

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

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 SLOW 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5-3-95 5-7-95 6-5-95
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21895 -00-00

County Stevens **ORIGINAL**

NE - SW - SW Sec. 32 Twp. 33S Rge. 36 X W

1250 Feet from S (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 Bissitt #1 Unit Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3084 KB 3094

Total Depth 2946 PBDT 2910

Amount of Surface Pipe Set and Cemented at 686 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 09/11-8-95
(Data must be collected from the Reserve Pit)

Chloride content 6,000 ppm Fluid volume 381 bbls

Dewatering method used Waste Minimization Mud System

Location of fluid disposal STATE CHAULI OFFSITE

Hill #3 SWDW - 121 bbl

Foster #1 SWDW - 260 bbl

Operator Name Mobil Oil Corporation

Hill #3 SWDW

Lease Name Foster #1 SWDW License No. 5208

SW Quarter 33 Sec. 37

SW Stevens 5 WICHITA 34 S. Rng. 36 E/W

County Stevens Docket No. D-19,820

RECEIVED
STATE CORPORATION
9-07-95
AUG 11 1995
CONSERVATION
WICHITA, KANSAS
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 8-3-95

Subscribed and sworn to before me this 3rd day of August, 19 95.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
5-139.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 Bissitt #1 Unit Well # 3
 Sec. 32 Twp. 33S 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Dual Induction Focused Log - Gamma Ray Caliper Z-Densilog Compensated Neutron Spectralog	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> Log</td> <td style="text-align: center;">Formation (Top), Depth and Datums</td> <td style="text-align: center;"><input type="checkbox"/> Sample</td> </tr> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Datum</td> </tr> <tr> <td style="text-align: center;">Glorietta</td> <td style="text-align: center;">1230</td> <td style="text-align: center;">1440</td> </tr> <tr> <td style="text-align: center;">Stone Corral</td> <td style="text-align: center;">1710</td> <td style="text-align: center;">1780</td> </tr> <tr> <td style="text-align: center;">Chase</td> <td style="text-align: center;">2655</td> <td style="text-align: center;">--</td> </tr> <tr> <td style="text-align: center;">Council Grove</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	Name	Top	Datum	Glorietta	1230	1440	Stone Corral	1710	1780	Chase	2655	--	Council Grove	--	--
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Stone Corral	1710	1780																	
Chase	2655	--																	
Council Grove	--	--																	

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#	686	Class C Class C	225 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2936	Class C Class C	225 150	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
1.33	See Attached Well History <u>2656'-2666'</u>		
1.33	<u>2700'-2710'</u> <u>2729'-2749'</u> <u>2786'-2801'</u>		
1	<u>2840'-2860'</u>		

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. 5-24-95			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 430 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 Other (Specify)

Production Interval: 2656' - 2860'

KATHLEEN R. FORTSON
 KATHLEEN R. FORTSON
 KATHLEEN R. FORTSON

Well Data - Well History Report

Lease: BISSIT #1 UNIT WELL #3 Well #: 3 Well ID: 0053269
 API #: 15-189-21895-00 State: KS County: STEVENS
 Ppty ID: 2037000 OCSG #:

ORIGINAL

Spud Date: 05/03/1995 Ground Level Elev.: 3084 KB Height: 10
 Spud Time: 15:00 Original Ref Point: KB BH Height: 11
 DF Height:

Drilling Job Start/End: 05/03/95 @ 15:00 to 05/07/95 @ 14:30
 Completion Job Start/End: 05/13/95 @ 07:00 to 06/05/95 @ 17:00

DATE	ACTIVITY
05/04/95	CASING OD: 8.625, 24.00# J55, Top/Bot: 0/686
05/07/95	CASING OD: 5.500, 14.00# J55, Top/Bot: 0/2936
05/16/95	PERFORATIONS: 2656-2666 1.3 JSPF; 2700-2710 1.3 JSPF 2729-2749 S 1.3 JSPF; 2786-2801 . 1.3PJSPF; 2840-2860 . 1.OPJSPF

WELLBORE SUMMARY

API WB#	Creation Date	Top	TD	Diam(@TD)	Plug Back Date	Plug Back Depths PBTD
00	05/03/95	0	2946		05/07/95	2946
00	05/03/95	0	2946		06/05/95	2910

CASING SUMMARY

Date RUN	String	OD	ID	Grade	Wt/FT	Connection	Top/Bot
05/04/95		8.625	8.097	J55	24.00	STC	0/686
05/07/95		5.500	5.012	J55	14.00	STC	0/2936

