

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

API NO. 15- 189-21921-~~60~~⁹⁰ ORIGINAL

County Stevens

NE - SW - SW Sec. 21 Twp. 33S Rge. 36 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 SW (circle one)

Lease Name Allbritten #1 Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3046 KB 3056

Total Depth 2985 PBTD 2953

Amount of Surface Pipe Set and Cemented at 598 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 I 4-23-96
(Data must be collected from the Reserve Pit) PC

Chloride content 13,000 ppm Fluid volume 120 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled offsite:

Operator Name Mobil Oil Corporation

Lease Name Foster #1 SWDW License No. 5208

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

County Stevens Docket No. D-19,820

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 SLOW 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. _____

7-14-95 7-18-95 8-16-95
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 11-8-95

Subscribed and sworn to before me this 8th day of November, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998

5-212.kcc

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

✓ KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

RECEIVED
KANSAS CORPORATION COMMISSION

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

Operator Name Mobil Oil Corporation Lease Name Allbritten #1 Unit Well # 3
 Sec. 21 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 checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Glorietta</td> <td>1224</td> <td>1364</td> </tr> <tr> <td>Stone Corral</td> <td>1709</td> <td>1764</td> </tr> <tr> <td>Chase</td> <td>2637</td> <td>--</td> </tr> <tr> <td>Council Grove</td> <td>--</td> <td>--</td> </tr> </tbody> </table>	Name	Top	Datum	Glorietta	1224	1364	Stone Corral	1709	1764	Chase	2637	--	Council Grove	--	--
Name	Top		Datum														
Glorietta	1224		1364														
Stone Corral	1709		1764														
Chase	2637		--														
Council Grove	--	--															
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: Array Induction Shallow Focused Electric Spectral Gamma Log Compensated Neutron Compensated Photo-Density Log																	

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#	598	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2975	Class C Class C	225 170	3% D79 2% 828

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	2639-2649 2711-2731 2765-2780	Acid: 1,500 gals 7.5% HCL Fracd: 116,000 lbs 12/20 Brady Sand 900 bbls 15# Crosslink Gel	
2 SPF	2808-2824		

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. 8-15-95	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
		225		

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: _____ 2639 _____ 2824

STEVENS COUNTY RECORD DEPARTMENT
 1995 SEP 15 10:00 AM
 1995 SEP 15 10:00 AM

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 22-10
DATE: 7-14-95
STAGE: 12 DS: 12 DISTRICT: 12

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

WELL NAME AND NO.: ALBERTA 1-3
FIELD-POOL: HUGOTON
COUNTY/PARISH: STEVENS
LOCATION (LEGAL): SEC. 21-335-36W
FORMATION: ST
STATE: KS
API. NO.:

RIG NAME: MUFFIN 24
WELL DATA: BOTTOM TOP
BIT SIZE: 12 1/4 CSG/Liner Size: 8 1/2
TOTAL DEPTH: 578 WEIGHT: 24
 ROT CABLE FOOTAGE: 578
MUD TYPE: GRADE: 2550
 BHST BHCT THREAD: 8RD
MUD DENSITY: LESS FOOTAGE SHOE JOINT(S): 578
MUD VISC.: Disp. Capacity: 35.5

NAME: mobile oil corp.
AND:
ADDRESS:
ZIP CODE:

ORIGINAL

SPECIAL INSTRUCTIONS:
Tubing cement 8 1/2" casing custom order
order as follows

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

Float	TYPE	8 1/2" Pipe	TYPE	
	DEPTH	578	DEPTH	
Shoe Tool	TYPE	1 1/2" nose	TYPE	
	DEPTH	578	DEPTH	

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

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

JOB SCHEDULED FOR TIME: 22:00 DATE: 7-14
ARRIVE ON LOCATION TIME: 22:10 DATE: 7-14
LEFT LOCATION TIME: DATE: 7-15

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								PRE-JOB SAFETY MEETING
00:26		280				H2O 8.3		PSI TEST
00:30		50	25		4	"	"	START H2O
00:34		200	76	76	4	50% 12.8		START LDCMT
00:53		160	33	109	4	"	14.6	START TL CMT
01:01								shot down prop plug
01:04		20	35.5		6	H2O 8.3		start disp. cmt to surface
01:08		330		26	6	"	"	check
01:09		270		27	2	"	"	low pump rate
					2	"	"	prop plug
								no bump.
								35.5
								36.5

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KANSAS CORPORATION COMMISSION
NOV 09 1995
CONSERVATION DIVISION
WICHITA, KS

REMARKS:

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBL	DENSITY	BBL	DENSITY		
1.	225	1.84	20	12.8	20	12.8		
2.								
3.	120	1.22	50	14.6	33	14.6		
4.								
5.								
6.								

