

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

API NO. 15- 189-219440000
County Stevens **ORIGINAL**
 - NW - SW - SE Sec. 2 Twp. 32S Rge. 37 E
 W

Operator: License # 5208

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

Name: Mobil Oil Corporation

2470 Feet from E/W (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 Gillespie #1 Unit Well # 4

City/State/Zip Liberal, KS 67905-2173

Field Name Hugoton

Purchaser: Spot Market

Producing Formation Chase

Operator Contact Person: Sharon Cook

Elevation: Ground 3108 KB 3117

Phone (316) 626-1142

Total Depth 2949 PBDT 2897

Contractor: Name: Norseman Drilling Inc.

Amount of Surface Pipe Set and Cemented at 639 Feet

License: 3779

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: L. J. Reimer

If yes, show depth set NA Feet

Designate Type of Completion
X New Well Re-Entry Workover

If Alternate II completion, cement circulated from NA

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

feet depth to NA w/ NA sx cmt.

If Workover:

Drilling Fluid Management Plan alt I 4-3-96
(Data must be collected from the Reserve Pit) Re

Operator:

Chloride content 5,500 ppm Fluid volume 130 bbls

Well Name:

Dewatering method used Waste Minimization Mud System

Comp. Date Old Total Depth

Disposition of fluid disposal if hauled offsite:

 Deepening Re-perf. Conv. to
 Plug Back PBDT
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

Operator Name Mobil Oil Corporation

9-22-95 9-25-95 10-11-95
Spud Date Date Reached TD Completion Date

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 1-3-96

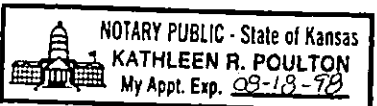
Subscribed and sworn to before me this 3rd day of January, 19 96.

Notary Public Kathleen R. Poulton

Date Commission Expires August 18, 1998
6-5.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)



SIDE TWO

Operator Name Mobil Oil Corporation Lease Name Gillespie #1 Unit Well # 4
 Sec. 2 Twp. 32S Rge. 37 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 NO LOGS RUN

Log Formation (Top), Depth and Datums Sample
 Name Top Datum

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#	639	Class C Class C	175 175	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2939	Class C Class C	225 175	3% D79 2% B2B

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	2668-78	Acid: 1,000 gals 7.5% HCL	
	2710-25	Fract: 22,344 gals 20# Crosslink gel	
	2772-92	135,860 lbs 12/20 Brady Sand	
	2817-32		

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.	10-10-95	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 306 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
 Production Interval: 2668
 Other (Specify) 2832

10 09 1977

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 12-2580	DATE 7-95
STAGE UNSS	DISTRICT Kansas 0312

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

WELL NAME AND NO. 51109.2 # 1-4	LOCATION (LEGAL) Sec 2-325-374	RIG NAME:
FIELD-POOL	FORMATION	WELL DATA:
COUNTY/PARISH Stevens	STATE Kansas	API. NO.
NAME Mobil	ORIGINAL	BIT SIZE 12 1/2
AND		CSG/Liner Size 11 7/8
ADDRESS		TOTAL DEPTH 24'
		WEIGHT 24'
		ROT/CABLE
		FOOTAGE
		MUD TYPE
		GRADE
		BHST
		BHCT
		THREAD BRD
		MUD DENSITY
		LESS FOOTAGE SHOE JOINT(S)
		MUD VISC.
		Disp. Capacity
		TOTAL

SPECIAL INSTRUCTIONS
Rinse and pump 175 KG Lead
at 175 KG Tail cement per
Company Allan's instruction

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 261 PSI CASING WEIGHT SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 2000 PSI BUMP PLUG TO 740 PSI

ROTATE RPM RECIPROCATE 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: 2230	DATE: 7-25-95	TIME:	DATE:
0001 to 2400											
10:57	190		25		6	H ₂ O	8.34				
11:02	190		59	25	6	Cement	8.34				
11:14	110		38	84	6	Cement	14.6				
11:18	190			84	6	Cement	14.6				
11:22	190		38		6	H ₂ O	8.34				
11:24	200			10	6	H ₂ O	8.34				
11:28	220			38	2	H ₂ O	8.34				
11:32	240			28			8.34				
11:37											

