIG NAME:	
FIELD-POOL <i>Hugoton</i>		FORMATION		WELL DATA:	
COUNTY/PARISH <i>Stevens</i>		STATE <i>Kansas</i>		API. NO.	
NAME		ADDRESS		ZIP CODE	
SPECIAL INSTRUCTIONS		IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO		LIFT PRESSURE <i>1770 PSI</i> PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R <sup>2</sup> )	
PRESSURE LIMIT PSI		BUMP PLUG TO <i>1280</i> PSI		ROTATE RPM RECIPROCATE FT No. of Centralizers	
BIT SIZE <i>7 7/8</i>		CSG/Liner Size <i>5 1/2</i>		BOTTOM	
TOTAL DEPTH		WEIGHT <i>2110</i>		TOP	
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE		FOOTAGE		ORIGINAL	
MUD TYPE		GRADE		MUD DENSITY	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT		THREAD <i>8RD</i>		LESS FOOTAGE SHOE JOINT(S)	
MUD VISC.		Disp. Capacity		TOTAL	

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE	<i>O-F-Insert</i>	Stage Tool	TYPE	
	DEPTH			DEPTH	
SHOE	TYPE	<i>Cmt-Guide</i>		TYPE	
	DEPTH			DEPTH	

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

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME:	DATE:	TIME:	DATE:	TIME:	DATE:	
0001 to 2400											
23:52	-	2420	0	0	0	H <sub>2</sub> O	8.34	PRE-JOB SAFETY MEETING			
23:53	-		25	0	6	H <sub>2</sub> O	8.34	Pressure Test			
23:58	-	310	187	25	6	Cement	11.5	Star Fresh Head			
00:38	-	120	37	212	9.2	Cement	14.8	Start Lead Cement			
00:49	-	0						Start Tail Cement (Clean down part)			
00:51	-	0						Cement mixed - Shut down			
00:52	-	0						Wash Pump and Lines			
00:53	-	60	72	0	6	H <sub>2</sub> O	8.34	Drop Top Plug			
01:04	-	680	62	72	0	H <sub>2</sub> O	8.34	Start Displacement			
01:08	-	1280	72	0	0	H <sub>2</sub> O	8.34	Slow Rate - Loose Circulation			
01:09	-	-						Bump Top Plug			
								Bleed off Check Plug + (Float Held)			

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	381	2.75	Class C + 3% D79 + 2.5% D46 + 2.5% B16/K D29				187	11.5
2.	150	1.37	Class C + 2% B28 + 2% S1 + 0.06% D60 + 2% D46				37	14.8
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE		VOLUME		DENSITY		PRESSURE		MAX. <i>1280</i> MIN:	
<input type="checkbox"/> HESITATION SQ.		<input type="checkbox"/> RUNNING SQ.		CIRCULATION LOST		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Cement Circulated To Surf. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
BREAKDOWN		PSI		FINAL		PSI		DISPLACEMENT VOL. <i>72</i> Bbls	
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO		TO		FT.		MEASURED DISPLACEMENT <i>72</i>		<input type="checkbox"/> WIRELINE	
PERFORATIONS		TO		TO		CUSTOMER REPRESENTATIVE		DS SUPERVISOR	
						<i>Dennis Russell</i>		<i>Tim Willis</i>	

**CEMENTING SERVICE REPORT**

Schlumberger  
Dowell

TREATMENT NUMBER: 7513  
DATE: 9-12  
PAGE: 1 DS: 03 DISTRICT: 12

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**DOWELL SCHLUMBERGER INCORPORATED**

WELL NAME AND NO. *webber 2-4* LOCATION (LEGAL) *SEC. 2-4*  
 FIELD-POOL *HUGOTON* FORMATION *SUIT*  
 COUNTY/PARISH *STEPHENS* STATE *KS* API. NO.

RIG NAME: *Mobil 24*  
 WELL DATA: BOTTOM TOP  
 BIT SIZE *12 1/4* CSG/Liner Size *5 1/2*  
 TOTAL DEPTH *24* WEIGHT  
 ROT  CABLE FOOTAGE *663*  
 MUD TYPE GRADE *USS90*  
 BHST  BHCT THREAD *6RD*  
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) *6.2* TOTAL  
 MUD VISC. Disp. Capacity *39.0*

NAME *Mobil*  
 AND  
 ADDRESS  
 ZIP CODE

**ORIGINAL**

SPECIAL INSTRUCTIONS  
*Refer to 88 as per customer orders as follows*

Float	TYPE	<i>Bar Pipe</i>	Stage Tool	TYPE	
	DEPTH			DEPTH	
SHOE	TYPE	<i>100T 205R</i>	Stage Tool	TYPE	
	DEPTH			DEPTH	

IS CASING/TUBING SECURED?  YES  NO  
 LIFT PRESSURE *280* PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)  
 PRESSURE LIMIT *1500* PSI BUMP PLUG TO *760* PSI  
 ROTATE RPM RECIPROCATE FT No. of Centralizers

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  R  W  NEW  USED CASING VOL. BELOW TOOL Bbls  
 BOT  R  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	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400											
23:25		2100				4.0	8.3		9-12		
23:27		30	28	X	5.9	11	11		9-12		
23:32		180	68	26	5.9	10.8	10.8		9-12		
23:43		210	33	94	5.9	14.6	14.6		9-12		
23:49		1300		127					9-12		
23:51		200	395		6	H2O	8.3		9-12		
23:56		310		31	2	H2O	8.3		9-12		
23:56		280		32	2	H2O	8.3		9-12		
23:59		250		38	2	H2O	8.3		9-12		
00:00		760		395	2	H2O	8.3		9-12		
00:02		210							9-12		

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED		
			BLS	DENSITY	BLS	DENSITY	
1.	200	1.99	20% + 16% D-20 + 28.5% 1.5% D-40 (Dry) + 34.2%	68	12.9		
2.							
3.	150	1.22	20% + 28.5% 1.5% D-40	33	14.6		
4.							
5.							
6.							

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE *760* MAX. *30* MIN:  
 HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO *2* Bbls  
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. *39.6* Bbls TYPE OF WELL  OIL  STORAGE  BRINE WATER *6.25*  
 Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE  INJECTION  WILDCAT  
 PERFORATIONS CUSTOMER REPRESENTATIVE *Dennis Russell* DS SUPERVISOR *Ray*