FORM MUST BE TYPED

SIDE ONE

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

ORIGINAL

API NO. 15- 189-220130000

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 ____ SIOW ____ 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 ____ PBTD
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

11-7-95 Spud Date | 11-10-95 Date Reached TD | 12-12-95 Completion Date

County Stevens

____ - SE - NW - NE Sec. 9 Twp. 32S Rge. 36 ____ E _X_ W

1250 Feet from S/N (circle one) Line of Section

1450 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 Bunton #1 Unit Well # 4

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3066 KB 3074

Total Depth 2960 PBTD 2927

Amount of Surface Pipe Set and Cemented at 619 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 Lw
(Data must be collected from the Reserve Pit)

Chloride content 2,600 ppm Fluid volume 481 bbls

Dewatering method used Waste Minimization Mud 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 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 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

6-51.kcc

RECEIVED
KANSAS CORP COMM
1996 FEB -2 A 11:11
2-2-96

NOTARY PUBLIC - State of Kansas
KATHLEEN R. POULTON
My Appt. Exp. 08-18-98

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)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Bunton #1 Unit Well # 4

Sec. 9 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.) ☐ Yes ☒ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

List All E.Logs Run:

NO LOGS RUN

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name Top Datum

CASING RECORD ☒ New ☐ 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#	619	Class C	200	50:50 C/poz
					Class C	150	50:50 C/poz
Production Casing	7.875	5.500	14#	2952	Class C	280	3% D79
					Class C	150	2% B28

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	2670-2690	Acid: 750 gals 7.5% HCL	
	2720-2740	Fracd: 900 bbls 20# Crosslink gel	
	2775-2795	137,247 lbs 12/20 Brady Sand	

TUBING RECORD Size Set At Packer At | Liner Run ☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. 12-8-95 | Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		426			

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 2670 – 2795

CEMENTING SERVICE REPORT

Schlumberger
Dowell
DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER	DATE
1545	11-7-95
STAGE 1	DS 03 DISTRICT 12

ORIGINAL

WELL NAME AND NO.	LOCATION (LEGAL)
DUNTON 1-4	SEC. 9-32S-36W
FIELD-POOL	FORMATION
HUGOTON	SURF
COUNTY/PARISH	STATE / API. NO.
STEVENS	KS.

NAME MOBIL

AND

ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS

Safety cmt 8 5/8 as per customers order

RIG NAME: MURFIN 24

WELL DATA:		BOTTOM	TOP		
BIT SIZE 12 1/4	CSG/Liner Size	8 5/8			
TOTAL DEPTH 629	WEIGHT	24			
☐ ROT ☐ CABLE	FOOTAGE	618			
MUD TYPE	GRADE	USED			
☐ BHST ☐ BHCT	THREAD	8RD			
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	576			TOTAL
MUD VISC.	Disp. Capacity	36.7			

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

Float	TYPE	BAFFLE	Stage Tool	TYPE	
	DEPTH	576		DEPTH	
SHOE	TYPE	CMT NOSE		TYPE	
	DEPTH	618		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 PSI CASING WEIGHT ÷ SURFACE AREA (3.14 × R²)

PRESSURE LIMIT 1500 PSI BUMP PLUG TO 840 PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers

JOB SCHEDULED FOR TIME: 19:00 DATE: 11-7

ARRIVE ON LOCATION TIME: 19:00 DATE: 11:70

LEFT LOCATION TIME: DATE:

TIME 0001 to 2400	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
								PRE-JOB SAFETY MEETING
20:55		2000		X		H20	8.3	PSI TEST
20:57		120	25	X	5.7	"	"	START H20
21:02		160	68	25	5.7	CMT.	12.8	START LD CMT.
21:14		170	33	93	5.7	CMT	14.6	START TL CMT.
21:20				126				SHUTDOWN DROP PLUG
21:23		110	38	X	5.7	H20	8.3	START DISP.
21:26		200		20	5.7	"	"	CMT TO SURFACE
21:28		190		28	2.6	"	"	LOWER RATE
21:28		190		30	2.6	"	"	DISP check
21:31		840		38	2.6	"	"	BUMP PLUG
21:32		290			—	—	—	BLEED LINES CLOSE IN HEAD

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	SLURRY MIXED DENSITY
1.	200	1.84	50/50 A/Z C + 6% D20 + 3% S-1 + 5% D-44 (BWOW) + 1/4 #/SK D-29	68	12.8
2.					
3.	150	1.22	50/50 A/Z C + 2.5% S-1 + 1/4 #/SK D-29	33	14.6
4.					
5.					
6.					

