

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- 189-21892-0000

County Stevens
- NE - SW - SW Sec. 35 Twp. 32S Rge. 38 X W ^E

Operator: License # 5208

1250 Feet from S (circle one) Line of Section

Name: Mobil Oil Corporation

1250 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 Stamler #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 3162 KB 3172

Phone (316) 626-1142

Total Depth 2886 PBDT 2836

Contractor: Name: Murfin Drilling Co., Inc.

Amount of Surface Pipe Set and Cemented at 647 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.

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

Flowing Fluid Management Plan ALT 1 11-25-96 JK
(Data must be collected from the Reserve Pit)

If Workover:

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Operator: _____

Chloride content 9000 ppm Fluid volume 100 bbls

Well Name: CONSERVATION
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

Lease Name Hill #3 SWD License No. 5208

3-26-95 3-31-95 4-27-95
Spud Date Date Reached TD Completion Date

SW Quarter Sec. 3 Twp. 33 S Rng. 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 7-5-95

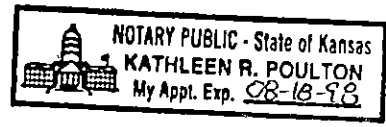
Subscribed and sworn to before me this 5th day of July, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
5-122.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)



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

Sec. 35 Twp. 32S Rge. 38 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 checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Glorietta</td> <td>1210</td> <td>1370</td> </tr> <tr> <td>Stone Corral</td> <td>1650</td> <td>1725</td> </tr> <tr> <td>Chase</td> <td>2495</td> <td>2825</td> </tr> <tr> <td>Council Grove</td> <td>2825</td> <td>--</td> </tr> </tbody> </table>	Name	Top	Datum	Glorietta	1210	1370	Stone Corral	1650	1725	Chase	2495	2825	Council Grove	2825	--
Name	Top		Datum														
Glorietta	1210		1370														
Stone Corral	1650		1725														
Chase	2495		2825														
Council Grove	2825	--															
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																
List All E.Logs Run:																	

Array Induction Shallow Focused Electric Log
Compensated Neutron Compensated Photo-Density
Spectral Gamma Ray

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#	647	Class C Class C	220 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2876	Class C Class C	215 150	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				

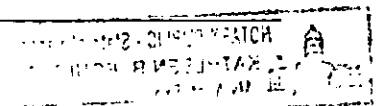
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	See Attached Well History		

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. 4-24-95	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 120 Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION: _____ Production Interval: _____

(If vented, submit ACO-18.)



Well Data - Well History Report

Lease: STAMLER #1 UNIT WELL #3 Well #: 3 Well ID: 0053267
 API #: 15-189-21892-00 State: KS County: STEVENS
 Ppty ID: 2034700 OCSG #:

Spud Date: 03/26/1995 Ground Level Elev.: 3162 KB Height: 10
 Spud Time: 18:30 Original Ref Point: KB BH Height: 0
 DF Height:

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Drilling Job Start/End: 03/26/95 @ 18:30 to 03/31/95 @ 03:15
 Completion Job Start/End: 04/04/95 @ 11:00 to 04/27/95 @ 17:00

DATE	ACTIVITY
03/27/95	CASING OD: 8.625, 24.00# K55, Top/Bot: 0/647
03/30/95	CASING OD: 5.500, 14.00# J55, Top/Bot: 0/2876
04/05/95	PERFORATIONS: 2522-2528 1.0 JSPF; 2550-2566 1.0 JSPF 2610-2626 S 1.0 JSPF; 2660-2690 . 1.0PJSPF; 2722-2732 . 2.0PJSPF

WELLBORE SUMMARY

API WB#	Creation Date	Top	TD	Diam(@TD)	Plug Back Date	Depth PBT
00	03/26/95	0	2886		03/31/95	2886
00	03/26/95	0	2886		04/27/95	2836

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CASING SUMMARY

Date RUN	String	OD	ID	Grade	Wt/FT	Connection	Top/Bot
03/27/95		8.625	8.097	K55	24.00	STC	0/647
03/30/95		5.500	5.012	J55	14.00	STC	0/2876

