

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

API NO. 15- 189-219450000 **ORIGINAL**
County Stevens
- NE - SW - SW Sec. 15 Twp. 32S Rge. 37 X W^E

Operator: License # 5208

1250 Feet from S/N (circle one) Line of Section

Name: Mobil Oil Corporation

1250 Feet from E/W (circle one) Line of Section

Address P.O. Box 2173

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

2319 North Kansas Avenue

Lease Name Ellis #3 Unit Well # 6

City/State/Zip Liberal, KS 67905-2173

Field Name Hugoton

Purchaser: Spot Market

Producing Formation Chase

Operator Contact Person: Sharon Cook

Elevation: Ground 3118 KB 3127

Phone (316) 626-1142

Total Depth 3000 PBTB 2942

Contractor: Name: Norseman Drilling Inc.

Amount of Surface Pipe Set and Cemented at 636 Feet

License: 3779

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: L. J. Reimer

If yes, show depth set NA Feet

Designate Type of Completion

If Alternate II completion, cement circulated from NA

X New Well Re-Entry Workover

feet depth to NA w/ NA sx cmt.

Oil SWD SLOW Temp. Abd.

Drilling Fluid Management Plan alt I 7-3-96
(Data must be collected from the Reserve Pit) lu

X Gas ENHR SIGH

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Chloride content 8,400 ppm Fluid volume 200 bbls

Operator: _____

Dewatering method used Waste Minimization Mud System

Well Name: _____

Location of fluid disposal if hauled offsite:

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.

9-29-95 10-2-95 10-20-95

Spud Date Date Reached TD Completion Date

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

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 1-3-96

Subscribed and sworn to before me this 3rd day of January, 19 96.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998

6-7.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)



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Ellis #3 Unit Well # 6

Sec. 15 Twp. 32S Rge. 37 East West
 County Stevens

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 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			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run: NO LOGS RUN				

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#	636	Class C Class C	175 175	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2990	Class C Class C	225 175	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	
	1 SPF	2612-22	2812-27	Acid: 1,000 gals 7.5% HCL
	2654-64		Fract: 28,560 gals 20# Crosslink gel	
	2701-16		129,120 lbs 12/20 Brady Sand	
	2764-84			

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. 10-18-95	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
		203		

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

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

Production Interval: 2612
 Other (Specify) 2827

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER 0312-7623	DATE 10-2-95
STAGE UNSS	DS UNSS
DISTRICT KANSAS	

WELL NAME AND NO. **ELLIS 3-6** LOCATION (LEGAL) **Sec 15-32S-37W**

FIELD-POOL **Hugoton** FORMATION

COUNTY/PARISH **Stevens 189** STATE **Kansas** API. NO.

NAME **MOBIL OIL**

ADDRESS

ZIP CODE

RIG NAME: **Noiseman II**

WELL DATA:	BOTTOM	TOP
BIT SIZE 7 7/8	CSG/Liner Size	
TOTAL DEPTH 3000	WEIGHT 14 #	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 2995	
MUD TYPE	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8rd	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 45.42	TOTAL
MUD VISC.	Disp. Capacity 72 PM	

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

ORIGINAL

SPECIAL INSTRUCTIONS
Rig up and Pump 225 SKS Lead and 175 SKS Tail Cement per Company Trace Instruction

Float	TYPE OFFICE FILL	DEPTH 2949.58	TYPE	DEPTH
SHOE	TYPE Cement/Mose	DEPTH 2995	TYPE	DEPTH

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

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **1765** PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT **2500** PSI BUMP PLUG TO PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers

