

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

API NO. 15- 189-219310000.-00-00 ORIGINAL
County Stevens ORIGINAL
SE - SE - SW Sec. 24 Twp. 33S Rge. 36 X E

Operator: License # 5208

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

Name: Mobil Oil Corporation

2628 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 #1 Unit Well # 3

City/State/Zip Liberal, KS 67905-2173

Field Name Hugoton

Purchaser: Spot Market

Producing Formation Chase

Operator Contact Person: Sharon Cook

Elevation: Ground 3013 KB 3022

Phone (316) 626-1142

Total Depth 3002 PBDT 2967

Contractor: Name: Murfin Drilling Co., Inc.

Amount of Surface Pipe Set and Cemented at 652 Feet

License: 30606

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

Drilling Fluid Management Plan all I # 4-17-96
(Data must be collected from the Reserve Pit) LU

If Workover:

Chloride content 8,600 ppm Fluid volume 260 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 PBDT
- Plug Back _____
- Commingled _____ Docket No. _____
- Dual Completion _____ Docket No. _____
- Other (SWD or Inj?) _____ Docket No. _____

Operator Name Mobil Oil Corporation

Lease Name Foster #1 SWDW License No. 5208

SW Quarter Sec. 5 Twp. 34 S Rng. 36 E/W

10-23-95 10-26-95 11-27-95
Spud Date Date Reached TD Completion Date

County Stevens Docket No. D-19,820

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 1-9-96

Subscribed and sworn to before me this 9th day of January, 19 96.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
6-30.kcc

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



Operator Name Mobil Oil Corporation Lease Name Ellis #1 Unit Well # 3
 Sec. 24 Twp. 33S Rge. 36 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 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#	652	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2992	Class C Class C	325 150	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				

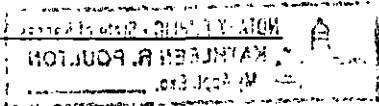
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Amount	Depth
1 SPF	2623-33	Acid: 750 gals 7.5% HCL	
	2690-2705	Fract: 900 bbls 20# Crosslink gel	
	2734-44	137,052 lbs 12/20 Brady Sand	
	2800-15		

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. 11-17-95	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
		420		

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: _____ 2623 _____ 2815 _____



CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

DATE

PAGE

DS

DISTRICT

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

WELL NAME AND NO. Ellis #1-3		LOCATION (LEGAL) Sec 24-33s-36w		RIG NAME: MURFIN #24	
FIELD-POOL		FORMATION		WELL DATA:	
COUNTY/PARISH Stevens		STATE Ks.		API. NO.	
NAME Mobil Oil Corp		ADDRESS		ZIP CODE	
SPECIAL INSTRUCTIONS		IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		LIFT PRESSURE 268 PSI	
AND		PRESSURE LIMIT PSI		BUMP PLUG TO 740 PSI	
ROTATE RPM		RECIPROCATE FT		No. of Centralizers	

BIT SIZE		CSG/Liner Size		BOTTOM		TOP	
12 1/4	8 1/2	8 1/2					
TOTAL DEPTH 1052		WEIGHT		FOOTAGE 1052		GRADE 15555	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE		MUD TYPE		GRADE		THREAD 820	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT		MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)		TOTAL	
MUD VISC.		Disp. Capacity		44			

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

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
	6" Efflo Plate	608			
SHOE	TYPE	DEPTH		TYPE	DEPTH
	cmf nose	1052			

ORIGINAL

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"/> R <input type="checkbox"/> W		<input type="checkbox"/> NEW <input type="checkbox"/> USED		CASING VOL. BELOW TOOL Bbls	
BOT <input type="checkbox"/> R <input type="checkbox"/> W		DEPTH		TOTAL Bbls	
				ANNUAL VOLUME Bbls	

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME: 2:30 DATE: 10-23-95	ARRIVE ON LOCATION TIME: 2:30 DATE: 10-23-95	LEFT LOCATION TIME: 2:00 DATE: 10-24-95
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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				
2323	1900							PRE-JOB SAFETY MEETING + PSI Test
2327	0		25		5.8	H2O		START H2O ahead
2332	150		70		5.8	cmf 12.8		START lead cmf
2338	200		38		5.8	cmf 12.8		PSI check
2346	150		33		4	cmf 14.6		START tail cmf
2352	130		29		4	cmf 14.6		PSI check
2353	0							shut down drop top plug
2355	0		39		6	H10		START displacement
2357	150		10		6	H10		PSI check
0000	220		30		3			lower rate
0002	180		35		2.3			PSI check
0003	220		38		2.3			PSI check
0004	740		39		2.3			bump top plug
0005								shut in cmf manifold
								bleed psi of
								END JOB

