

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

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: Norseman Drilling Inc.

License: 3779

Wellsite Geologist: L. J. Reimer

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  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. \_\_\_\_\_

7-29-95 8-1-95 8-21-95  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21952 - 0000

County Stevens

NE - SW - SW Sec. 9 Twp. 32S Rge. 35 X W 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 S (circle one)

Lease Name Bolinger #1-A Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3006 KB 3015

Total Depth 2978 PBTB 2933

Amount of Surface Pipe Set and Cemented at 636 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 1 994 7-3-96  
(Data must be collected from the Reserve Pit)

Chloride content 7,200 ppm Fluid volume 240 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-117,710

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 11-20-95

Subscribed and sworn to before me this 20th day of November, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998  
5-222.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  
KANSAS CORPORATION COMMISSION (Specify)



NOV 22 1995 Form ACO-1 (7-91)  
CONSERVATION DIVISION  
WICHITA, KS

1A113110

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Bolinger #1-A Unit Well # 3  
 Sec. 9 Twp. 32S Rge. 35  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  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:  
 Compensated Neutron Compensated Photo-Density  
 Spectral Gamma Ray  
 Arroy Induction Shallow Focused Electric Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Glorietta	1270	1398
Stone Corral	1728	1784
Chase	2620	2957
Council Grove	2957	--

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 Casing	12.250	8.625	24#	636	Class C Class C	175 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2968	Class C Class C	275 150	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	2650-2660	Acid: 1,000 gals 7.5% HCL	
	2684-2704	Fracd: 31,038 gals 15# Crosslink Gel	
	2736-2756	127,160 lbs 12/20 Brady Sand	

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. 8-17-95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours: Oil      Bbls. Gas 98 Mcf 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 2650-  
 Other (Specify)      2756

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 0312 652	DATE 8-1-95
STAGE DS	DISTRICT 0145585 RS

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

WELL NAME AND NO. BOLINGER #1-A-3	LOCATION (LEGAL) SEC 9-323-35W	RIG NAME: DOBISMAN # 2
FIELD-POOL HUGOTOW	FORMATION	WELL DATA:
COUNTY/PARISH STEVENS	STATE Kansas	API. NO.
NAME MOBIL	AND	ADDRESS
ZIP CODE	SPECIAL INSTRUCTIONS Safety Cut 5 1/2 Prod. CSG PER Co Rep. INSTRUCTIONS.	

BIT SIZE 7 7/8	CSG/Liner Size 5 1/2	BOTTOM	TOP
TOTAL DEPTH	WEIGHT 14#		
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 2968	<b>ORIGINAL</b>	
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 2 1/2		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 3.4		
MUD VISC.	Disp. Capacity 71.58	TOTAL	

NOTE: Include Footage From Ground Level To Head In Disp. Capacity			
Float	TYPE	O.F. INSERT	Stage Tool
	DEPTH	2934	
SHOE	TYPE	Cut	DEPTH
	DEPTH	2968	

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO
LIFT PRESSURE 1750 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R <sup>2</sup> )
PRESSURE LIMIT PSI BUMP PLUG TO 1450 PSI
ROTATE RPM RECIPROCATATE FT No. of Centralizers

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

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											
1834	2580										
1836		140	25		5	420	8.32				
1843		190	135	25	6	Cut	11.5				
1911		-	37	160	6	Cut	14.8				
1912		-		197	-						
1915		-		197	-						
1915		110	71.6	197	6	420	8.32				
1922		139	37	6							
1927		200	62	2							
1931		200	71.6	2							
1932		1450	71.6	-							

PRE-JOB SAFETY MEETING

PRESSURE TEST LINES

START WATER W/HEAD

START LEAD CEMENT

START TAIL CEMENT

Shutdw. Wash Pump & Lines

LOG TOP Plug

START DISPLACEMENT

CEMENT TO SURFACE

SLOW RATE 2 BPM

BUMP PLUG

CHECK FLOAT - FLOAT HOLDING

RECEIVED  
KANSAS CORPORATION COMMISSION  
NOV 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.	275	2.75	Class C + 3% D79 + 0.2% D46 + 14#/32 D29				135	11.5
2.	150	1.37	Class C + 2% B28 + 2% 0.5 + 0.6% D60 + 0.2% D46				37	14.8
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 1450. MIN: 71.543
<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 35 Bbbs.
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL. 71.6	Bbbs
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/>	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE JEFF WASTNER	DS SUPERVISOR Greg GRENWIK

**CEMENTING SERVICE REPORT**

Schlumberger

Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER

7346

DATE

7-29-95

DS-495-A PRINTED IN U.S.A.