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: 0700 DATE: 10-2-95	TIME: DATE:
0001 to 2400									
10:00									
10:13	2000	2000				H ₂ O	8:34		PRE-JOB SAFETY MEETING
10:16	-	200	25		6	H ₂ O	8:34		Pressure Test
10:20	-	360	110	25	6	Cement	11:5		Start Fresh Head
10:39	-	200	42	135	6	Cement	11:5		Start Lead
10:47	-	210	80	177	6	H ₂ O	8:34		Start Tail
10:51	-	80	72		6	H ₂ O	8:34		Shutdown Washline - Strip Plug
11:00	-	770		55	6	H ₂ O	2:34		Start Displacement (with Tail + Head)
11:03	-	770		60	2	H ₂ O	8:34		Cement on Surface
11:06	-	830		70	2	H ₂ O	8:34		Slow Rate
11:08	-	830		72	2	H ₂ O	8:34		PSI Check
11:09	-	1230				H ₂ O	2:34		Run Plug to 1230
									Blend and CK Float

RECEIVED
STATE CORPORATION COMMISSION

JAN 05 1996

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	225	2.75	Class C + 3% 1179 + .29 D46 + .25 4/sk D29		110	11.5
2.	175	1.37	Class C + 2.9 B28 + 2.9 S1 + .69 D60 + .29 D46		43	14.8
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO

Pressure 780 # MAX. 1230 MIN: 0

Cement Circulated To Surf. YES NO **291** Bbls

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **72** Bbls

Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **Tom Danning** DS SUPERVISOR **L. Danning**

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER 05-12-1606	DATE 4-30-75
STAGE DS	DISTRICT 1145000 Kc.

WELL NAME AND NO. 110-3-6	LOCATION (LEGAL) Sec. 15-32c-376	RIG NAME: Morseman #2
FIELD-POOL	FORMATION	WELL DATA:
COUNTY/PARISH Iberia	STATE Kc.	API. NO.
NAME Mobil Oil Corp.	AND	ADDRESS
SPECIAL INSTRUCTIONS	ZIP CODE	NOTE: Include Footage From Ground Level To Head in Disp. Capacity

BOTTOM		TOP	
BIT SIZE 2 1/2	CSG/Liner Size 8 1/2		
TOTAL DEPTH 1	WEIGHT 24		
ROT <input type="checkbox"/> CABLE <input type="checkbox"/>	FOOTAGE 626		
MUD TYPE	GRADE 1555		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 800		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 4.3		TOTAL
MUD VISC.	Disp. Capacity 37.1		

Float	TYPE Baffle Plate	DEPTH 593	Stage Tool	TYPE	DEPTH
SHOE	TYPE cut pipe	DEPTH 636		TYPE	DEPTH

ORIGINAL

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	TOOL TYPE	DEPTH
LIFT PRESSURE 261 PSI	CASING WEIGHT + SURFACE AREA (3.14 x R ²)	TUBING VOLUME
PRESSURE LIMIT	BUMP PLUG TO 140 PSI	CASING VOL. BELOW TOOL
ROTATE	RPM	RECIPROCATE
	FT	No. of Centralizers

JOB SCHEDULED FOR TIME 0730	DATE 4-30-75	ARRIVE ON LOCATION TIME 0730	DATE 4-30-75	LEFT LOCATION TIME 0910	DATE 4-30-75
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TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0737	100							PRE-JOB SAFETY MEETING - psi test
0738	0		25		5.4	H2O		start H2O ahead
0743	230		54		5.9	cmf	12.8	start lead cmf.
0747	160		27		5.4	cmf	12.8	psi check
0757	700		38		4	cmf	14.6	start tail cmf.
0757	240		76		5.9	cmf	14.6	psi check
0800	0							shut down down tool joint
0800	0		57		5.4	H2O		start displacement
0803	220		15		5.4	H2O		psi check
0805	290		32		2.5			lower rate
0808	210		36		2.5			psi check
0809	140		38		2.5			sum to 300 psi
0811	300							churn cmf manifold

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			WATER	CEMENT	BBLs	DENSITY
1.	175	1.89	50% water + 6% gal + 3% cacl ₂ + 5% D44	13.1/1079	58.9	12.8
2.						
3.	175	1.72	50% water + 2.5% cacl ₂ + 4% D29		38	14.6
4.						
5.						
6.						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.	MIN.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulation <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	2.5 Bbls
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	37.1 Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE

PERFORATIONS	CUSTOMER REPRESENTATIVE	DS SUPERVISOR
TO	TO	TO
	Tom J. ...	James Esquivel