

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

API NO. 15- 189-21947-~~00-00~~ ORIGINAL

County Stevens  
- NW - SW - SE Sec. 12 Twp. 33S Rge. 37 X W<sup>E</sup>

Operator: License # 5208

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

Name: Mobil Oil Corporation

2500 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 Albert #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 3074 KB 3084

Phone (316) 626-1142

Total Depth 2916 PBTB 2877

Contractor: Name: Murfin Drilling Co., Inc.

Amount of Surface Pipe Set and Cemented at 634 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  
X New Well      Re-Entry      Workover

If Alternate II completion, cement circulated from NA

     Oil      SWD      SLOW      Temp. Abd.  
X Gas      ENHR      SIGW  
     Dry      Other (Core, WSW, Expl., Cathodic, etc)

feet depth to NA w/ NA sx cmt.

If Workover:

Drilling Fluid Management Plan ALT 1 2nd 6-25-96  
(Data must be collected from the Reserve Pit)

Operator: \_\_\_\_\_

Chloride content 3,100 ppm Fluid volume 221 bbls

Well Name: \_\_\_\_\_

Dewatering method used Waste Minimization Mud System

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite:

     Deepening      Re-perf.      Conv. to Inj/SWD  
     Plug Back      PBTB  
     Commingled      Docket No. \_\_\_\_\_  
     Dual Completion      Docket No. \_\_\_\_\_  
     Other (SWD or Inj?)      Docket No. \_\_\_\_\_

Operator Name Mobil Oil Corporation

8-4-95 8-7-95 9-1-95  
Spud Date Date Reached TD Completion Date

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 11-21-95

Subscribed and sworn to before me this 21st day of November, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998  
5-224.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"/>	NGPA
<input checked="" type="checkbox"/>	KGS	<input type="checkbox"/>	Plug	<input type="checkbox"/>	Other
KANSAS CORPORATION COMMISSION					
(Specify)					

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

NOV 22 1995 Form ACO-1 (7-91)

CONSERVATION DIVISION  
WICHITA, KS

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Albert #1 Unit Well # 3  
 Sec. 12 Twp. 33S 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#	634	Class C Class C	175 175	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2906	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	2586-2596	2810-2820	Acid: 1,000 gals 7.5% HCL
	2655-2675		Fract: 28,400 gals #20 lb Crosslink Gel	
	2706-2716		130,000 lbs 12/20 Brady Sand	
	2755-2775			

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. 8-26-95		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	516	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: \_\_\_\_\_ 2586 \_\_\_\_\_ 2820

**CEMENTING SERVICE REPORT**

Schlumberger  
Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER: 23-12-1364  
DATE: 8-5-95  
STAGE: DS DISTRICT: L14555, X5

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

WELL NAME AND NO.: Albert #1-3  
LOCATION (LEGAL): Sec 12-335-37u  
FIELD-POOL: FORMATION  
COUNTY/PARISH: Stevens STATE: KS API. NO.:  
NAME: Mobil Oil Corp  
AND:  
ADDRESS:  
ZIP CODE:

RIG NAME: MueFin #74  
WELL DATA: BIT SIZE: 12 1/4 CS/Liner Size: 8 3/8  
TOTAL DEPTH: 634 WEIGHT: 24  
 ROT  CABLE FOOTAGE: 634  
MUD TYPE: GRADE: 155-55  
 BHST  BHCT THREAD: 8pd  
MUD DENSITY: LESS FOOTAGE SHOE JOINT(S): 42 TOTAL  
MUD VISC.: Disp. Capacity: 377

SPECIAL INSTRUCTIONS:  
**ORIGINAL**  
IS CASING/TUBING SECURED?  YES  NO  
LIFT PRESSURE: 261 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 × R<sup>2</sup>):  
PRESSURE LIMIT: PSI BUMP PLUG TO: 640 PSI  
ROTATE: RPM RECIPROCATE FT No. of Centralizers

NOTE: Include Footage From Ground Level To Head In Disp. Capacity  
Float Tool: TYPE: Baffle Plate DEPTH: 592  
Shoe Tool: TYPE: Cmt Nose DEPTH: 634  
Head & Plugs:  TBG  D.P. SQUEEZE JOB  
 Double SIZE: TOOL TYPE: DEPTH:  
 Single  WEIGHT  
 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	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
1224											
1226		0	25		5.8	H2O					
1231		200	59		5.8	cmt	12.8				
1235		140	29		5.7	cmt	12.8				
1241		180	38		4	cmt	14.6				
1247		130	29		4	cmt	14.6				
1250		0									
1251		0	377		5.8	H2O					
1253		190	10		5.8	H2O					
1255		270	20		5.8						
1256		340	30		2						
1258		200	34		2						
0100		640	377		2						

