

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- 189-21856-0000

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: Cheyenne Drilling

License: 5382

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  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

12-31-94 1-4-95 2-1-95  
Spud Date Date Reached TD Completion Date

County Stevens  
- SW - SW - SE Sec. 6 Twp. 32S Rge. 36 X W E

487 Feet from S (circle one) Line of Section

2569 Feet from E (circle one) Line of Section

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

Lease Name Parker #2 Unit Well # 4

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3095 KB 3106

Total Depth 2949 PBTB 2894

Amount of Surface Pipe Set and Cemented at 599 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 1 276 11-17-95  
(Data must be collected from the Reserve Pit)

Chloride content 10,400 ppm Fluid volume 605 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, 200 Colorado Derby Building, 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 3-2-95

Subscribed and sworn to before me this 2<sup>nd</sup> day of March, 1995.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998

3-6-95  
RECEIVED K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 IGS  Plug  Other  
(Specify)  
MAR 06 1995  
CONSERVATION DIVISION  
WICHITA, KANSAS



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Parker #2 Unit Well # 4  
 Sec. 6 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 checked="" type="checkbox"/> Log	<b>Formation (Top), Depth and Datums</b>	<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	Glorietta	1315	1480
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stone Corral	1755	1825
List All E.Logs Run:		Chase	2615	2945
Array Induction Shallow Focused Electric Log		Council Grove	2945	--
Compensated Neutron Compensated Photo-Density Log				

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#	599	Class C Class C	150 sx 150 sx	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2939	Class C Class C	275 sx 150 sx	3% D79 2% B28

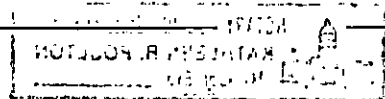
ADDITIONAL CEMENTING/SQUEEZE RECORD

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		
1	2773'-2783' 2802'-2812' 2726'-2746'		
1	2709'-2719' 2668'-2678' 2684'-2694'		
2	2792'-2802' 2646'-2656'		

<b>TUBING RECORD</b>	Size <u>None</u> Set At <u></u> Packer At <u></u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>2-1-95</u>	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. <u>349</u>	Gas Mcf <u>349</u> Water Bbls. <u></u> Gas-Oil Ratio <u></u> Gravity <u></u>

Disposition of Gas: **METHOD OF COMPLETION** Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 2646 -  
 (If vented, submit ACO-18.)  Other (Specify) 2812



Well Data - Well History Report

Lease: PARKER #2 UNIT WELL #4      Well #: 2      Well ID: 0053069  
 API #: 15-189-21856-00      State: KS      County: STEVENS  
    Ppty ID: 1938400      OCSG #:

Spud Date: 12/31/1994      Water Depth: 0      KB Height: 11  
 Spud Time: 17:15      Original Ref Point: KB      BH Height: 0  
    DF Height:

ORIGINAL

Drilling Job Start/End: 12/31/94 @ 17:15 to 01/04/95 @ 00:00  
 Completion Job Start/End: 01/07/95 @ 10:00 to 02/01/95 @ 13:00

DATE	ACTIVITY				
12/31/94	CASING	OD:	8.625,	24.00#	US50, Top/Bot: 0/599
01/03/95	CASING	OD:	5.500,	14.00#	J55, Top/Bot: 0/2939

WELLBORE SUMMARY

API WB#	Creation Date	Top	TD	Diam(@TD)	Plug Back Date	Plug Back Depths PBT
00	12/31/94	0	2949		01/04/95	2949
00	12/31/94	0	2949		02/01/95	2894

CASING SUMMARY

Date RUN	String	OD	ID	Grade	Wt/FT	Connection	Top/Bot
12/31/94		8.625	8.097	US50	24.00	STC	0/599
01/03/95		5.500	5.012	J55	14.00	STC	0/2939

PERFORATION SUMMARY

Perf Date	Top Perf	Btm Perf	Zone Name	Phase Hole (deg)	Size J/B	Sqzd

PERFORATION TIME CODE ACTIVITY

DATE	HOURS	CODE	ACTIVITY
1995-01-07	5.00	636	R/U ATLAS WIRELINE, RUN SBT/CCL.LOG /PBT D @ 2894'-2400'. PEROFRATE, TOWANDA: 277 3'-83'(1 SPF) & 2792'-802'(2 SPF) 2802'-

Well Data - Well History Report

12' (1 SPF)

WINFIELD: 2726'-46' ( 1SPF), O  
DELL: 2709'-19' (1 SPF), L.KRIDER:2668'-7  
8' (1 SPF) & 2684'-94' (1 SPF), U.KRIDER:  
2646'-56' (2 SPF). 118 HOLES. SWI, R/D A  
TLAS.