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REMARKS

CONSERVATION DIVISION
Wichita, Kansas

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED	
				BBLs	DENSITY
1.	225	1.89	50c sopoz + 6% gel + 3% calz + 5% D44 + 1/4 #1029	75.7	12.8
2.					
3.	150	1.72	50c sopoz + 2.5% calz + 1/4 #1029	32.5	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 Circulated To Surf. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Bbls	
BREAKDOWN		PSI FINAL		PSI		DISPLACEMENT VOL.		38.7 Bbls	
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		DS SUPERVISOR	
						Russell Wooley		James Esquivel	

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 03-12-7735
 DATE: 10-25-95
 DISTRICT: ULYSSES, K5 03-12

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WELL NAME AND NO. Ellis #1-3	LOCATION (LEGAL) SEC 24-33S-36W	RIG NAME: MURFIN #24
FIELD-POOL HUGOTON	FORMATION CHASE	WELL DATA:
COUNTY/PARISH STEVENS	STATE KS	API NO.
NAME MOBIL OIL CORP.		BIT SIZE: 7 7/8
AND		CSG/Liner Size: 5 1/2
ADDRESS		TOTAL DEPTH: 2
ZIP CODE		WEIGHT: 19
SPECIAL INSTRUCTIONS		<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE
SAFELY CEMENT 5 1/2 PRODUCTION CASING WITH 325 SKS OF LEAD AND 150 SKS OF TAIL CEMENT AS DIRECTED BY THE CUSTOMER		FOOTAGE: 2992
		MUD TYPE
		GRADE: USS50
		<input type="checkbox"/> BHST <input type="checkbox"/> BHCT
		THREAD: 8RD
		MUD DENSITY
		LESS FOOTAGE SHOE JOINT(S): 22
		MUD VISC. Disp. Capacity: 72.4
		TOTAL

ORIGINAL

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

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
	INSERT FLOAT VALVE	2970			
SHOE	TYPE	DEPTH		TYPE	DEPTH
	CMT NOSE	2992			

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	WEIGHT		DEPTH		
<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE		DEPTH	
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME		Bbls	
TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL		Bbls	
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	TOTAL		Bbls	
			ANNUAL VOLUME		Bbls

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE: 1521 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT: 500 OVER PSI BUMP PLUG TO: 1390 PSI

ROTATE: RPM RECIPROCATATE FT No. of Centralizers

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME: 2200 DATE: 10-25-95	ARRIVE ON LOCATION TIME: 2200 DATE: 10-25-95	LEFT LOCATION TIME: 0330 DATE: 10-25-95
0001 to 2400	TBG OR D.P. CASING	INCREMENT CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
0100								PRE-JOB SAFETY MEETING
0130	2500		-	-		H2O	8.34	PRESSURE TEST LINES
0131		Ø	25	-	5.7	H2O	8.34	START H2O SPACER
0136		270	160	85	5.7	CMT	11.5	START LEAD SLURRY
0208		150	37	185	4.5	CMT	14.8	START TAIL SLURRY
0217				222				SHUTDOWN / WASH LINES
0221								DROP TOP PLUG
0221		Ø	70.5	-	5.8	H2O	8.34	START DISPLACEMENT
0232		830		65	5.7	H2O	8.34	PSI CHECK
0234		750		70	2.0	H2O	8.34	PSI CHECK
0236		1390		72.5				STOP PUMP / PLUG DOWN
0237		Ø						Bleed Lines / check FLOAT
0239								Holding / END JOB

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 NOV 11 1996
 CONSERVATION DIVISION
 Wichita, Kansas

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	325	2.75	C + 3% D79 + 0.2% D46 + 1/4# / SK D29		159.1	11.5
2.	150	1.37	C + 2% B28 + 2% S1 + 0.6% D60 + 0.2% D46		36.5	14.8
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.	MIN: 85
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input type="checkbox"/> NO	Cement Circulated To Surf.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 42 Bbls
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL.	Bbls	TYPE OF WELL
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input type="checkbox"/>	<input type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> STORAGE <input type="checkbox"/> INJECTION <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Russell Worley	Russ Wagstaff	