

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

9-25-97 9-30-97 10-20-97
Spud Date Date Reached TD Completion Date

API NO. 15- 129-215250000

County Morton

SW - NE - NE Sec. 19 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 Dorth #1 Unit Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3334 KB 3342

Total Depth 2904 PBTD 2860

Amount of Surface Pipe Set and Cemented at 614 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 A.H.1, 4-23-98 V.C.
(Data must be collected from the Reserve Pit)

Chloride content 6,000 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

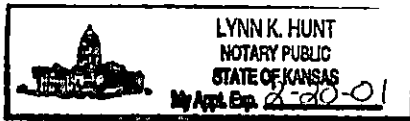
Title Regulatory Assistant Date 12-18-97

Subscribed and sworn to before me this 18th day of December, 19 97.

Notary Public Lynn K. Hunt

Date Commission Expires February 20, 2001
7-106.kcc

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)



Operator Name Mobil Oil Corporation Lease Name Dorth #1 Unit Well # 2
 Sec. 19 Twp. 34 Rge. 39 East County Morton
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum
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 (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
List All E.Logs Run:	NO LOGS RUN	

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#	614	Class C Class C	200 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2894	Class C Class C	250 100	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					

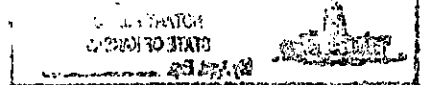
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	2617-2632	Acid: 1,000 gals 7.5% HCL	
	2658-2673	Fracd: 33,000 gals WF130 in 70q foam	
		93,060 lbs 16/30 sand	

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. 10-28-97			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 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		170			

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: _____ 2617 _____ 2673



Well		Field				Service Date	Customer	Job Number
DORTH UNIT #1 #2		HUGOTON				9/17/97	MOBIL OIL CORP V39060075	20019455
Time	CumVol	Density	Pressure UI	Temp				Message
24 hr clock	bbt	ppg	psi	deg				
21:42	0	0	0	0	0	0	0	Reset Volume
21:42	0	0	0	0	0	0	0	Start Mixing Lead Slurry
21:42	1.914	10.7	178.8	5.717	0	0	0	
21:43	4.784	12.49	212.2	5.706	0	0	0	
21:43	7.657	12.63	238.2	5.711	0	0	0	
21:44	10.54	12.35	215	5.71	0	0	0	
21:44	13.41	12.82	214.9	5.716	0	0	0	
21:45	16.28	13.13	212.8	5.709	0	0	0	
21:45	19.16	12.76	188.4	5.711	0	0	0	
21:46	22.03	12.9	170.2	5.711	0	0	0	
21:46	24.91	13.13	168.9	5.713	0	0	0	
21:47	27.78	12.78	155.6	5.711	0	0	0	
21:47	30.66	12.83	154.5	5.71	0	0	0	
21:48	33.53	12.71	147.6	5.708	0	0	0	
21:48	36.4	12.98	157.4	5.72	0	0	0	
21:49	39.29	12.74	150.8	5.718	0	0	0	
21:49	42.16	13.24	156.7	5.711	0	0	0	
21:50	45.03	12.66	147.9	5.72	0	0	0	
21:50	47.9	12.81	144.3	5.711	0	0	0	
21:51	50.77	12.87	146.5	5.718	0	0	0	
21:51	53.66	12.87	148.9	5.709	0	0	0	
21:52	56.53	13.02	150.2	5.716	0	0	0	
21:52	59.4	12.95	146.7	5.711	0	0	0	
21:53	62.27	12.93	139.7	5.711	0	0	0	
21:53	65.14	12.78	137.1	5.71	0	0	0	
21:54	68.03	13.14	140.2	5.716	0	0	0	
21:54	0	0	0	0	0	0	0	[CumVol]=69.37 bbl
21:54	0	0	0	0	0	0	0	Reset Volume
21:54	0	0	0	0	0	0	0	Start Mixing Tail Slurry
21:54	1.435	13.89	150.8	5.706	0	0	0	
21:55	4.306	14.62	150.7	5.717	0	0	0	
21:55	7.178	14.81	196.8	5.711	0	0	0	
21:56	10.05	14.28	187	5.711	0	0	0	
21:56	12.93	14.63	199.2	5.711	0	0	0	
21:57	15.8	14.63	193.7	5.71	0	0	0	
21:57	18.68	14.74	204.6	5.711	0	0	0	
21:58	21.56	14.51	183.6	5.711	0	0	0	
21:58	24.42	14.85	193.6	5.717	0	0	0	
21:59	27.29	14.51	180.8	5.712	0	0	0	
21:59	30.18	14.69	170.1	5.711	0	0	0	
22:00	0	0	0	0	0	0	0	Shutdown
22:00	32.27	15.21	31.15	363	0	0	0	
22:00	0	0	0	0	0	0	0	[CumVol]=32.28 bbl
22:00	0	0	0	0	0	0	0	Reset Volume
22:00	0	0	0	0	0	0	0	Drop Top Plug
22:00	0	0	0	0	0	0	0	Start Displacement
22:00	8334E-7	15.24	-21.44	13E-5	0	0	0	
22:01	8406E-7	15.21	-14.03	4654E-11	0	0	0	
22:01	8406E-7	15.16	-16.62	1666E-14	0	0	0	
22:02	8406E-7	15.14	-13.73	5965E-18	0	0	0	
22:02	2738E-5	14.67	7.678	8267	0	0	0	
22:03	2.401	10.38	135.1	5.709	0	0	0	
22:03	5.273	8.762	69.06	5.718	0	0	0	