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ. CIRCULATION LOST: YES NO
PRESSURE: Cement Circulated To Surf. YES NO 35 Bbls
BREAKDOWN: PSI FINAL: PSI DISPLACEMENT VOL. 36 Bbls
TYPE OF WELL: OIL STORAGE BRINE WATER WILDCAT
 GAS INJECTION
Washed Thru Perfs: YES NO TO: FT. MEASURED DISPLACEMENT: WIRELINE
PERFORATIONS: TO: TO: TO: TO:
CUSTOMER REPRESENTATIVE: Russell Workley
DS SUPERVISOR: Ret Pearson

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: **03-12-7305** DATE: **7-17-95**
STAGE: **DS** DISTRICT: **ULYSSES, KS 03-12**

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

WELL NAME AND NO. ALBRITEN #1-3		LOCATION (LEGAL) SEC 21-33S-36W		RIG NAME: MURFIN #24					
FIELD-POOL HUGOTON		FORMATION CHASE		WELL DATA:		BOTTOM		TOP	
COUNTY/PARISH STEVENS		STATE KS		API. NO.		BIT SIZE 7 7/8		CSG/Liner Size 5 1/2	
NAME MOBIL OIL CORP.				TOTAL DEPTH		WEIGHT			
ADDRESS ORIGINAL				<input type="checkbox"/> ROT <input type="checkbox"/> CABLE		FOOTAGE 2975			
ZIP CODE				MUD TYPE		GRADE USS50			
SPECIAL INSTRUCTIONS Cement 5 1/2 production casing with 225 SKS OF LEAD AND 170 SKS OF TAIL CEMENT AS DIRECTED BY THE CUSTOMER				<input type="checkbox"/> BHST <input type="checkbox"/> BHCT		THREAD 8RD			
IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO				MUD DENSITY		LESS FOOTAGE SHOE JOINT(S) 21		TOTAL	
LIFT PRESSURE 1754 PSI				CASING WEIGHT ÷ SURFACE AREA (3.14 x R ²)		MUD VISC. Disp. Capacity 72			
PRESSURE LIMIT 500 OVER PSI				BUMP PLUG TO 1370 PSI		NOTE: Include Footage From Ground Level To Head In Disp. Capacity			
ROTATE RPM RECIPROCATE FT No. of Centralizers				Float		TYPE INSERT FLOAT VALVE		TYPE	
				DEPTH		2954		DEPTH	
				SHOE		TYPE CMT NOSE		TYPE	
				DEPTH		2975		DEPTH	

Head & Plugs		<input type="checkbox"/> TBG <input type="checkbox"/> D.P.		SQUEEZE JOB	
<input type="checkbox"/> Double		SIZE		TOOL TYPE	
<input 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			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 1900	DATE: 7-17-95	TIME: 1600	DATE: 7-17-95	TIME: 2200	DATE: 7-17-95	
0001 to 2400					INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
1930								PRE-JOB SAFETY MEETING			
20:12	2600					H2O	8.34	PRESSURE TEST LINES			
20:13		100	25		5.9	H2O	8.34	START H2O SPACER			
20:18		280	103	25	5.9	CMT	11.5	START LEAD SLURRY			
20:35		90	41	123	4.1	CMT	14.8	START TAIL SLURRY			
20:42				169				Shutdown/Wash Lines / Drop Top Plug			
20:47			72		5.0	H2O	8.34	START DISPLACEMENT			
20:57		660		60	5.6	H2O	8.34	PSI CHECK			
21:02		760		72		H2O	8.34	PSI CHECK			
21:03		1370		72		#		STOP PUMP / Plug Kansas			
21:04								CHECK FLOAT / Holding			
21:05								END JOB			

RECEIVED
CORPORATION COMMISSION
NOV 09 1995
CONSERVATION DIVISION
WICHITA, KS

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% D79 + 0.2% D46 + 1/4 #1/SK D29				110	11.5
2.	170	1.37	CLASS C + 2% B2B + 2% SI + 0.6% D60 + 0.2% D46				41	14.8
3.								
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 type="checkbox"/> NO		Cement Circulated To Surf. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Bbls	
BREAKDOWN		PSI FINAL		PSI		DISPLACEMENT VOL.		72		Bbls	
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO		TO		FT.		MEASURED DISPLACEMENT <input type="checkbox"/>		<input type="checkbox"/> WIRELINE		TYPE OF WELL	
PERFORATIONS		TO		TO		CUSTOMER REPRESENTATIVE		DS SUPERVISOR			
						JEFF LASITER		RUSS WAGSTAFF			