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WELL TREATMENT TIME CODE ACTIVITY

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DATE	HOURS	CODE	ACTIVITY
1995-01-10	1.00	657	RU DOWELL TST LINE TO 3000#, ACIDIZE W/1 000 GAL 7.5% HCL & 1000 GAL WTR IN 500 G AL STAGES, BEGIN W/WTR. & BALL SEALERS F ORM. BROKE @ 1912#, GOOD BALL ACTION & B ALL OUT AIR 9BPM, R/GUAGE RING & CLEAR P ERFS.
1995-01-10	1.00	655	FRAC VIA CSG W/126000# 10/20 SND & 900 B BL'S X-LINKED GELLED FW, SND RAMMED 1PPG -10PPG, AIR 55 BPM, SCREENED OUT W/55 BB L'S FLUSH IN CSG

Report Generated on: 02/20/95 @ 09:00

End of Report...

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**CEMENTING SERVICE REPORT**

Schlumberger

Dowell

**DOWELL SCHLUMBERGER INCORPORATED**

TREATMENT NUMBER

03126768

DATE

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

STAGE

DS

DISTRICT

ULYSSES, KS

WELL NAME AND NO.

PARKER 2-4

LOCATION (LEGAL)

SEC 6-32S-36W

RIG NAME:

Cheyenne #4

FIELD-POOL

HUGOTON

FORMATION

WELL DATA:

BOTTOM

TOP

COUNTY/PARISH

STEVENS

STATE

KS

API. NO.

BIT SIZE

12 1/4

CSG/Liner Size

8 5/8

TOTAL DEPTH

510

WEIGHT

24#

ROT  CABLE

FOOTAGE

599

MUD TYPE

GRADE

USS50

BHST

THREAD

8RD

MUD DENSITY

LESS FOOTAGE SHOE JOINT(S)

40.67

TOTAL

MUD VISC.

Disp. Capacity

35.5

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

NAME MOBIL OIL CORP.

AND ORIGINAL

ADDRESS ZIP CODE

SPECIAL INSTRUCTIONS

START CMT w/o shutdown  
PER CUSTOMER'S ORDER

Float

TYPE

DEPTH

SHOE

TYPE

DEPTH

Stage Tool

DEPTH

TYPE

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  OR  W

NEW  USED

CASING VOL. BELOW TOOL

Bbls

BOT  OR  W

DEPTH

TOTAL

Bbls

ROTATE

RPM

RECIPROCATATE

FT

No. of Centralizers

Bbls

IS CASING/TUBING SECURED?  YES  NO

LIFT PRESSURE

246

PSI

CASING WEIGHT ÷ SURFACE AREA

(3.14 x R<sup>2</sup>)

PRESSURE LIMIT

1500

PSI

BUMP PLUG TO

1000

PSI

TIME

PRESSURE

VOLUME PUMPED BBL

JOB SCHEDULED FOR

TIME: 02:00 DATE: 12-31-94

ARRIVE ON LOCATION

TIME: 22:00 DATE: 12-31-94

LEFT LOCATION

TIME: 03:30 DATE: 01-01-95

0001 to 2400

TBG OR D.P.

CASING

INCREMENT

CUM

INJECT RATE

FLUID TYPE

FLUID DENSITY

SERVICE LOG DETAIL

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
0030								PRE-JOB SAFETY MEETING
2215								RIG TRUCK TO FLOOR
0115		200				MUD 9.2		START RIG PUMP TO BREAK CIRCULATION
0134								STOP RIG PUMP TO HOOK TO TREATING LINE
0139		2300				H <sub>2</sub> O 8.32		PSI TEST LINES
0145			25		5.8	H <sub>2</sub> O 8.32		START WATER AHEAD
0149		210	56	25	5.8	CMT 12.2		START LEAD CEMENT 150 SKS
0159		230	32	81	5.8	CMT 14.8		START TAIL CEMENT 150 SKS
0206		0		113				STOP PUMP / DROP PLUG
0207		0	35	35	2.5	H <sub>2</sub> O 8.32		START Displ. - H <sub>2</sub> O
0213		340			2.0	H <sub>2</sub> O 8.32		Slow Pump
		1000						SHUT DOWN / PLUG DOWN

