FORM MUST BE TYPED **ORIGINAL** SIDE ONE

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: Norseman Drilling Inc.

License: 3779

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. ____

12-2-97 Spud Date | 12-7-97 Date Reached TD | 1-9-98 Completion Date

API NO. 15- 129-215430000

County Morton

____ - NW - SE - SE Sec. 30 Twp. 34 Rge. 39 X E W

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 W. H. Sullivan Well # 3

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3343 KB 3354

Total Depth 3010 PBTD 2956

Amount of Surface Pipe Set and Cemented at 1555 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, 5-21-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 1800 ppm Fluid volume 250 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name Mobil Oil Corporation

Lease Name ____ License No. 5208

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

County ____ Docket No. ____

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 3-30-98

Subscribed and sworn to before me this 30th day of March, 19 98.

Notary Public Lynn K. Hunt

Date Commission Expires February 20,2001

8-27.kcc

LYNN K. HUNT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-20-01

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)

RECEIVED
STATE CORPORATION COMMISSION
MAR 31 1998
CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (7-91)

SIDE TWO ORIGINAL

Operator Name Mobil Oil Corporation Lease Name W. H. Sullivan Unit Well # 3

Sec. 30 Twp. 34 Rge. 39 ☐ East ☒ West County Morton

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:
Array Induction/SP Gamma Ray
Compensated Neutron Litho Density
Natural Gamma Ray Spectrometry

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

Name	Top	Datum
Glorietta	--	--
Stone Corral	1754	1733
Chase	2575	2915
Council Grove	2915	--

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#	1555	Class C Class C	750 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	3000	Class C Class C	100 100	3% D79 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
2 SPF	2632-42	Acid: 1,000 gals 7.5% HCL	
	2674-84	Fracd: 34,000 gals WF130 in 75q foam	
	2760-70	124,480 lbs 16/30 sand	
	2810-20		

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

Date of First, Resumed Production, SWD or Inj. 1-13-98 Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		351			

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☒ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2632

☐ Other (Specify) 2820

RECEIVED
STATE CORPORATION COMMISSION

Schlumberger
Dowell

Cementing Service Report

ORIGINAL

15-129-21543

Customer	Job Number
MOBIL DRILLING	20032444

Well	Location (legal)	Dowell Location	Service Date
Sullivan W.H. Unit 3 3	sec 30-34s-39w	Ulysses, KS	11/25/97

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Hugoton	Dolomite	0 °	7.88 in	3,010 ft	3,010 ft

County	State/Province	BHP	BHST	BHCT	Pore Pross. Gradient
Morton	Ks	0 psi	0°F	0°F	0 psi/ft

Rig Name	Drilled For	Service Via
NORSEMAN 2	Gas	Land

Offshore Zone	Well Class	Well Type
	New	Exploration

Drilling Fluid Type	Max. Density	Plastic Viscosity
Bentonite	9.3 lb/gal	0 cp

Service Line	Job Type
Cementing	Cem Prod Casing

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
0 psi	0 psi	Single cement head

Service Instructions

cement and equipment to safely cement 5 1/2 casing as per customer's request.
Loc #64061 Acc. Code. 4903
I.D. LWLOVE
Field Est $5948.22

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
3001	5.5	14		
0	0	0		

Tubing/Drill Pipe

Depth,	Size, in	Weight, lb/ft	Grade	Thread
0	0	0		
0	0	0		

Perforations/Open Hole

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
0	0	0	0	0 ft
0	0	0	0	Diameter
0	0	0	0	0 in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	72.1 bbl		0 ft

Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol
0 bbl	73.2 bbl	0 bbl	0 bbl

Casing/Tubing Secured ☐ 1 Hole Volume Circulated prior to Cementing ☐

Lift Pressure: 565 psi

Pipe Rotated ☐ Pipe Reciprocated ☐

No. Centralizers: 10 Top Plugs: 1 Bottom Plugs: 0

Cement Head Type: Single

Job Scheduled For:	Arrived on Location:	Leave Location:
12/6/97 17:30	12/6/97 17:30	

