

ORIGINAL

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

API No. 15- 189-219850000

County Stevens
-SE -NW -NE Sec. 34 Twp. 32S Rge. 37 X W^E

Operator: License # 5208

1250 Feet from S (circle one) Line of Section

Name: Mobil Oil Corporation

1600 Feet from E (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 L. Porter Unit Well # 5

City/State/Zip Liberal, KS 67905-2173

Field Name Hugoton

Purchaser: Spot Market

Producing Formation Chase

Operator Contact Person: Sharon Cook

Elevation: Ground 3125 KB 3134

Phone (316) 626-1142

Total Depth 2930 PBDT 2884

Contractor: Name: Murfin Drilling Co., Inc.

Amount of Surface Pipe Set and Cemented at 666 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 SLOW Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, SW, Expl., Cathodic, etc)

Drilling Fluid Management Plan let I 3-27-96
(Data must be collected from the Reserve Pit)

If Workover:

STATE CORPORATION COMMISSION

Operator: DEC 13 1995

Chloride content 7,800 ppm Fluid volume 121 bbls

Well Name: Wichita, Kansas

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 PBDT
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

Operator Name Mobil Oil Corporation

8-28-95 8-31-95 9-24-95
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 N

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

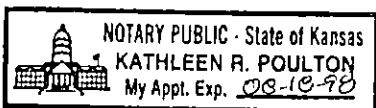
Title Regulatory Assistant Date 12-12-95

Subscribed and sworn to before me this 12th day of December, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
5-242.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)



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name L. Porter Unit Well # 5
 Sec. 34 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#	666	Class C Class C	215 175	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2921	Class C Class C	300 150	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	2604-14	2798-2808	Acid: 1,000 gals 7.5% HCL
	2645-55		Fract: 96,656 lbs 12/20 Brady Sand	
	2692-2707		1,000 bbls 20# Crosslink Gel	
	2756-71			

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. 9-22-95	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
		355		

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: _____ 2604 _____ 2808

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 05-12-7468
 DATE: 8-30-95
 STAGE: DS DISTRICT: 11155555 KS

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

WELL NAME AND NO. <i>L. Porter #5</i>		LOCATION (LEGAL) <i>Sec. 34-32s-37w</i>		RIG NAME: <i>MURFIN #24</i>	
FIELD-POOL <i>Huyotom</i>		FORMATION		WELL DATA: BIT SIZE <i>5 1/2</i>	
COUNTY/PARISH <i>Stearns</i>		STATE <i>Ks.</i>		CSG/Liner Size <i>14</i>	
NAME <i>Mobil Oil Corp</i>		API. NO.		TOTAL DEPTH <i>2921</i>	
ADDRESS		MUD TYPE		GRADE <i>USS 55</i>	
ZIP CODE		MUD DENSITY		LESS FOOTAGE SHOE JOINT(S) <i>45</i>	
SPECIAL INSTRUCTIONS		MUD VISC.		Disp. Capacity <i>70'</i>	
		NOTE: Include Footage From Ground Level To Head In Disp. Capacity		TOTAL	

ORIGINAL

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		HEAD & PLUGS		SQUEEZE JOB	
LIFT PRESSURE <i>1723</i> PSI		<input type="checkbox"/> Double <input type="checkbox"/> Single		<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	
PRESSURE LIMIT <i>1390</i> PSI		<input type="checkbox"/> Swage <input type="checkbox"/> Knockoff		TOOL TYPE DEPTH	
ROTATE RPM RECIPROCAT FT No. of Centralizers		<input type="checkbox"/> NEW <input type="checkbox"/> USED		TUBING VOLUME Bbls	
		TOP <input type="checkbox"/> BOT <input type="checkbox"/>		CASING VOL. BELOW TOOL Bbls	
		DEPTH		TOTAL Bbls	
				ANNUAL VOLUME Bbls	

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR TIME DATE			ARRIVE ON LOCATION TIME DATE			LEFT LOCATION TIME DATE		
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL					
0018	2700							PRE-JOB SAFETY MEETING PSI Test					
0020	0	25			60	H2O		start H2O ahead					
0024	350	147			60	cmf 11.5		start lead cmf.					
0036	170		74		60	cmf 11.5		psi check					
0048	120				4	cmf 14.8		start tail cmf.					
0053	280	37	26		60	cmf 11.5		psi check					
0057	0							shut down wash pump lines deep top plug					
0059	0	170			60	H2O	3.1995	start displacement					
0103	80		20		60	H2O		psi check					
0105	240		30		5.8			cmf. to surface					
0106	450		40		5.8			psi check					
0109	700		53		5			start lowering rate					
0110	730		60		3			psi check					
0111	750		68		2			" "					
0112	770		69		2			bump top plug					
0113	1390		70					bleed psi off & check float & holding					
0114													