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE MAX. 840 MIN: 110
☐ HESITATION SQ. ☐ RUNNING SQ.	CIRCULATION LOST ☐ YES ☐ NO		Cement Circulated To Surf. ☐ YES ☐ NO 14 Bbls.
BREAKDOWN PSI FINAL PSI	DISPLACEMENT VOL.	Bbls	TYPE OF WELL ☐ OIL ☐ STORAGE ☐ BRINE WATER ☐ GAS ☐ INJECTION ☐ WILDCAT
Washed Thru Perfs ☐ YES ☐ NO TO FT.	MEASURED DISPLACEMENT ☐ ☐ WIRELINE		42 SKS

RECEIVED
KANSAS CORP COMM
1996 FEB -2 A 11:11

PERFORATIONS	CUSTOMER REPRESENTATIVE	DS SUPERVISOR
TO TO	Dennis Russell	RH Pearson
TO TO		

CEMENTING SERVICE REPORT

Schlumberger
Dowell
DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER 0312-1805T | DATE 11-9-95
STAGE | DS | DISTRICT Ulysses Kansas 0312

WELL NAME AND NO.	LOCATION (LEGAL)
Bunton #1-4	Sec 9-32S-36W
FIELD-POOL: Hugoton	FORMATION
COUNTY/PARISH: Stevens 189	STATE: Kansas 15	API. NO.

NAME Mobil Oil
AND
ADDRESS
ZIP CODE

ORIGINAL

RIG NAME: MurFin #24

WELL DATA:		BOTTOM			TOP
BIT SIZE 7⅞	CSG/Liner Size	5½			
TOTAL DEPTH	WEIGHT	14#			
☐ ROT ☐ CABLE	FOOTAGE	2951.91			
MUD TYPE	GRADE				
☐ BHST ☐ BHCT	THREAD	BRD			
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	23'			TOTAL
MUD VISC.	Disp. Capacity	71.5			

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

Float	TYPE	Office F'll Flapper	Stage Tool	TYPE	
	DEPTH	2928.91		DEPTH	
SHOE	TYPE	Cement Nose		TYPE	
	DEPTH	2951.91		DEPTH	

SPECIAL INSTRUCTIONS
Rig up and pump 280 sks of Lead and 150 sks of Tail per Company Reps instructions

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

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

JOB SCHEDULED FOR TIME: 2030 DATE: 11-9-95 | ARRIVE ON LOCATION TIME: 2030 DATE: 11-9-95 | LEFT LOCATION TIME: 01:30 DATE: 11-9-95

TIME 0001 to 2400	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
23:10								PRE-JOB SAFETY MEETING
23:19	2000	—				H2O	8.34	Pressure Test Lines
23:20		300	25		6	H2O	8.34	Start Fresh H2O Head
23:26		330	137	25	6	Cement	11.5#	Start Lead Cement
23:49		120	37	137	6	Cement	14.8#	Start Tail Cement
23:56		100		37	6	Cement	14.8#	Shut down Drop Plug Wash Lines
00:01		100	71.5		6	H2O	8.34	Start Displacement
00:09		250		35	6	H2O	8.34	PSI CK
00:17		570		50	6	H2O	8.34	PSI CK Cement to Surface
00:14		670		60	2	H2O	8.34	Lower Rate
00:18		790		70	2	H2O	8.34	PSI CK
								Bump Plug to 1220 PSI

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	SLURRY MIXED DENSITY
1.	280	2.75	Class C + 3% D79 + 2% D46 + ¼ #/sk D29	137	11.5
2.	150	1.37	Class C + 2% B28 + 2% S1 + .6% D60 + .2% D46 + ¼ #/sk D29	37	14.8
3.					
4.					
5.					
6.					

BREAKDOWN FLUID TYPE | VOLUME | DENSITY
☐ HESITATION SQ. ☐ RUNNING SQ.
BREAKDOWN PSI | FINAL PSI
Washed Thru Perfs ☐ YES ☐ NO | TO FT.

CIRCULATION LOST ☐ YES ☒ NO
DISPLACEMENT VOL. 71.5 Bbls
MEASURED DISPLACEMENT ☐ ☐ WIRELINE

PRESSURE MAX. MIN:
Cement Circulated To Surf. ☒ YES ☐ NO 20 Bbls.
TYPE OF WELL ☐ OIL ☐ GAS ☐ STORAGE ☐ INJECTION ☐ BRINE WATER ☐ WILDCAT

PERFORATIONS
TO TO
TO TO

CUSTOMER REPRESENTATIVE Dennis Russell

DS SUPERVISOR Tim Willis