REMARKS

RECEIVED  
STATE CORPORATION COMMISSION

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.	150	2.11	50/50 C/POZ + 6% D20 + 3% S <sub>1</sub> + 1/4 #/SK 599				56.4	12.2
2.	150	1.20	50/50 C/POZ + .75% D20 + 3% S <sub>1</sub> + 1/4 #/SK D29				32	14.8
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE VOLUME 3 DENSITY PRESSURE 2300 MAX. MIN: 26 SKS

HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO 10 Bbls

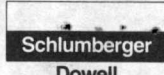
BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 36 Bbls

Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR

Mr. Joe Davis Russ Wagstaff

**CEMENTING SERVICE REPORT**



TREATMENT NUMBER: 03126773  
 DATE: 01-03-95  
 STAGE: DS DISTRICT: Ulysses KS 0312

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

**DOWELL SCHLUMBERGER INCORPORATED**

WELL NAME AND NO. **PARKER #2-4**  
 LOCATION (LEGAL) **Sec 6-325-36W**  
 FIELD-POOL **Hugoton**  
 FORMATION **CHASE**  
 COUNTY/PARISH **Stevens**  
 STATE **KS** API. NO.

RIG NAME: **Cheyenne #4**  
 WELL DATA: BOTTOM TOP  
 BIT SIZE **12 1/4** CSG/Liner Size **5 1/2**  
 TOTAL DEPTH **2949** WEIGHT **14#**  
 ROT  CABLE FOOTAGE **2939**  
 MUD TYPE GRADE **USS50**  
 BHST  BHCT THREAD **8KD**  
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) **54** TOTAL  
 MUD VISC. Disp. Capacity **70.6**

NAME **MOBIL OIL CORP**  
 AND  
 ADDRESS  
 ZIP CODE

NOTE: Include Footage From Ground Level To Head In Disp. Capacity  
 Float TYPE **INSERT Float Valve** TYPE  
 DEPTH **2895** DEPTH  
 Shoe TYPE **CMT Nose** TYPE  
 DEPTH **2939** DEPTH

SPECIAL INSTRUCTIONS  
**ORIGINAL**

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 **1733** PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R<sup>2</sup>)  
 PRESSURE LIMIT **2500** PSI BUMP PLUG TO **1000** PSI  
 ROTATE RPM RECIPROCATE FT No. of Centralizers

JOB SCHEDULED FOR TIME: **1630** DATE: **1-3-95** ARRIVE ON LOCATION TIME: **1630** DATE: **01-03-95** LEFT LOCATION TIME: **2045** DATE: **1-3-95**

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								
1835	3000							PRE-JOB SAFETY MEETING PSI TEST
1937	270	25			5.3	H <sub>2</sub> O	8.32	START H <sub>2</sub> O
1841	290	134	25		5.3	CMT	11.5	START LEAD CMT
1854	160	67	92		5.3	CMT	11.5	PSI TEST
1906	180	36	159		5.3	CMT	14.8	START Tail CMT
1913	0		195					Shutdown/Wash Line / Drop TOP Plug
1916	0	70			5.7	H <sub>2</sub> O	8.32	START Displacement
1922	370	35	35		5.7	H <sub>2</sub> O	8.32	PSI check
1927	720	36	61		2.0	H <sub>2</sub> O	8.32	LOWER RATE
1933	900		70.6					Shutdown/Plug Down / check float
1937	860							Pressure up to check float

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BLLS	DENSITY		
1.	275	2.75	275 SKS CLASS C + 370 D79 + 0.29% D46 + 14% MISSISSIPPI	134	11.5	
2.	150	1.37	150 SKS CLASS C + 290 B28 + 290 S1 MAR 27 1995	36	14.8	
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE **1000** MAX. MIN: **41.5x**  
 HESITATION SQ.  RUNNING SQ. CIRCULATION LOST  YES  NO Cement Circulated To Surf.  YES  NO **20** Bbls.  
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. **70.6** Bbls TYPE OF WELL  OIL  STORAGE  BRINE WATER  
 GAS  INJECTION  WILDCAT  
 Washed Thru Perfs  YES  NO TO FT. MEASURED DISPLACEMENT  WIRELINE  
 PERFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR  
**MR. Volan Younblood** **JAMES Esquivel**