ORIGINAL

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Well		Field		Service Data		Customer		Job Number	
DORTH UNIT #1 #2		HUGOTON		9/17/97		MOBIL OIL CORP V39050075		20019455	
Time	Current	Density	Pressure #1	Total Flowrate				Message	
24 hr clock	bbf	ppg	psi	gpm					
22:04	8.155	8.484	66.74	5.717	0	0	0		
22:04	11.03	8.317	76.24	5.717	0	0	0		
22:05	0	0	0	0	0	0	0	Returns at Surface	
22:05	13.9	8.199	87.11	5.71	0	0	0		
22:05	0	0	0	0	0	0	0	26bbf/77 sks returned	
22:05	16.77	8.39	109.4	5.707	0	0	0	ORIGINAL	
22:05	19.64	8.399	132.8	5.709	0	0	0		
22:06	22.51	8.379	160.2	5.71	0	0	0		
22:07	25.39	8.321	186	5.71	0	0	0		
22:07	0	0	0	0	0	0	0	Lower Pump Rate	
22:07	27.42	8.225	129.2	1.912	0	0	0		
22:08	28.35	8.317	135.8	1.848	0	0	0		
22:08	29.28	8.296	146.8	1.855	0	0	0		
22:09	30.2	7.676	155.4	1.846	0	0	0		
22:09	31.14	7.675	161.8	1.855	0	0	0		
22:10	32.06	7.749	163.1	1.845	0	0	0		
22:10	32.99	7.748	169.2	1.845	0	0	0		
22:11	33.92	7.745	175.4	1.845	0	0	0		
22:11	34.85	7.746	182.6	1.845	0	0	0		
22:12	35.4	7.73	179.5	.73	0	0	0		
22:12	0	0	0	0	0	0	0	Psi. check	
22:12	35.77	7.73	184.7	.727	0	0	0		
22:13	36.13	7.734	189	.7265	0	0	0		
22:13	36.5	7.734	192	.7162	0	0	0		
22:14	36.84	7.033	188.6	.2634	0	0	0		
22:14	36.9	9517E-5	182.5	.2852	0	0	0		
22:15	37.21	9158E-5	199.1	.7207	0	0	0		
22:15	37.57	9158E-5	199.6	.713	0	0	0		
22:16	37.73	9163E-5	629.2	4287E-6	0	0	0		
22:16	37.73	9158E-5	632.9	1536E-9	0	0	0		
22:17	37.73	9158E-5	636.9	5496E-13	0	0	0		
22:17	0	0	0	0	0	0	0	Bump Top Plug	
22:17	0	0	0	0	0	0	0	Psi. check	
22:17	37.73	.4931	473.6	1968E-16	0	0	0		
22:18	0	0	0	0	0	0	0	Bleed Off Pressure	
22:18	0	0	0	0	0	0	0	End Job	