SERVICE LOG DETAIL  
PRE-JOB SAFETY MEETING PSI Test  
start H2O ahead  
start lead cmt.  
psi check  
start tail cmt.  
psi check  
shut down deep top plug  
start displacement  
psi check  
cmt to surface  
lower rate  
psi check  
bump top plug  
6000 psi of  
shut cmt manifold in  
end job

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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.	175	1.89	50c 50% opar + 6% gal + 3% carb + 5% D44 + 1/4 #1029				59	12.8
2.								
3.	175	1.22	50c 50% opar + 2.5% carb + 1/4 #1029				38	14.6
4.								
5.								
6.								

BREAKDOWN FLUID TYPE:  HESITATION SQ.  RUNNING SQ. VOLUME: CIRCULATION LOST:  YES  NO  
PRESSURE: MAX. 50 MIN: 17  
Cement Circulated To Surf.  YES  NO  
BREAKDOWN: PSI FINAL: PSI DISPLACEMENT VOL.: 377 Bbls  
TYPE OF WELL:  OIL  GAS  STORAGE  INJECTION  BRINE WATER  WILDCAT  
Washed Thru Perfs:  YES  NO TO: FT. MEASURED DISPLACEMENT:  WIRELINE  
PERFORATIONS: TO: TO: CUSTOMER REPRESENTATIVE: T. F. Lasiter DS SUPERVISOR: James Esquivel

**CEMENTING SERVICE REPORT**

Schlumberger

Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER **0312 1369** DATE **8-7-95**  
 STAGE **DS** DISTRICT **01433ES**

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

WELL NAME AND NO. **ALBERT 1-3** LOCATION (LEGAL) **Sec 12-335-37W** RIG NAME: **MURFIN # 25**

FIELD-POOL **HUGOTON** FORMATION **CHASE** WELL DATA: BIT SIZE **7 7/8** CSG/Liner Size **5 1/2** BOTTOM TOP

COUNTY/PARISH **STEVENS** STATE **KANSAS** API. NO. TOTAL MUD DENSITY **19.0** LESS FOOTAGE SHOE JOINT(S) **22** MUD VISC. **70.4** Disp. Capacity **70.4**

NAME **MOBIL** AND ADDRESS **ORIGINAL** ZIP CODE

SPECIAL INSTRUCTIONS **Safety Cmt 5 1/2 Production CSG**  
**Per Co. Rep's Instructions.**

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

Float	TYPE	<b>O.F. INSERT</b>	Stage Tool	TYPE	
	DEPTH			DEPTH	
SHOE	TYPE	<b>CMT GUIDE</b>		TYPE	
	DEPTH			DEPTH	

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE **1713** PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT **750** PSI BUMP PLUG TO **1090** PSI

ROTATE RPM RECIPROCATATE FT No. of Centralizers

Head & Plugs  TBG  D.P. SQUEEZE JOB

Double  Single  Swage  Knockoff  TOP  R  W

SIZE WEIGHT GRADE THREAD NEW USED DEPTH

TUBING VOLUME CASING VOL. BELOW TOOL TOTAL ANNUAL VOLUME

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											
0255	2500										
0257		240	25		5	H <sub>2</sub> O	8.32				
0302		270	135	25	5	CMT	11.5				
0328		120	37	160	5	CMT	14.8				
0335		-		197							
0336		-		197							
0339		-		197							
0340		110	70.4	197	6	H <sub>2</sub> O	8.32				
0347		460		42	6						
0352		800		60	2						
0355		750		704	2						
0355		1090		704	-						

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 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% D791 0.2% D46 + 1/4" / 3K D29				135	11.5
2.								
3.	150	1.37	CLASS C + 2% B28 + 2% 5I + 0.6% D60 + 0.2% D46				37	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE  HESITATION SQ.  RUNNING SQ.  CIRCULATION LOST  YES  NO

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **70.4** Bbls

Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **JEFF LUSTER** DS SUPERVISOR **Greg Greenwick**