CONSERVATION DIVISION
 WICHITA, KANSAS

PERFORATION SUMMARY

Perf Date	Top Perf	Btm Perf	Zone Name	SPF	Phase (deg)	Hole Size	J/B	Sqzd
04/05/95	2522	2528	UPPER KRIDER	1.0	120	0.33	J	
04/05/95	2550	2566	LOWER KRIDER	1.0	120	0.33	J	
04/05/95	2610	2626	WINFIELD	1.0	120	0.33	J	
04/05/95	2660	2690	TOWANDA	1.0	120	0.33	J	
04/05/95	2722	2732	FT. RILEY	2.0	120	0.33	J	

PERFORATION TIME CODE ACTIVITY

Well Data - Well History Report

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-----
DATE      HOURS   CODE  ACTIVITY
-----
1995-04-04  3.00  636  PERF FT. RILEY 2722-32 (2SPF), TOWANDA 2
        660-90 (1SPF) WINFIELD 2610-26 (1SPF), L
        . KRIDER 2550-66 (1SPF) U. KRIDER 2522-2
        8 (1SPF)
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WELL TREATMENT TIME CODE ACTIVITY

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DATE      HOURS   CODE  ACTIVITY
-----
1995-04-05  1.50  657  ACIDIZE PERFS, W/1000 GALS 7.5% HCL & 10
        00 GALS WTR. IN 500 GAL STAGES, BEGINING
        W/WTR. & BALL SEALERS, FORM. BROKE @ 17
        30#, @ 8 BPM, GOOD BALL ACTION, & BALL O
        UT, AIR 8.5 BPM, MAX TREAT. PSI 2513# ON
        BALL OUT, ISIP 0, R/JUNK BASKET & GUAGE
        RING & CLEAR BALLS OFF PERFS.

1995-04-05  1.00  655  FRAC VIA CSG W/156000#, 12/20 SND & 1000
        BBL'S X-LINKED GELLED FW, SND RAMMED 1P
        PG-10PPG, AIR 55 BPM, MAX TREAT. PSI 102
        0#, SD W/57 BBL'S FLUSH IN CSG, FRAC TAG
        GED W/4mc Sb-124, 6mc Sc46, 55mc Ir-192

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Report Generated on: 07/05/95 @ 11:40

End of Report...

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

03-12-6988

DATE

3-27-95

AGE

1

DS

03

DISTRICT

12

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

WELL NAME AND NO. <i>STANLOR #1-3</i>		LOCATION (LEGAL) <i>SEC 35-325-38N</i>		RIG NAME: <i>MURFIN 18</i>	
FIELD-POOL <i>Houston</i>		FORMATION		WELL DATA:	
COUNTY/PARISH <i>Stevens</i>		STATE <i>KS</i>	API. NO.	BIT SIZE <i>12 1/4</i>	CSG/Liner Size <i>8 3/4</i>
NAME <i>MOBIL OIL CORP.</i>				TOTAL DEPTH <i>24</i>	WEIGHT <i>24</i>
AND				<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE <i>647</i>
ADDRESS				MUD TYPE	GRADE <i>USS 50</i>
ZIP CODE				<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD <i>8RD</i>
SPECIAL INSTRUCTIONS				MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) <i>603</i>
				MUD VISC.	Disp. Capacity <i>38.4</i>
				TOTAL	

ORIGINAL

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

SHOE	TYPE	<i>8 1/2" Plate</i>	Stage Tool	TYPE	
	DEPTH	<i>603</i>		DEPTH	
SHOE	TYPE	<i>TEX. PAT</i>	Stage Tool	TYPE	
	DEPTH	<i>647</i>		DEPTH	

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 R W NEW USED CASING VOL. BELOW TOOL Bbls

BOT R W DEPTH TOTAL Bbls

ANNUAL VOLUME Bbls

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE *CMT 190* PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT *1500* PSI BUMP PLUG TO PSI

ROTATE RPM RECIPROCATATE FT No. of Centralizers

JOB SCHEDULED FOR TIME: *0500* DATE: *03-27-95* ARRIVE ON LOCATION TIME: *0415* DATE: *03-27-95* LEFT LOCATION TIME: DATE: *3-27-95*

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								PRE-JOB SAFETY MEETING
07:40		2000				H2O	8.3	Pres. TEST Lines
07:43		200	25		5.8	H2O	8.3	START H2O
07:48		130	28		5.8	H2O	8.3	End H2O start CMT
08:04		110	74	81	5.8	CMT	12.8	End LD CMT
08:04		130	33		5.8	CMT	14.6	START TL CMT
08:10		150	33	33	5	CMT	14.6	End TL CMT
08:10								Shutdown DROP PLUG
08:14		400	384	39				START DISP.
08:21				39				End DISP.