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AUG 07 1995

PERFORATION SUMMARY

Perf Date	Top Perf	Btm Perf	Zone Name	SPF	Phase (deg)	Hole Size	J/B	Sqzd
05/16/95	2656	2666	HERINGTON	1.3	0	0.33	J	
05/16/95	2700	2710	UPPER KRIDER	1.3	0	0.33	J	
05/16/95	2729	2749	LOWER KRIDER	1.3	0	0.33	J	
05/16/95	2786	2801	WINFIELD	1.3	0	0.33	J	
05/16/95	2840	2860	TOWANDA	1.0	90	0.33	J	

PERFORATION TIME CODE ACTIVITY

Well Data - Well History Report

DATE	HOURS	CODE	ACTIVITY
1995-05-16	4.50	636	MIRU ATLAS WIRELINE, RIH W/ GR & CCL. LOG F/ 2910'-2300'. PERFORATE W/ 4" CSG GUN. HERINGTON 2656'-2666' (1.33 SPF), U. KRIDER 2700'-2710' (1.33 SPF), L. KRIDER 2729'-2749' (1.33 SPF), WINFIELD 2786'-2801' (1.33 SPF), TOWANDA 2840'-2860' (1.33 SPF) TOTAL PERFS 96. POH & RDMO ATLAS.

WELL TREATMENT TIME CODE ACTIVITY

DATE	HOURS	CODE	ACTIVITY
1995-05-16	2.00	656	MIRU DOWELL, TEST LINES TO 3500 PSI. BREAKDOWN FORMATION W/ 1000 GAL 7.5% HAC & 1000 GAL WTR IN 500 GAL STAGES. DROPPED 200 BALLS, GOOD BALL ACTION. BALLED OUT. BREAKDOWN 2422 PSI @ 7 BPM. RIH W/ SAND LINE & KNOCKED BALL OFF.
1995-05-16	.50	655	FRAC'D DOWN CSG W/ 638 BBLs OF CROSS LINKED & 106423 LBS 10/20 SD. AIR 50 BPM. RAMPED SD F/ 1-8.5 ppg, SCREENED OUT W/ 57 BBLs FLUSH. ISIP 927. 5 MIN 0.

Report Generated on: 07/20/95 @ 11:10

End of Report...

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 25-12-7083	DATE 3-3-95
STAGE DS	DISTRICT Ulysses, Ks

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

WELL NAME AND NO. Bissitt #1-3	LOCATION (LEGAL) Sec. 32-33s-36w	RIG NAME: Murfin Drilling #24
FIELD-POOL	FORMATION	WELL DATA: BIT SIZE 2 1/2, CSG/Liner Size 8 3/8, TOTAL DEPTH 684, WEIGHT 24, FOOTAGE 684, MUD TYPE USS 55, GRADE 8ed, MUD DENSITY 4.2, MUD VISC. 41
COUNTY/PARISH Stevens	STATE Ks.	APL. NO.
NAME Mobil Oil Corp	ORIGINAL	
AND	TOTAL	

ADDRESS	ZIP CODE	NOTE: Include Footage From Ground Level To Head In Disp. Capacity
SPECIAL INSTRUCTIONS	Float TYPE Laffle Plate, DEPTH 642	Stage Tool TYPE, DEPTH
	SHOE TYPE cmt nose, DEPTH 684	SHOE DEPTH

IS CASING/TUBING SECURED? <input type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE 281 PSI	CASING WEIGHT ÷ SURFACE AREA (3.14 x R ²)	Pressure Limit 810 PSI	ROTATE RPM	RECIPROCATATE	FT	No. of Centralizers
Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB	TYPE	DEPTH	TAIL PIPE: SIZE	DEPTH	TUBING VOLUME Bbls
<input type="checkbox"/> Double	SIZE	TYPE	DEPTH	DEPTH	CASING VOL. BELOW TOOL Bbls	TOTAL Bbls	ANNUAL VOLUME Bbls
<input type="checkbox"/> Single	WEIGHT	DEPTH	DEPTH	DEPTH	TOTAL Bbls	ANNUAL VOLUME Bbls	
<input type="checkbox"/> Swage	GRADE	DEPTH	DEPTH	DEPTH	TOTAL Bbls	ANNUAL VOLUME Bbls	
<input type="checkbox"/> Knockoff	THREAD	DEPTH	DEPTH	DEPTH	TOTAL Bbls	ANNUAL VOLUME Bbls	
TOP <input type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	DEPTH	DEPTH	DEPTH	TOTAL Bbls	ANNUAL VOLUME Bbls	
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	DEPTH	DEPTH	DEPTH	TOTAL Bbls	ANNUAL VOLUME Bbls	