Casing Tools

Shoe Type:	Guide
Shoe Depth:	3001 ft
Stage Tool Type	
Stage Tool Depth:	0 ft
Collar Type:	Auto-Fill
Collar Depth:	2956 ft

Squeeze Job

Squeeze Type	
Tool Type:	
Tool Depth:	0 ft
Tail Pipe Size:	0 in
Tail Pipe Depth:	0 ft
Sqz Total Vol:	0 bbl

Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	TotFlowrate bpm				Message
22:00	0	0	0	0	0	0	0	START ACQUISITION
22:00	466E-6	8.387	-2528E-12	2796E-5	0	0	0	
22:01	0	0	0	0	0	0	0	Pressure Test Lines
22:01	.0414	8.385	-2528E-12	5696E-5	0	0	0	
22:02	8249E-5	8.393	-2528E-12	5336E-5	0	0	0	
22:03	.2962	8.31	-2528E-12	.7874	0	0	0	
22:03	.7467	8.394	29.04	.8366	0	0	0	
22:04	1.114	7.766	1004	4821E-5	0	0	0	
22:05	1.126	2.575	1337	1863E-5	0	0	0	
22:05	0	0	0	0	0	0	0	Bleed Off Pressure
22:06	1.132	1.377	18.84	2137E-9	0	0	0	
22:06	0	0	0	0	0	0	0	Start Pumping Water
22:06	317E-13	1.206	1276E-7	1447E-14	0	0	0	
22:07	3.093	8.321	304.9	5.744	0	0	0	
22:08	7.411	8.288	298	5.712	0	0	0	
22:09	11.71	8.267	298.9	5.723	0	0	0	
22:09	16.01	8.238	298	5.669	0	0	0	
22:10	20.32	8.238	302.6	5.696	0	0	0	
22:11	24.61	8.155	310.3	5.703	0	0	0	
22:12	28.89	8.092	315.3	5.647	0	0	0	
22:12	0	0	0	0	0	0	0	[CumVol]=31.26 bbl

Well		Field		Service Date	Customer	Job Number
Sullivan W.H. Unit 3 #3		Hugoton		11/25/97	MOBIL DRILLING	20032444

Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	TotFlowrate bpm				Message
22:12	0	0	0	0	0	0	0	Reset Volume
22:12	0	0	0	0	0	0	0	Start Mixing Lead Slurry
22:13	1.824	8.19	302.3	5.719	0	0	0	
22:13	6.104	9.383	320.1	5.64	0	0	0	
22:14	9.856	10.62	231.6	3.901	0	0	0	
22:15	12.79	10.12	220	3.907	0	0	0	
22:16	15.74	11.39	227.2	3.895	0	0	0	
22:16	18.67	11.04	212.7	3.892	0	0	0	
22:17	21.6	11.29	206	3.868	0	0	0	
22:18	24.52	11.26	194.4	3.88	0	0	0	
22:19	27.45	10.94	182.3	3.885	0	0	0	
22:19	30.39	10.51	160	3.904	0	0	0	
22:20	32.93	11.87	133.2	3.189	0	0	0	
22:21	35.68	10.52	125.1	3.541	0	0	0	
22:22	38.33	11.31	124.5	3.533	0	0	0	
22:22	40.99	11.35	110.3	3.524	0	0	0	
22:23	43.67	11.51	102.3	3.545	0	0	0	
22:24	46.34	11.43	92.13	3.55	0	0	0	
22:25	49.02	11.34	78	3.542	0	0	0	
22:25	51.69	11.67	76.44	3.538	0	0	0	
22:26	54.37	11.55	73.75	3.548	0	0	0	
22:27	57.05	11.57	72.9	3.551	0	0	0	
22:28	59.72	11.4	72.82	3.564	0	0	0	
22:28	0	0	0	0	0	0	0	[CumVol]=61.4 bbl
22:28	0	0	0	0	0	0	0	Reset Volume
22:28	0	0	0	0	0	0	0	Start Mixing Tail Slurry
22:28	.9648	10.8	71.77	3.569	0	0	0	
22:29	3.652	11.87	77.36	3.558	0	0	0	
22:30	6.102	12.56	45	2.294	0	0	0	
22:31	7.799	14.53	50.83	2.24	0	0	0	
22:31	9.484	14.62	54.18	2.234	0	0	0	
22:32	11.17	14.77	54.52	2.235	0	0	0	
22:33	12.85	15.04	54.61	2.228	0	0	0	
22:34	14.53	14.98	54.61	2.231	0	0	0	
22:34	16.22	14.86	54.61	2.233	0	0	0	
22:35	17.9	14.74	53.12	2.224	0	0	0	
22:36	19.58	14.68	49.67	2.234	0	0	0	
22:37	21.29	14.9	50.28	2.228	0	0	0	
22:37	22.98	14.87	50.1	2.223	0	0	0	
22:38	24.66	14.61	50.68	2.233	0	0	0	
22:39	0	0	0	0	0	0	0	Shutdown
22:39	26.29	14.45	15.39	.9875	0	0	0	
22:39	0	0	0	0	0	0	0	[CumVol]=26.38 bbl
22:39	0	0	0	0	0	0	0	Reset Volume
22:44	1746E-7	8.64	3151E-8	9115E-12	0	0	0	
22:44	0	0	0	0	0	0	0	Drop Top Plug
22:45	0	0	0	0	0	0	0	Start Displacement
22:45	.1524	8.354	26.03	1.221	0	0	0	
22:46	3.723	8.868	118	5.524	0	0	0	
22:47	7.878	8.873	117.7	5.506	0	0	0	
22:47	12.04	9	113.3	5.491	0	0	0	
22:48	16.19	9.067	114.7	5.509	0	0	0	
22:49	20.34	9.083	115.9	5.484	0	0	0	

ORIGINAL

Well	Field	Service Date	Customer	Job Number
Sullivan W.H. Unit 3 #3	Hugoton	11/25/97	MOBIL DRILLING	20032444

Time (24 hr clock)	CumVol (bbl)	Density (ppg)	Pressure U1 (psi)	TotFlowrate (bpm)				Message
22:50	24.47	8.947	114.9	5.48	0	0	0	
22:50	28.6	9.051	114.8	5.487	0	0	0	
22:51	32.75	9.057	114.6	5.472	0	0	0	
22:52	36.88	9.078	113.6	5.49	0	0	0	
22:53	41.01	9.128	151.7	5.462	0	0	0	
22:53	45.14	9.127	193.4	5.453	0	0	0	
22:54	49.25	9.16	271.3	5.443	0	0	0	
22:55	53.33	9.188	333.5	5.381	0	0	0	
22:56	57.39	9.064	421	5.378	0	0	0	
22:56	61.44	9.208	473.7	5.349	0	0	0	
22:57	65.48	9.118	575.9	5.355	0	0	0	
22:57	0	0	0	0	0	0	0	Lower Pump Rate
22:58	68.88	9.213	478.6	2.645	0	0	0	
22:59	70.71	9.134	526.7	2.347	0	0	0	
22:59	0	0	0	0	0	0	0	Psi. check
22:59	72.46	9.132	541.5	2.295	0	0	0	
23:00	74.17	9.277	690.7	1.692	0	0	0	
23:01	74.29	9.201	960.7	9718E-5	0	0	0	
23:01	0	0	0	0	0	0	0	Bump Top Plug
23:02	74.31	9.15	1039	3612E-9	0	0	0	
23:03	74.31	9.047	748.1	2447E-14	0	0	0	

ORIGINAL

Post Job Summary

Average Pump Rates, bpm

Slurry	N2	Mud	Maximum Rate
3	0	0	5.7

Volume of Fluid Injected, bbl

Total Slurry	Mud	Spacer	N2
86	0	30	0

Treating Pressure Summary, psi

Maximum	Final	Average	Bump Plug to	Breakdown
565	1035	100	1035	0

Breakdown Fluid

Type	Volume	Density
	0 bbl	0 lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement
0 %	0 bbl	72 bbl