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GULF COAST DIVISION
WICHITA, KANSAS

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY		
1.	220	1.89	50% P2 + 6% D-20 + 7% S-1 + 5% D-44 (BLOW) + 4% D-29	81	12.8			
2.								
3.	150	1.22	50% P2 + 2.5% S-1 + 4% D-29	33	14.6			
4.								
5.								
6.								

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 400 MIN: 0

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 23 Bbls

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 39 Bbls TYPE OF WELL OIL STORAGE BRINE WATER 68.35

Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE WILDCAT 23.5

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR

Russell Worley 4/1/95 R4 Pearson

CEMENTING SERVICE REPORT

Schlumberger
Dowell

TREATMENT NUMBER: 6991
DATE: 3-30-95
STAGE: 1 DS: 03 DISTRICT: 12

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

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. STAMLER 1-3
LOCATION (LEGAL) Sec 35-32 S-38 W
FIELD-POOL HUGOTON
FORMATION chase
COUNTY/PARISH STEVENS
STATE KS API. NO.

RIG NAME: MURFIC 24
WELL DATA:
BIT SIZE 7 7/8 CSG/Liner Size 5 1/2
TOTAL DEPTH 14 WEIGHT 14
 ROT CABLE FOOTAGE 2876
MUD TYPE GRADE US550
 BHST BHCT THREAD 8RD
MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 2836 TOTAL
MUD VISC. Disp. Capacity 69.2

NAME MOBIL OIL CORP
AND
ADDRESS
ZIP CODE

ORIGINAL

SPECIAL INSTRUCTIONS
Safety cmt 5 1/2 i/s as per customer's orders as follows

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

Float	TYPE	<u>autoFill FLAP</u>	Stage Tool	TYPE
	DEPTH	<u>2836</u>		DEPTH
SHOE	TYPE	<u>CMT nose</u>	Stage Tool	TYPE
	DEPTH	<u>2836</u>		DEPTH

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE
 Single WEIGHT
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls
TOOL TYPE DEPTH
TOP R W NEW USED CASING VOL. BELOW TOOL Bbls
BOT R W DEPTH TOTAL Bbls
ANNUAL VOLUME Bbls

IS CASING/TUBING SECURED? YES NO
LIFT PRESSURE CMT lift 660+ PSI CASING WEIGHT + SURFACE AREA (3.14 x R²) 1700
PRESSURE LIMIT PSI BUMP PLUG TO 1400 PSI
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: 18:00	DATE: 3-30-95	TIME:	DATE:
0001 to 2400											
23:23		2480				H2O	8.3	PRE-JOB SAFETY MEETING			
23:25		200	25		4	H2O	8.3	PSE TEST LINES			
23:33		210		31	5.5	H2O	8.3	start water			
23:33		260	105		5.5	CMT	11.5	end water			
23:53		140		110	5.5	CMT	11.5	start + mixing lead cmt.			
23:53		130	37		5.5	CMT	14.8	end lead cmt.			
00:00		230			5.5	CMT	14.8	start tail cmt.			
00:02						H2O	8.3	end tail cmt shut down			
00:03								wash top bit			
00:07		0	69.2		5.5	H2O	8.3	drop plug			
00:07		150			5.5	H2O	8.3	start disp.			
00:10		340		35	5.5	H2O	8.3	PSE check			
00:15		800		60	2	H2O	8.3	cmt to surface			
00:22		1400		69.5	2	H2O	8.3	PSE check lower rate			
								BUMP PLUG			

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CHECK FLIGHT RELEASES DOWELL

REMARKS: 350 Bbl H2O on LOC.

JUL 07 1995

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED		
			BLS	DENSITY	BLS	DENSITY	
1.	215	2.75	2 + 3% 079 + 0.2% D-46	110	11.5		
2.							
3.	150	1.37	1 + 2% 079 + 2% 5-1 + 0.6% D-60 + 0.2% D-46	37	14.8		
4.							
5.							
6.							

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 1400 MIN: 130
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST Regained YES NO Cement Circulated To Surf. YES NO 39 Bbls
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OIL STORAGE BRINE WATER 695KS
Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT 69.5 WIRELINE WELL GAS INJECTION WILDCAT
PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR
Volan youngblood Ray Pearson