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME 2:30 DATE 3-3-95	ARRIVE ON LOCATION TIME 2:30 DATE 3-3-95	LEFT LOCATION TIME 04:30 DATE 5-4-95
0001 to 2400	TBG OR D.P. CASING	INCREMENT CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
0255	2800							PRE-JOB SAFETY MEETING
0257	0	25			5.8	H2O		start H2O ahead
0302	220	75.7			5.8	cmt	12.8	start lead cmt.
0308	240	38			5.8	cmt.	12.8	psi check
0314	170	32			5.8	cmt.	14.6	start tail cmt.
0318	300	25			5.8	cmt.	14.6	psi check
0320	0							shut down drop top plug
0322	0	41			6	H2O		start displacement
0324	200	10			6	H2O		psi check
0327	310	25			6			cmt to surface
0329	370	34			2			lower rate
0331	260	40			2			psi check
0332	810	41			2			bump top plug
	350							bleed psi of to 350 psi
								end job

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLs	DENSITY
1.	225	1.89	50% 50ppm + 6% gal + 3% CaCl2 + 5% D4K + 4% D29	75.7	12.8
2.					
3.	150	1.22	50% 50ppm + 2.5% CaCl2 + 4% D29	32.5	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 type="checkbox"/> NO	Cement Circulated To Surf. <input type="checkbox"/> YES <input type="checkbox"/> NO	20 Bbls
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	41 Bbls
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/>	<input type="checkbox"/> WIRELINE	
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	
			Volah Youngblood	JAMES ESQUIVEL	

WELL NAME AND NO. **Bissitt 1-3**
 LOCATION (LEGAL) **SEC. 32-335-364**
 FIELD-POOL **Hugoton**
 FORMATION **chase**
 COUNTY/PARISH **Stevens**
 STATE **KS** API. NO.

RIG NAME: **MURFIN 24**
 WELL DATA:
 BIT SIZE **7 1/8** CSG/Liner Size **5 1/2**
 TOTAL DEPTH **2946** WEIGHT **14**
 ROT CABLE FOOTAGE **2936**
 MUD TYPE GRADE **4550**
 BHST BHCT THREAD **3RD**
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) **2890**
 MUD VISC. Disp. Capacity **70.52**

ORIGINAL

NAME **mobil oil corp.**
 AND
 ADDRESS
 ZIP CODE

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

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
	auto fill flap	2890			
	cmt rose guide	2936			

SPECIAL INSTRUCTIONS
Safety out 5 1/2 L/S as per customers orders as follows

Head & Plugs TBG D.P. SQUEEZE JOB

Double Single Swage Knockoff

TOOL TYPE DEPTH
 TAIL PIPE: SIZE DEPTH
 TUBING VOLUME Bbls
 CASING VOL. BELOW TOOL Bbls
 TOTAL Bbls
 ANNUAL VOLUME Bbls

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE PSI **1730** CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **2500** PSI BUMP PLUG TO PSI
 ROTATE RPM RECIPROCATATE FT No. of Centralizers

TIME: 0001 to 2400 PRESSURE: TBG OR D.P. CASING VOLUME PUMPED BBL: INCREMENT CUM
 JOB SCHEDULED FOR TIME: 05:00 DATE: 5-7 ARRIVE ON LOCATION TIME: 05:00 DATE: 5-7 LEFT LOCATION TIME: DATE:
 SERVICE LOG DETAIL

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
								PRE-JOB SAFETY MEETING
10:28		230				H2O	8.3	Pres, test lines
10:30		230	25		5.8	"	"	start H2O
10:35		260		28	5.8	"	"	end H2O
10:35		260	110		5.8	cmt	11.5	start LD cmt
10:54		200		112	5.8	cmt	11.5	end LD cmt
10:54		200	36.0		5.8	"	14.8	start TL cmt
11:00		300		36	5.8	"	14.8	end TL cmt
11:00								shut down wash port
11:04					6.2	H2O	8.3	DROP PLUG
11:04		100	795		6.2	"	"	start D:SP.
11:11		250		06	6.2	"	"	PSICHECK
11:15		580		63		"	"	cmt TO SURFACE
11:16		740		64	2.2	"	"	Lower Rat
11:19		1240		795		"	"	Bump Plug

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REMARKS

AUG 07 1995

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	225	2.75	C + 3% D-79 + 0.2% D-79 + 0.2% D-79 + 0.2% D-79				112	11.5
2.								
3.	150	1.37	C + 2% B-28 + 2% S-1 + 0.6% D-60 + 0.2% D-46				36	14.8
4.								
5.								
6.								

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX: 1240 MIN: 100
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 7 Bbls
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 70.5 Bbls TYPE OF WELL OIL STORAGE BRINE WATER GAS INJECTION WILDCAT 14 SCS
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE VOLAN YOUNG BLOOD DS SUPERVISOR Rey Pearson