

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- 189-21940000

County Stevens
NE - SW - SW Sec. 35 Twp. 32S Rge. 37 X E
1000 Feet from S/N (circle one) Line of Section
1250 Feet from E/W (circle one) Line of Section

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
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8-18-95 8-21-95 9-18-95
Spud Date Date Reached TD Completion Date

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Curry #1 Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3117 KB 3126

Total Depth 2925 PBTB 2894

Amount of Surface Pipe Set and Cemented at 673 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 I 8-27-96
(Data must be collected from the Reserve Pit) lu

Chloride content 4,000 ppm Fluid volume 260 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal if hauled offsite:

Operator Name Mobil Oil Corporation

Lease Name Hill #3 SWD License No. 5208

13 Quarter Sec. 3 Twp. 33 S Rng. 37 EXW

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 12-11-95

Subscribed and sworn to before me this 11th day of December, 19 95.

Notary Public Dana S. Bailey

Date Commission Expires August 30, 1999

5-237.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
DANA S. BAILEY
My Appt. Exp. 8-30-99

Operator Name Mobil Oil Corporation Lease Name Curry #1 Unit Well # 3

Sec. 35 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#	673	Class C Class C	215 175	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2920	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	2587-90	2758-78	Acid: 1,000 gals 7.5% HCL	
	2614-22	2805-15	Fract: 785 bbls 20# Crosslink Gel		
	2653-68		127,420 lbs 12/20 Brady Sand		
	2696-2711				

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 9-15-95	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas 334 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: _____ 2587 _____ 2815

Other (Specify) _____

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 25-12-7411
DATE: 8-18-95
STAGE: DS DISTRICT: WYSSON, KS

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

WELL NAME AND NO. Curry 1-3
 LOCATION (LEGAL) Sec. 35-32s-37e
 FIELD-POOL _____
 COUNTY/PARISH Stevens STATE Ks API. NO. _____
 NAME Mobil Oil Corp
 AND _____
 ADDRESS _____
 ZIP CODE _____

RIG NAME: MurFin #24
 WELL DATA: BIT SIZE 2 7/8 CSG/Liner Size 8 3/8
 TOTAL DEPTH 678 WEIGHT 24
 ROT CABLE FOOTAGE 673.43
 MUD TYPE GRADE USS 55
 BHST BHCT THREAD 8ed
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 3.8 TOTAL _____
 MUD VISC. Disp. Capacity 40.4

SPECIAL INSTRUCTIONS

ORIGINAL

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

Float	TYPE <u>ball Valve Plate</u>	Stage Tool	TYPE
DEPTH	<u>635.43</u>	DEPTH	
SHOE	TYPE <u>cmr nose</u>	DEPTH	
DEPTH	<u>673.43</u>	DEPTH	

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 277 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT 860 PSI BUMP PLUG TO _____ PSI
 ROTATE _____ RPM RECIPROCATE _____ FT No. of Centralizers _____

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
 R W NEW USED CASING VOL. BELOW TOOL Bbls
 BOT W DEPTH TOTAL Bbls
 ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: 2330 DATE: 8-18-95 ARRIVE ON LOCATION TIME: 2330 DATE: 8-18-95 LEFT LOCATION TIME: 0330 DATE: 8-19-95

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								
0118								PRE-JOB SAFETY MEETING
0119		0	25		6	H2O		PSI Test
0124		790	72		6	cmr	128	start H2O ahead
0129		180		37	6	cmr	128	start load cmr
0136		220	37		6	cmr	146	psi check
0140		260	28		6	cmr	144	start tail cmr
0142		0						psi check
0143		0	404		6	H2O		shutdown, deep top plug
0146		190	20		6	H2O		start displacement -
0148		290	30		2			cmr to surface
0150		270	36		2			RECEIVED lower rate
0152		260	39		2			STATE CORPORATION COMMISSION
0153		860	40		2			psi check
0154		650						DEC 13 1995
								bump top plug
								check psi of shut cmr manifold in
								OHIO job

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY
1.	215	1.89	50 ^c	50 ^c port + 6% gal + 3% arclz + 5% D44 + 4#/D29	72.3	12.8
2.						
3.	175	1.22	30 ^c	30 ^c port + 2.5% arclz + 4#/D29	38	14.6
4.						
5.						
6.						

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 57.5 MIN. 20
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 40.4 Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 GAS INJECTION WILDCAT
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE Dennis Russell DS SUPERVISOR Tommy Esquivel

CEMENTING SERVICE REPORT

Schlumberger
Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 05711-1417 DATE: 8-21-95
STAGE: DS DISTRICT: Ulysses, Ks

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

WELL NAME AND NO. Curry #1-3 LOCATION (LEGAL) Sec. 35-32s-37u
FIELD-POOL Huyton FORMATION
COUNTY/PARISH Stevens STATE Ks API. NO.
NAME Mobil Oil Corp
AND
ADDRESS
ZIP CODE

RIG NAME: MurFin # 24
WELL DATA: BIT SIZE 7 7/8 CSG/Liner Size 5 1/2 BOTTOM TOP
TOTAL DEPTH 2920 WEIGHT 14
 ROT CABLE FOOTAGE 2920
MUD TYPE GRADE USS55
 BHST BHCT THREAD 8cd
MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 2.2 TOTAL
MUD VISC. Disp. Capacity 70.0

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
Float TYPE insert float valve TYPE
DEPTH 2897 DEPTH
SHOE TYPE cmf nose TYPE
DEPTH 2920 DEPTH

ORIGINAL

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE 1722 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)
PRESSURE LIMIT 1550 PSI BUMP PLUG TO 1550 PSI
ROTATE RPM RECIPROCATATE FT No. of Centralizers
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 PR OW NEW USED CASING VOL. BELOW TOOL Bbls
BOT PR OW 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											
0452	3000										
0454	0		25		5	H2O					
0459	330		135		5.8	cmf	11.5				
0510	300			69	5.9	cmf	11.5				
0523	100		37		4	cmf	14.8				
0528	120			26	4	cmf	14.8				
0531	0										
0534	0		70.6								
0538	80			20							
0539	180			30							
0541	300			40							
0543	540			50							
0545	800			60							
0548	750			68							
0549	1550			70.6							
0550											

REMARKS: PRE-JOB SAFETY MEETING PSI TEST
start H2O ahead
start lead cmf.
psi check
start tail cmf.
psi check
shutdown washpump lines drop top plug
start displacement
psi check
cmf to surface
lower rate
psi check
bump top plug
blood psi of check float + holding
end job

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED	
						BBLs	DENSITY
1.	275	2.75	class C + 3% D-79 + .2% D46 + 1/4% D29			134.6	11.5
2.							
3.	150	1.37	class C + 2% B28 + 2% caith + .6% D60 + .2% D46			36.5	14.8
4.							
5.							
6.							

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 4150 MIN. 20
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 70.6 Bbls TYPE OIL STORAGE BRINE WATER
Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE GAS INJECTION WILDCAT
PERFORATIONS CUSTOMER REPRESENTATIVE Donna Russell DS SUPERVISOR James Esquivel