

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

API NO. 15- 189-220460000

**ORIGINAL**

County Stevens  
- NE - SE - SW Sec. 3 Twp. 32S 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 A. B. Riney 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 3110 KB 3119

Phone (316) 626-1142

Total Depth 2915 P8TD 2858

Contractor: Name: Norseman Drilling Inc.

Amount of Surface Pipe Set and Cemented at 669 Feet

License: 3779

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: L. J. Reimer

If yes, show depth set NA Feet

Designate Type of Completion  
 New Well  Re-Entry  Workover

If Alternate II completion, cement circulated from NA

Oil  SWD  SLOW  Temp. Abd.  
 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 8/4 12-16-96  
(Data must be collected from the Reserve Pit)

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

Chloride content 8,800 ppm Fluid volume 260 bbls

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

Dewatering method used Waste Minimization PLUG/SLURRY

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

Location of fluid disposal if hauled offsite: KANSAS CORPORATION COMMISSION

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  P8TD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

Operator Name Mobil Oil Corporation JUN 11 1996

3-1-96 3-4-96 3-20-96  
Spud Date Date Reached TD Completion Date

Lease Name Hill #3 SWDW License No. 5208  
SW Quarter Sec. 3 Twp. 33 W 37 E/W  
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 6-10-96

Subscribed and sworn to before me this 10th day of June, 19 96.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998  
6-129.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)



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name A. B. Riney Unit Well # 3  
 Sec. 3 Twp. 32S Rge. 37  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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E-Logs Run:  
 NO LOGS RUN

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum

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#	669	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2907	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	2601-09 2784-99	Acid: 1,000 gals 7.5% HCL	
	2634-44	Fract: 26,880 gals 20# Crosslink gel	
	2680-90	135,060 lbs 12/20 Brady Sand	
	2732-47		

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.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
3-19-96				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		425		

Disposition of Gas: METHOD OF COMPLETION Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2601  
 (If vented, submit ACO-18.)  Other (Specify) 2799

CEMENTING SERVICE REPORT

Schlumberger  
Dowell

TREATMENT NUMBER 8180	DATE 3-2-96
STAGE SURF	DS 0317
DISTRICT LKS	

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

WELL NAME AND NO. A.B. RINEY #3	LOCATION (LEGAL) SEC 3-325-37W
FIELD POOL HUGOTON	FORMATION
COUNTY/PARISH STEVENS	STATE KANSAS
API. NO.	

RIG NAME: WORKMAN #2	WELL DATA:		BOTTOM	TOP
BIT SIZE 12 1/4	CSG/Liner Size	8 5/8		
TOTAL DEPTH	WEIGHT	24		
<input type="checkbox"/> HOT <input type="checkbox"/> CABLE	FOOTAGE	668.74		
MUD TYPE	GRADE			
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	8RD		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	4.3		TOTAL
MUD VISC.	Disp. Capacity	625.59		39.8

NAME Mobil Oil

AND ORIGINAL

ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS  
SAFELY CEMENT 8 5/8 CASING AS PER CUSTOMERS ORDERS

NOTE: Include Footage From Ground Level To Head In Disp. Capacity																																								
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IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE 863 PSI CASING WEIGHT + SURFACE AREA (3.14 x R<sup>2</sup>)

PRESSURE LIMIT PSI BUMP PLUG TO 570 PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers

JOB SCHEDULED FOR TIME: 8:50 AM DATE: 3-2-96

ARRIVE ON LOCATION TIME: 0330 DATE: 3-2-96

LEFT LOCATION TIME: 0730 DATE: 3-2-96

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0606	UA	70	32		6	h2o	8.34	PRE-JOB SAFETY MEETING
0611		240	78	32	10	CMT	12.8	START h2o AHEAD
0624		130	32	110	6	CMT	14.6	START LEAD CMT
0631		20	40	142	6			START TAIL CMT
0637		160	174	182	2	h2o	8.34	LOWER RT shutdown, Deep Plug, start disp.
0643		570		182				LOWER RT
0644		130		182				BUMP PLUG
								BLEED psi

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 11 1996

CONSERVATION DIVISION  
WICHITA, KS

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			PORTLAND CEMENT	FLY ASH	SPERMATOPHYTES	WATER	BBLs	DENSITY
1.	225	1.84	59/50	PORTLAND CEMENT + 6% DZU + 3% SI + 5% DZU (BLOW) 1/4 DZU			75.7	12.8
2.	150	1.22	59/50	PORTLAND CEMENT + 2.5% SI + 14% SK DZU			32.5	14.6
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 checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	40 Bbbs
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR
			DENNIS ROSSEL		Johnny Elliott

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 17572-2189 DATE: 3-11-96  
 STAGE: DS DISTRICT: W1145000 KC

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

WELL NAME AND NO. A.R. Kinoy #3		LOCATION (LEGAL) Sec 3-32c-37W		RIG NAME: Nipsman #2	
FIELD-POOL Hooton		FORMATION		WELL DATA	
COUNTY/PARISH STAVENIS		STATE KC		APL. NO.	
NAME Mobil Oil Coep		AND		ADDRESS	
SPECIAL INSTRUCTIONS		IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		LIFT PRESSURE 1114 PSI	
PRESSURE LIMIT PSI		BUMP PLUG TO 1000 PSI		ROTATE RPM RECIPROCATE FT No. of Centralizers	

WELL DATA		BOTTOM		TOP	
BIT SIZE	1 7/8	CSG/Liner Size	5 1/2		
TOTAL DEPTH	2907.09	WEIGHT	14		
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE		FOOTAGE	2407.09		
MUD TYPE		GRADE	UCS-5		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT		THREAD	8pd		
MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)	45		TOTAL
MUD VISC.		Disp. Capacity	698		

ORIGINAL

Float	TYPE	W. S. Float Valve	DEPTH	2867.09
SHOE	TYPE	Cmt. nose	DEPTH	2907.09

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

JOB SCHEDULED FOR TIME: 1000 DATE: 3-4-96 ARRIVE ON LOCATION TIME: 1000 DATE: 3-4-96 LEFT LOCATION TIME: 1400 DATE: 3-4-96

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
1211	2800							PRE-JOB SAFETY MEETING & PSI Test
1212	0	25			5.1	H2O		start H2O ahead
1216	360	108.0			5.1	cmt. 11.5		start cmt. slurry lead
1223	250	40			5.1	cmt. 11.5		psi check
1228	50	18			4	cmt. 14.8		start tail slurry
1231	50	11			4	cmt. 14.8		psi check
1233	0							shutdown wash pump lines drop top plug
1235	0	69.0			5.1	H2O		start displacement
1241	180	30			5.1	H2O		psi check
1242	250	40			5.1			" "
1244	470	50			5.1			" "
1246	700	60			2.3			lower rate
1248	500	66			2.3			psi check
1244	550	69			2.3			" "
1250	1000	10			2.3			bump top plug
1251								load print, check float & holding and job

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 11 1996

CONSERVATION DIVISION  
WICHITA, KS

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	140	2.75	class C + 3% D119 + 2% D146 + 4% D29		68.5	11.5
2.						
3.	75	1.37	class C + 2% B28 + 2% ranch + .6% D60 + 2% D146 + 4% D29		18.0	14.0
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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	69.8 Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Danial Russell	J. Mac Esquivel	