PRE-JOB SAFETY MEETING
Pressure Test Lines
Start Fresh Ahead
Start Lead Cement
Start Tail Cement
Start Displacement
Bump plug to 740

RECEIVED
STATE CORPORATION COMMISSION
JAN 05 1996

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
			BBLs	DENSITY	BBLs	DENSITY
1.	575	1.89	50/50 Pz/c + 69% D20 + 39% SI + 5% D44 (RW) + 1/4 1/2 K D29			
2.	475	1.22	50/50 Pz/c + 25% SI + 1/4 1/2 K D29			
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 240 MIN:

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO 25' 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

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 7585 DATE 9-25-95
STAGE DS DISTRICT 0312

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

WELL NAME AND NO. **G Hestpie # 1-4**
 LOCATION (LEGAL)
 FIELD-POOL **HUGSTON**
 FORMATION **Chase**
 COUNTY/PARISH **Stevens**
 STATE **KS.** API. NO.

RIG NAME: **NORMAN RIG # 2**
 WELL DATA: **BOTTOM** TOP
 BIT SIZE **7 1/8** CSG/Liner Size **5 1/2**
 TOTAL DEPTH **49** WEIGHT **14**
 ROT CABLE FOOTAGE
 MUD TYPE GRADE **USS 50**
 BHST BHCT THREAD **8 Rd**
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) **28.97** TOTAL
 MUD VISC. Disp. Capacity **70.7**

NAME **Mobil**
 AND
 ADDRESS
 ZIP CODE

ORIGINAL

SPECIAL INSTRUCTIONS
SAFELY Cement 5 1/2 I.S. AS PER CUSTOMERS INSTRUCTIONS

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

Float	TYPE	AUTO FILL FLAPPER	Stage Tool	TYPE
	DEPTH	2897		DEPTH
SHOE	TYPE	CMT. NOSE	Stage Tool	TYPE
	DEPTH	2939		DEPTH

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE **1740** PSI CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT- PSI BUMP PLUG TO **no bump** PSI
 ROTATE RPM RECIPROCATATE FT No. of Centralizers

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

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 01:30	DATE: 9-25	TIME: 01:30	DATE: 9-25	TIME:	DATE:	
0001 to 2400											
04:02		2400		X			H2O	8.3	PRE-JOB SAFETY MEETING		
04:03		280	25	X	6.0		H2O	8.3	PRESSURE TEST		
04:08		340	108	25	6.0		CMT	11.5	START H2O		
04:26		170	44	133	6.0		CMT	14.8	START LEAD CMT		
04:34				177			H2O	8.3	START TAIL CMT		
04:37		280					H2O	8.3	SHUTDOWN - WASH PUMP & LINES		
04:37		100	71.5		6.0		H2O	8.3	DROP TOP PLUG		
04:44		500		41	6.0		H2O	8.3	START displacement		
04:45		790		62	5		H2O	8.3	LOWER RATE		
04:50		810		67	2		H2O	8.3	PSI CHECK		
04:53		860		71.5	2		H2O	8.3	BUMP FOR PLUG SHUTDOWN - AIR LEAK BUMP		
04:55									BLOW OUT CHECK FLAP RECEIVED		

STATE CORPORATION COMMISSION
 JAN 05 1996

REMARKS
 WILLIAMS, KANSAS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
							BBLs	DENSITY
1.		2.75	C + 3% D 79 + 0.2% D 46 + 1/4" / SK D 29				1052	11.5
2.								
3.		1.37	C + 2% B 28 + 2% S 1 + 0.2% D 46 + 0.6% D 60				44	11.9
4.								
5.								
6.								

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. 860 MIN: 100
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulation Test YES NO 30 Bbls.
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 71.5 Bbls
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT-
 WIRELINE TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER WILDCAT 61 SKS

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR
JEFF LASITER / Russell **2/2/2012**