☐ Cement Circulated to Surface? Volume 0 bbl

☐ Washed Thru Perfs To 0 ft

Customer or Authorized Representative	Dowell Supervisor		
Larry Love	Charley King	☐ CirculationLost	☑ Job Completed

RECEIVED
MAR 3 1 1998
KCC WICHITA
Wichita, Kansas

Schlumberger
Dowell

Cementing Service Report

ORIGINAL

Customer	Job Number
MOBIL DRILLING	20032443

Well	Location (legal)	Dowell Location	Service Date
SULLIVAN W H UNIT 3	30, 34S, 39W	Ulysses, KS	11/25/97

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
HUGOTON	Dirty-Sandstone	0 °	12.3 in	1,560 ft	1,560 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
Morton	KS	0 psi	0 °F	0 °F	0 psi/ft

Rig Name	Drilled For	Service Via
NORSEMAN 2	Gas	Land

Offshore Zone	Well Class	Well Type
	New	Development

Drilling Fluid Type	Max. Density	Plastic Viscosity
Bentonite	9.2 lb/gal	0 cp

Service Line	Job Type
Cementing	Cem Surface Casing

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
1500 psi	1500 psi	Single cement head

Service Instructions

SAFELY CEMENT 8 5/8 SURFACE CASING AS CUSTMER REQUEST.
LOC. 64061
ACC. 4903
I.D. LWLOVE FIELD EST. $ 13473.54

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
1555	8.63	24	USS50	STC
0	0	0		

Tubing/Drill Pipe

Depth,	Size, in	Weight, lb/ft	Grade	Thread
0	0	0		
0	0	0		

Perforations/Open Hole

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
0	0	0	0	0 ft
0	0	0	0	Diameter
0	0	0	0	0 in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	97 bbl		0 ft

Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol
0 bbl	99.3 bbl	0 bbl	0 bbl

Casing/Tubing Secured ☑ 1 Hole Volume Circulated prior to Cementing ☐

Lift Pressure: 650 psi

Pipe Rotated ☐ Pipe Reciprocated ☐

No. Centralizers: 0 Top Plugs: 1 Bottom Plugs: 0

Cement Head Type: Single

Job Scheduled For:	Arrived on Location:	Leave Location:
12/3/97 19:30	12/3/97 19:00	12/4/97 1:30

Casing Tools

Shoe Type:	Guide
Shoe Depth:	1555 ft
Stage Tool Type	
Stage Tool Depth:	0 ft
Collar Type:	Auto-Fill
Collar Depth:	1522 ft

Squeeze Job

Squeeze Type	
Tool Type:	
Tool Depth:	0 ft
Tail Pipe Size:	0 in
Tail Pipe Depth:	0 ft
Sqz Total Vol:	0 bbl

Time (24 hr clock)	CumVol (bbl)	Density (ppg)	Pressure U1 (psi)	TotFlowrate (bpm)				Message
22:48	0	0	0	0	0	0	0	START ACQUISITION
22:48	0	-6.25	-3614	0	0	0	0	
22:49	0	0	0	0	0	0	0	Pressure Test Lines
22:49	.3137	8.385	1354	1277E-7	0	0	0	
22:51	.3137	8.356	18.59	2198E-17	0	0	0	
22:52	0	0	0	0	0	0	0	Start Job
22:52	0	0	0	0	0	0	0	Start Pumping Water
22:52	2.799	8.258	110	4.186	0	0	0	
22:54	8.754	8.364	118.2	4.182	0	0	0	
22:55	14.7	8.385	133.4	4.165	0	0	0	
22:57	20.64	8.363	145.5	4.169	0	0	0	
22:58	0	0	0	0	0	0	0	Reset Volume
22:58	0	0	0	0	0	0	0	[CumVol]=24.64 bbl
22:58	0	0	0	0	0	0	0	Start Mixing Lead Slurry
22:58	1.883	12.56	193.3	4.173	0	0	0	
22:59	7.773	12.38	179.4	3.98	0	0	0	
23:01	13.43	13.08	170.1	3.968	0	0	0	
23:02	19.1	12.57	151.3	3.971	0	0	0	
23:04	24.75	12.75	139.5	3.972	0	0	0	
23:05	30.42	12.95	130.7	3.97	0	0	0	
23:07	36.08	12.28	116.6	3.979	0	0	0	
23:08	41.74	12.79	105.8	3.98	0	0	0	

