

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- 189-220080000 \_\_\_\_\_

County Stevens \_\_\_\_\_

NE - SW - SW Sec. 34 Twp. 34 Rge. 36 X W <sup>E</sup>

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 Parker Estate #5 Unit Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3033 KB 3042

Total Depth 2945 PBDT 2892

Amount of Surface Pipe Set and Cemented at 708 Feet

Multiple Stage Cementing Collar Used? Yes ~~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 1 8/27-1-28-97  
(Data must be collected from the Reserve Pit)

Chloride content 6,900 ppm Fluid volume 220 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: Norseman Drilling Inc.

License: 3779

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

4-24-96 4-27-96 5-20-96  
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 7-23-96

Subscribed and sworn to before me this 23rd day of July, 19 96.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998  
6-149.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)

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

Operator Name Mobil Oil Corporation Lease Name Parker Estate #5 Unit Well # 2  
 Sec. 34 Twp. 34 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#	708	Class C Class C	225 180	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2938	Class C Class C	140 75	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	2727-2742	Acid: 1,000 gals 7.5% HCL	
	2772-2782	Fracd: 22,554 gals 20# Crosslink gel	
2 SPF	2826-2841	107,480 lbs 12/20 Brady Sand	

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. 5-16-96	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 253 Mcf	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

Production Interval: 2727 2841

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

DATE

STAGE

DS

DISTRICT

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

WELL NAME AND NO. <i>Parker Estate #5-2</i>	LOCATION (LEGAL) <i>Sec 34-345-36</i>	RIG NAME: <i>Norseman #2</i>
FIELD-POOL	FORMATION	WELL DATA
COUNTY/PARISH <i>Stearns</i>	STATE <i>Ks.</i>	API. NO.
NAME <i>Mobil Oil Corp</i>	MUD TYPE GRADE	
AND	MUD DENSITY LESS FOOTAGE SHOE JOINT(S)	
ADDRESS	MUD VISC. Disp. Capacity	
SPECIAL INSTRUCTIONS	NOTE: Include Footage From Ground Level To Head In Disp. Capacity	

ORIGINAL

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE <i>291</i> PSI	CASING WEIGHT + SURFACE AREA (3.14 x R <sup>2</sup> )	PSI
PRESSURE LIMIT PSI	BUMP PLUG TO <i>730</i> PSI	ROTATE RPM RECIPROCATE FT No. of Centralizers	
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double	SIZE	TOOL	DEPTH
<input type="checkbox"/> Single	WEIGHT	DEPTH	DEPTH
<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE	DEPTH
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME	Bbls
TOP <input type="checkbox"/> OR <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL	Bbls
BOT <input type="checkbox"/> OR <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	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
0033	1270										
0034	0		25		5.7	H <sub>2</sub> O					
0039	110		76		5.7	cmt	12.8				
0047	100			45	5.7	cmt	12.8				
0052	130		39		3.8	cmt	14.6				
0058	190		30		5.6	cmt	14.6				
0100	0										
0100	0		42.3		5.5	H <sub>2</sub> O					
0105	200		20		5.5	H <sub>2</sub> O					
0107	280		30		5.5						
0107	280		32		5.5						
0107	300		35		2.4						
0110	230		40		2.4						
0111	730		42		2.4						

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED		
							BBLs	DENSITY	
1.	225	189	5% cmt	50% H <sub>2</sub> O	6% gel	3% cact	5% D44	75.7	12.8
2.									
3.	180	122	5% cmt	50% H <sub>2</sub> O	2.5% cact		1/4 #1029	39.1	14.6
4.									
5.									
6.									

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.
<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
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT
PERFORMATIONS	TO	TO	TO	CUSTOMER REPRESENTATIVE
				DS SUPERVISOR

Dennis Russell

James Esquivel

RECEIVED  
KANSAS OIL CO  
APR 24 11:02

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

DATE

12-8306 4-27-96  
STAGE DS DISTRICT  
0312 UK2

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WELL NAME AND NO. <i>Packer estate 5-2</i>		LOCATION (LEGAL) <i>Sec 34-34S-36W</i>		RIG NAME: <i>Noiseman #2</i>	
FIELD-POOL <i>Hooton</i>		FORMATION <i>Chase</i>		WELL DATA:	
COUNTY/PARISH <i>STEVENS</i>		STATE <i>KS</i>		API. NO.	
NAME <i>Mobil Oil</i>		<b>ORIGINAL</b>		BIT SIZE <i>7 7/8</i> CSG/Liner Size	
AND				TOTAL DEPTH <i>14</i> WEIGHT	
ADDRESS		MUD TYPE		GRADE	
ZIP CODE		MUD DENSITY		LESS FOOTAGE SHOE JOINT(S) <i>2893</i>	
SPECIAL INSTRUCTIONS		MUD VISC.		Disp. Capacity <i>70.5</i>	
<i>Cement Production Casing As Directed By Customer.</i>		NOTE: Include Footage From Ground Level To Head In Disp. Capacity		TOTAL	
		Head & Plugs		SQUEEZE JOB	

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO		LIFT PRESSURE PSI		CASING WEIGHT ÷ SURFACE AREA (3.14 x R <sup>2</sup> )	
PRESSURE LIMIT <i>2500</i> PSI		BUMP PLUG TO <i>1200</i> PSI		ROTATE RPM RECIPROCATATE FT No. of Centralizers	
TOOL TYPE DEPTH		TOOL TYPE DEPTH		TUBING VOLUME Bbls	
CASING VOL. BELOW TOOL Bbls		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	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400								0100	4-27-96		
0330								PRE-JOB SAFETY MEETING			
0332	150	10	10	5.5	H2O	8.3	PSE TEST LINE TO 3000				
0334	320	69	10	5.5	CMT	11.5	START H2O Ahead				
0346	150	20	79	4.0	CMT	14.8	START Lead CMT.				
0354	20		99	4.0	H2O	8.3	START Tail CMT.				
0355	560	70.5	99	4.0	H2O	8.3	Drop Plug				
0410			169.5				START Displacement				
0415							Bump Plug TO 1200 PSI Did not hold				
							Bump Plug TO 1000 PSI still did not hold				
							Shut IN head and manifold.				

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	140	2.75	140 SKSC + 3% D79 + 2% D46 + 1/4 #/SK D29				68.5	11.5
2.	75	1.37	75 SKSC + 2% B28 + 2% S1 + 6% D60 + 2% D46 + 1/4 #/SK D29				18.3	14.8
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE		VOLUME		DENSITY		PRESSURE <i>1200</i> MAX. <i>130</i> MIN:	
<input type="checkbox"/> HESITATION SQ.		<input type="checkbox"/> RUNNING SQ.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Cement Circulated To Surf. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
BREAKDOWN PSI FINAL		PSI		DISPLACEMENT VOL. <i>70.5</i> Bbls		TYPE OF WELL	
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO		FT.		MEASURED DISPLACEMENT <input checked="" type="checkbox"/>		<input type="checkbox"/> OIL <input type="checkbox"/> STORAGE <input type="checkbox"/> BRINE WATER	
PERFORMANCES		CUSTOMER REPRESENTATIVE		DS SUPERVISOR		<input type="checkbox"/> GAS <input type="checkbox"/> INJECTION <input type="checkbox"/> WILDCAT	
TO TO		<i>Dennis Russell</i>		<i>Danica D. Shillie</i>			