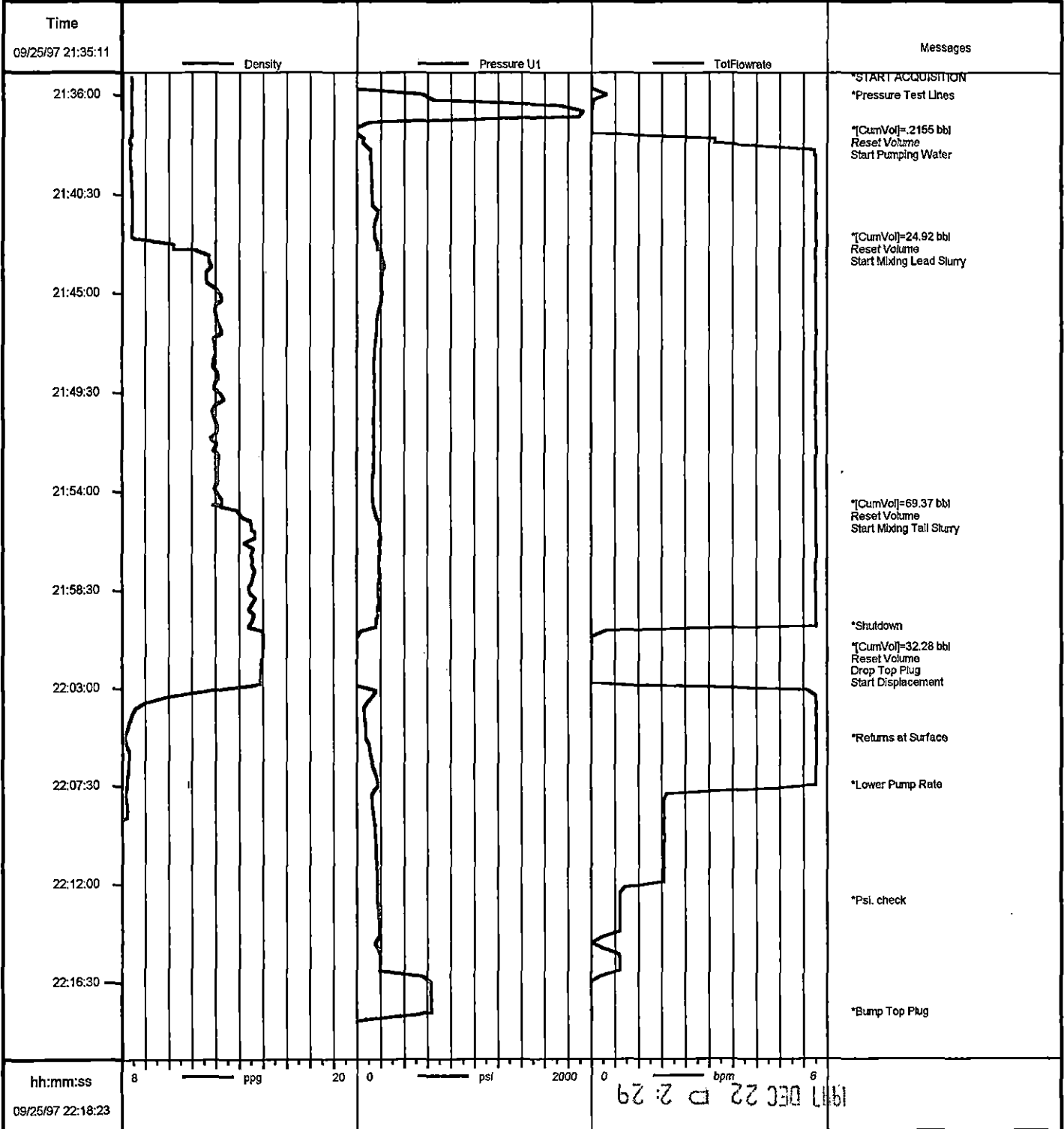
Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
4.5	0	0	5.7	101	0	25	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Type	Volume	Density	
175	630	50	0		0 bbl	0 lb/gal	
Avg. N2 Percent	Designed Slurry Volume		Displacement		Total Volume		
0 %	0 bbl		36.5 bbl		77.5 bbl 26 ✓		
Customer or Authorized Representative				Dowell Supervisor			
Jeff Lasiter				Charley King			
				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			