Well		Field		Service Date	Customer	Job Number
SULLIVAN W H UNIT #3		HUGOTON		11/25/97	MOBIL DRILLING	20032443

Time 24 hr clock	CumVol bbl	Density ppg	Pressure U1 psi	TotFlowrate bpm				Message
23:09	47.41	13.05	90.62	3.967	0	0	0	
23:11	53.07	12.94	84.81	3.975	0	0	0	
23:12	58.73	13.13	85.36	3.973	0	0	0	
23:14	64.39	12.94	86.57	3.971	0	0	0	
23:15	70.06	12.17	72.06	3.783	0	0	0	
23:17	74.5	12.03	47.92	2.72	0	0	0	
23:18	79.13	12.51	81.89	3.971	0	0	0	
23:19	84.79	12.56	86.34	3.974	0	0	0	
23:21	90.46	12.86	83.41	3.974	0	0	0	
23:22	96.11	12.85	80.69	3.975	0	0	0	
23:24	101.8	12.97	81.68	3.971	0	0	0	
23:25	107.4	12.68	79.12	3.968	0	0	0	
23:27	113.1	12.78	73.09	3.971	0	0	0	
23:28	118.8	13.17	77.93	3.976	0	0	0	
23:29	124.4	12.62	78.2	3.971	0	0	0	
23:31	130.1	13.13	77.26	3.975	0	0	0	
23:32	135.8	13.04	78.35	3.971	0	0	0	
23:34	141.4	12.92	76.47	3.971	0	0	0	
23:35	147.1	12.94	70.42	3.977	0	0	0	
23:37	152.8	12.58	70.77	3.967	0	0	0	
23:38	158.4	13.08	78.85	3.971	0	0	0	
23:39	164.1	13.09	82.09	3.975	0	0	0	
23:41	169.7	12.67	74.11	3.969	0	0	0	
23:42	175.4	12.7	77.91	3.971	0	0	0	
23:44	180.2	12.1	18.67	1.721	0	0	0	
23:45	183.2	12.81	55.24	2.718	0	0	0	
23:46	187.1	13.2	68.82	2.72	0	0	0	
23:48	191	12.67	85.19	2.721	0	0	0	
23:49	194.9	13.13	98.76	2.719	0	0	0	
23:51	199.5	13.51	157.8	3.977	0	0	0	
23:52	205.2	12.8	169.9	3.969	0	0	0	
23:54	210.8	12.41	188.8	3.978	0	0	0	
23:55	216.5	12.55	180.3	3.967	0	0	0	
23:56	222.1	13.3	202.9	3.97	0	0	0	
23:58	227.8	12.65	202.3	3.978	0	0	0	
23:59	233.4	12.67	207.7	3.971	0	0	0	
0:01	239.1	12.6	212.9	3.974	0	0	0	
0:02	244.8	12.84	217.6	3.969	0	0	0	
0:04	250.5	12.8	217.9	3.976	0	0	0	
0:04	0	0	0	0	0	0	0	End Lead Slurry
0:04	0	0	0	0	0	0	0	Start Mixing Tail Slurry
0:06	0	0	0	0	0	0	0	START ACQUISITION
0:06	.3328	14.83	222.7	3.973	0	0	0	
0:07	5.17	15.01	166.4	2.718	0	0	0	
0:09	9.043	14.64	160.8	2.719	0	0	0	
0:10	12.92	14.68	147.9	2.719	0	0	0	
0:11	16.79	14.61	144.9	2.719	0	0	0	
0:13	20.67	14.88	140.8	2.714	0	0	0	
0:14	24.59	15.97	133.6	2.718	0	0	0	
0:16	28.46	14.9	130.2	2.719	0	0	0	
0:16	0	0	0	0	0	0	0	End Tail Slurry
0:16	0	0	0	0	0	0	0	[CumVol]=29.89 bbl
0:16	0	0	0	0	0	0	0	Reset Volume
0:16	0	0	0	0	0	0	0	Shutdown