STAGE 1 DS 03 DISTRICT 12

WELL NAME AND NO. <i>Bolingbrook 1A#3</i>		LOCATION (LEGAL) <i>sec.</i>		RIG NAME: <i>Wolsman 2</i>	
FIELD-POOL <i>HUGOTON</i>		FORMATION <i>SUFF</i>		WELL DATA:	
COUNTY/PARISH <i>Stevens</i>		STATE <i>KS</i>		API. NO.	
NAME <i>MOBIL OIL CORP.</i>		AND		TOTAL	
ADDRESS		ZIP CODE		SPECIAL INSTRUCTIONS	

BIT SIZE <i>12 1/2</i>	CSG/Liner Size <i>8 3/8</i>	BOTTOM	TOP
TOTAL DEPTH <i>597</i>	WEIGHT <i>24</i>		
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE <i>636</i>		
MUD TYPE	GRADE <i>W5150</i>		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD <i>OB80</i>		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) <i>597</i>		
MUD VISC.	Disp. Capacity <i>38</i>		

**ORIGINAL**

Float	TYPE <i>Buff Plate</i>	Stage Tool	TYPE
	DEPTH <i>597</i>		DEPTH
SHOE	TYPE		TYPE
	DEPTH <i>636</i>		DEPTH

SPECIAL INSTRUCTIONS  
*Babley unit 8 3/8 as per customer orders as follows*

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE \_\_\_\_\_ PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT *2000* PSI BUMP PLUG TO *440* PSI

ROTATE \_\_\_\_\_ RPM RECIPROCATE \_\_\_\_\_ FT No. of Centralizers \_\_\_\_\_

Head & Plugs  TBG  D.P. SQUEEZE JOB

Double  WEIGHT  GRADE  THREAD

Single  GRADE  THREAD

Swage  GRADE  THREAD

Knockoff  THREAD

TOP  R  W  NEW  USED

BOT  R  W

TIME 0001 to 2400

PRESSURE TBG OR D.P. CASING

VOLUME PUMPED BBL INCREMENT CUM

JOB SCHEDULED FOR TIME: *16:00* DATE: *7-29*

ARRIVE ON LOCATION TIME: *16:00* DATE: *7-29*

LEFT LOCATION TIME: \_\_\_\_\_ DATE: \_\_\_\_\_

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
18:14		2500				H2O	8.3	PRE-JOB SAFETY MEETING
18:16		100	26		6	"	"	PSI TEST
18:22		160	60	26	6	CMT.	12.8	START H2O
18:32		160	34	86	6	CMT.	14.6	START LDCMT
18:39		180		124				START TCCMT
18:40		60	38			H2O	8.3	SHUT DOWN - PROPPING
18:50		380		28	5.8	"	"	START DISP
18:42		220			2	"	"	LOWER RATE
18:50		440		38.2	2	"	"	CMT. TO SURF
								BUMP PLUG

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

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY		
1.	175	1.89	50	12.8	60	12.8		
2.								
3.	150	1.22	50	14.6	24	14.6		
4.								
5.								
6.								

BREAKDOWN FLUID TYPE

HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. *38.2* Bbls

Washed Thru Perfs  YES  NO TO \_\_\_\_\_ FT. MEASURED DISPLACEMENT  WIRELINE

PERFORATIONS TO \_\_\_\_\_ TO \_\_\_\_\_

CUSTOMER REPRESENTATIVE *JEFF LASITER*

DS SUPERVISOR *Ray Pearson*