

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- 189-220260000

County Stevens

 - NW - SE - SE Sec. 19 Twp. 32S Rge. 36 X E

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 Citizens State Bank #3 Unit Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3098 KB 3108

Total Depth 2960 PBDT 2921

Amount of Surface Pipe Set and Cemented at 580 Feet

Multiple Stage Cementing Collar Used? Yes X 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 5-8-96
(Data must be collected from the Reserve Pit)

Chloride content 4,500 ppm Fluid volume 750 bbls

Dewatering method used Waste Minimization System

Location of fluid disposal if hauled offsite:

Operator Name Mobil Oil Corporation

Lease Name Hill #3 SWDW License No. 5208

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

County Stevens Docket No. 10-112710

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
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.

12-1-95 12-3-95 1-4-96
Spud Date Date Reached TD Completion Date

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KANSAS CORP COM
FEB - 2 1996
2-2-1996

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 2-1-96

Subscribed and sworn to before me this 1st day of February, 19 96.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
6-56.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 Citizens State Bank #3 Unit Well # 2

Sec. 19 Twp. 32S Rge. 36 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#	580	Class C Class C	200 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2951	Class C Class C	135 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	2621-2631 2810-2820	Acid: 1,000 gals 7.5% HCL	
	2652-2667	Fracd: 780 bbls 20# Crosslink gel	
	2710-2720	132,000 lbs 12/20 Brady Sand	
	2759-2774		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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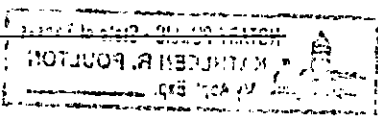
Date of First, Resumed Production, SWD or Inj. 1-3-96	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		348			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

Production Interval: 2621 - 2820



CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER

DATE

03-12-7910

12-01-95

STAGE

DS

DISTRICT

1 444555 KS 02-12

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

WELL NAME AND NO. CITIZEN STATE BANK 32 SEC 19-225-36W		LOCATION (LEGAL) HUGOTON		RIG NAME:	
FIELD-POOL HUGOTON		FORMATION		WELL DATA:	
COUNTY/PARISH STEUBENS		STATE KS		API. NO.	
NAME MOBILE OIL		MUD TYPE 65/4		GRADE	
AND		MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)	
ADDRESS		MUD VISC.		Disp. Capacity	
ZIP CODE		NOTE: Include Footage From Ground Level To Head In Disp. Capacity		TOTAL	

ORIGINAL

HEAD & PLUGS	<input type="checkbox"/> TBG	<input type="checkbox"/> D.P.	SQUEEZE JOB	
<input type="checkbox"/> Double	SIZE	TOOL	TYPE	
<input type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	DEPTH	DEPTH	
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE	DEPTH	
<input checked="" type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TUBING VOLUME	Bbbs	
TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL	Bbbs	
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	TOTAL	Bbbs	
		ANNUAL VOLUME	Bbbs	

CEMENT SURFACE CASING
AS PER BELOW SCHEDULE

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 750 PSI BUMP PLUG TO 640 PSI

ROTATE RPM RECIPROCAT FT No. of Centralizers

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											
2145	ARRIVE										
2315		1280									
2317		10	25	0	6 BPM	H ₂ O	8.3				
2321		180	75	25	5 BPM	CMT	12.8				
2336		90	35	100	4 BPM	CMT	14.6				
2345		0		135							
2347		140	25	135	6 BPM	H ₂ O	8.3				
2351		270	4	160							
2352		180	5	164							
2355		640		189							
2356		350									

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REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED		
			BLS	DENSITY	BLS	DENSITY			
1.	400	1.89	50/50 P02/C	6.7 D20	37.51	52 D44	141 D29	75	12.8
2.	150	1.22	50/50 P02/C	2.5751	14 D29			35	14.6
3.									
4.									
5.									
6.									

205 SACKS

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 type="checkbox"/> NO		Cement Circulated To Surf.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
BREAKDOWN		PSI	FINAL	PSI	DISPLACEMENT VOL.	Bbbs		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"/> STORAGE <input type="checkbox"/> BRINE WATER <input type="checkbox"/> GAS <input type="checkbox"/> INJECTION <input type="checkbox"/> WILDCAT			
PERFORATIONS				CUSTOMER REPRESENTATIVE				DS SUPERVISOR			
TO		TO		Mr. Dennis Russell				Louis H. Dillon			

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 7913 DATE 12-3-95

PAGE 03 DS DISTRICT 12 WYSSER, KS.

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WELL NAME AND NO. #		LOCATION (LEGAL)		RIG NAME:	
CITIZEN STATE BANK 32		SEC. 19-32S-36W		MURFIN DRILL RIG #24	
FIELD-POOL		FORMATION		WELL DATA:	
HUGOTON		CHASE		BIT SIZE 7 7/8 CSG/Liner Size 5 1/2	
COUNTY/PARISH		STATE		TOTAL DEPTH 2960 WEIGHT 14"	
STEVENS		KS.		<input type="checkbox"/> ROT <input type="checkbox"/> CABLE FOOTAGE 2950	
NAME Mobil		API. NO.		MUD TYPE GRADE 11550	
AND				<input type="checkbox"/> BHST THREAD 8 RD	
ADDRESS				<input type="checkbox"/> BHCT LESS FOOTAGE SHOE JOINT(S) 2928	
ZIP CODE				MUD VISC. 715 Disp. Capacity 715	

ORIGINAL

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

Float	TYPE	AUTO FILL TAPPER	DEPTH	2928
SHOE	TYPE	CMT. NOSE	DEPTH	2950

SPECIAL INSTRUCTIONS

Safely Cement 5 1/2 Long-String AS

PER CUSTOMERS INSTRUCTIONS

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 1730 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 2500 PSI BUMP PLUG TO

ROTATE RPM RECIPROCATE FT No. of Centralizers

JOB SCHEDULED FOR TIME: 16:00 DATE: 12-3

ARRIVE ON LOCATION TIME: 16:00 DATE: 12-3-95

LEFT LOCATION TIME: 18:00 DATE: 12-3-95

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											
18:37		2000				H2O	8.3				
18:39		30	10	10	6.0	"	"				
18:43		220	166	10	"	CMT.	11.5				
18:54		180	18	76	"	"	14.8				
18:58		20	198	178	-	-	-				
19:02		10	-	-	-	-	-				
19:03		10	71.5		6.0	H2O	8.3				
19:13		470	61	61	2.0	H2O	8.3				
19:13		360	65	65	"	"	"				
19:17		1100		71.5							
19:18		1100		71.5							

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	135	2.75	C+ 3% D79 + 0.2% D46 + 1/4" 1SK D 29				76	11.5
2.								
3.	75	1.37	C+ 2% B28 + 2% S1 + 0.6% D60 + 0.2% D46 + 1/4" 1SK D 29				18	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 71.5 Bbls

Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR

DENNIS RUSSELL

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