ORIGINAL

Well	Field	Service Date	Customer	Job Number
SULLIVAN W H UNIT #3	HUGOTON	11/25/97	MOBIL DRILLING	20032443

Time (24 hr clock)	CumVol (bbl)	Density (ppg)	Pressure U1 (psi)	TotFlowrate (bpm)				Message
0:17	0	0	0	0	0	0	0	Drop Top Plug
0:17	0	0	0	0	0	0	0	Start Displacement
0:17	3559E-6	14.01	43.51	1173E-9	0	0	0	
0:19	3559E-6	14.07	18.19	202E-18	0	0	0	
0:20	4.194	9.243	216.7	4.271	0	0	0	
0:21	10.03	8.415	234.5	3.426	0	0	0	
0:23	14.9	8.211	248.3	3.413	0	0	0	
0:24	19.78	8.181	253.2	3.423	0	0	0	
0:26	24.66	8.23	262.4	3.426	0	0	0	
0:27	29.52	8.347	270.9	3.41	0	0	0	
0:29	34.38	8.36	284.7	3.407	0	0	0	
0:30	39.24	8.273	300.3	3.406	0	0	0	
0:31	44.1	8.265	322.3	3.417	0	0	0	
0:33	48.96	8.366	343.5	3.4	0	0	0	
0:34	53.81	8.221	368.8	3.407	0	0	0	
0:36	58.74	8.094	400	3.473	0	0	0	
0:36	0	0	0	0	0	0	0	Returns at Surface
0:37	63.67	8.198	429.8	3.455	0	0	0	
0:38	68.59	8.113	454.9	3.455	0	0	0	
0:40	73.52	8.194	470.5	3.453	0	0	0	
0:41	78.44	7.757	486.6	3.45	0	0	0	
0:43	83.36	8.077	519.5	3.451	0	0	0	
0:44	88.27	7.239	524.3	3.44	0	0	0	
0:46	93.2	7.148	541.1	3.46	0	0	0	
0:47	98.11	7.518	556.8	3.446	0	0	0	
0:48	103	7.05	588.3	3.451	0	0	0	
0:50	107.9	7.949	615.2	3.439	0	0	0	
0:51	112.3	6.833	630.6	2.918	0	0	0	
0:52	0	0	0	0	0	0	0	Bump Top Plug
0:53	113.4	.9108	1628	7091E-11	0	0	0	
0:54	113.4	.2785	18.18	1221E-20	0	0	0	
0:54	0	0	0	0	0	0	0	End Job

ORIGINAL

Post Job Summary

Average Pump Rates, bpm

Slurry	N2	Mud	Maximum Rate
3	0	0	4

Volume of Fluid Injected, bbl

Total Slurry	Mud	Spacer	N2
284	0	25	0

Treating Pressure Summary, psi

Maximum	Final	Average	Bump Plug to	Breakdown
1628	1628	300	1628	0

Breakdown Fluid

Type	Volume	Density
	0 bbl	0 lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement
0 %	0 bbl	94 bbl

☑ Cement Circulated to Surface? Volume 45 bbl

☐ Washed Thru Perfs To 0 ft

Customer or Authorized Representative	Dowell Supervisor		
LARRY LOVE	Jeffrey Dutton	☐ CirculationLost	☑ Job Completed

MAR 3 1

CONSERVATION DIVISION
Wichita, Kansas