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	300	2.75	class C + 3% D79 + .2% D46 + 1/4% D29				147	11.5
2.								
3.	150	1.37	class C + 2% B28 + 2% carls + .6% D60 + .2% D46				36.5	14.8
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	
BREAKDOWN PSI FINAL		PSI		DISPLACEMENT VOL.		TYPE OF WELL		<input type="checkbox"/> OIL <input type="checkbox"/> STORAGE <input type="checkbox"/> BRINE WATER	
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO		TO FT.		MEASURED DISPLACEMENT		<input type="checkbox"/> WIRELINE		<input type="checkbox"/> GAS <input type="checkbox"/> INJECTION <input type="checkbox"/> WILDCAT	
PERFORATIONS TO TO		CUSTOMER REPRESENTATIVE				DS SUPERVISOR			
		Russell Worley				James Esquivel			

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 743	DATE 8-28
PAGE 02	DISTRICT 12

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

WELL NAME AND NO. LPORT #5	LOCATION (LEGAL) SEC. 34-325-774	RIG NAME: Buff 22
FIELD-POOL Huron	FORMATION SURF.	WELL DATA:
COUNTY/PARISH STEVENS	STATE KS	API. NO.
NAME mobil oil	AND	ADDRESS
SPECIAL INSTRUCTIONS Baffle joint 8' @ 40' per customer's orders as follows	IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE 280 PSI
		CASING WEIGHT ÷ SURFACE AREA (3.14 x R ²)
		PRESSURE LIMIT 2000 PSI
		BUMP PLUG TO 710 PSI
	ROTATE RPM	RECIPROCATATE FT
		No. of Centralizers

ORIGINAL

BIT SIZE 1 3/4	CSG/Liner Size 5 1/2	TOTAL DEPTH 70	WEIGHT 24	ROT <input type="checkbox"/> CABLE <input type="checkbox"/>	FOOTAGE 666	MUD TYPE US550	GRADE 8RD	MUD DENSITY 628	LESS FOOTAGE SHOE JOINT(S)	MUD VISC. 40	Disp. Capacity	TOTAL
NOTE: Include Footage From Ground Level To Head In Disp. Capacity	Float TYPE P&F PLATE	DEPTH 628	Stage Tool TYPE	DEPTH	SHOE TYPE CMZ M352	DEPTH 666	Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB	<input type="checkbox"/> Double	SIZE	TOOL TYPE
<input 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
<input type="checkbox"/> BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	TOTAL	ANNUAL VOLUME	Bbls	IS CASING/TUBING SECURED?	LIFT PRESSURE	CASING WEIGHT ÷ SURFACE AREA	PRESSURE LIMIT	BUMP PLUG TO	ROTATE RPM	RECIPROCATATE 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	DATE	TIME	DATE	
0001 to 2400								21:30	8-28	21:10	8-28	SERVICE LOG DETAIL
22:36		2300				420	8.3					PRE-JOB SAFETY MEETING
22:37		40	26	X	5.7	11	11					PSI TEST
22:42		160	74	26	5.7	CMZ	12.8					START H2O
22:55		210	77	100	4	CMZ	14.6					START LOCMT
23:04		120		137	4	CMZ	14.6					START TUCMT
23:07		30	40	X	6	H2O	8.3					SHUT DOWN
23:09		210		10	6	11	11					DROPPING START DISP
23:12	350	350		30	5.8	11	11					CMZ TO SURFACE
23:13		280		32	2	11	11					LOWER ROT
23:17		710		40	2	11	11					PSI CHECK
23:19		320										BUMP PLUG
												BLEED PRES CLOSE AT H20

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS					SLURRY MIXED		
			BBL	DENSITY				BBL	DENSITY	
1.	215	1.89	50%	60%	38 S-1	58 D-44 (Dowol)	1 1/2	30 D-29	74	12.8
2.										
3.	175	1.22	50%	25%	5-11 1/2	4	30 D-29	37	14.6	
4.										
5.										
6.										

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	710	MAX.	MIN:	30
<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 type="checkbox"/> NO		3089 Bbls
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	40	Bbls	TYPE OF WELL
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE		<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		Ret Pearson		