RECEIVED
 KANSAS CORP COMM
 1997 DEC 22 2:29

Well	Dorth 1-2	Client	Mobil
Field	Hugoton	SIR No.	20019455
Country	USA	Job Date	9/25/97 9:35:11 PM

ORIGINAL

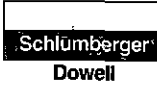


Job: mobil
09/25/1997 22:22

* Mark of Schlumberger

RECEIVED
KANSAS CORP COMM

CEMENTING SERVICE REPORT



TREATMENT NUMBER: 01-
 DATE: 9-30-97
 STAGE: 1 DS DISTRICT: KANSAS 2054

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

WELL NAME AND NO. Dorth # 1-2
 LOCATION (LEGAL) SEC.
 FIELD-POOL Hugoton
 FORMATION CHASE
 COUNTY/PARISH Morton
 STATE KANSAS API. NO.

RIG NAME: Noxman # 4
 WELL DATA: BOTTOM TOP
 BIT SIZE 7 1/8 CSG/Liner Size 5 1/2
 TOTAL DEPTH 304 WEIGHT 14
 ROT CABLE FOOTAGE 2882
 MUD TYPE GRADE
 BHST BHCT THREAD
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S)
 MUD VISC. Disp. Capacity

NAME Mobil E+P - US Inc.
 AND
 ADDRESS
 ZIP CODE

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
 Float TYPE DEPTH 2841
 Shoe TYPE DEPTH 2894

SPECIAL INSTRUCTIONS Cement 5 1/2 casing as instructed
ORIGINAL

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE WEIGHT TOOL TYPE DEPTH
 Single GRADE TAIL PIPE: SIZE DEPTH
 Swage THREAD TUBING VOLUME Bbls
 Knockoff NEW USED CASING VOL. BELOW TOOL Bbls
 BOT OR CW DEPTH TOTAL Bbls
 ROTATE RPM RECIPROCAT FT No. of Centralizers 15 ANNUAL VOLUME Bbls

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 1705 PSI CASING WEIGHT + SURFACE AREA 40708 (3.14 x R² x L)
 PRESSURE LIMIT 2205 PSI BUMP PLUG TO 300 OUSY PSI

JOB SCHEDULED FOR TIME: 11:00 AM DATE: 9-30 ARRIVE ON LOCATION TIME: 13:30 DATE: 9-30 LEFT LOCATION TIME: DATE: 9-30

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								
1705								PRE-JOB SAFETY MEETING
1718								Pressure Test to 2500 PSI
1719		268	25		5.5	Water	8.34	Start Pumping Water
1724		260	122	25	5.5	Lead	11.5	Start Lead Cement
1746		110	24	147	5.5	Tail	14.8	End Lead Start Tail Slurry
1746		30		171	0			End Cement
1747			1					Wash out line
1749		0	69		4	Water	8.34	Drop Plug Start Displacement
1809		468		59	2			Lower Pump Rates
1813		1680		69				Bump Plug
1814		0		69				Bleed off Pressure Float Working
								Job Complete

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK.	COMPOSITION OF CEMENTING SYSTEMS					SLURRY MIXED	
			BLS	DENSITY	BLS	DENSITY	BLS	DENSITY	
1.	250	2.75	Class C w/ 3% U19	2% D16	5 1/2 SK D25	122	11.5		
2.	100	1.37	Class C w/ 2% B28	7% S1	1.6% D16 5 1/2 D25	20	14.8		
3.									
4.									
5.									
6.									

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. MIN.
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls.
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 69 Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 WASHED THRU PERFS YES NO TO FT. MEASURED DISPLACEMENT WIRELINE GAS INJECTION WILDCAT
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE M. MARVIN HARVEY DS SUPERVISOR M. R. HARVEY

Schlumberger
Dowell

Cementing Service Report

ORIGINAL

Customer: MOBIL OIL CORP V390500757A
Job Number: 20019460

Well: DORTH UNIT #1 2		Location (legal): 19, 34S, 39W		Dowell Location: Ulysses, KS		Service Date: 9/17/97	
Field: HUGOTON		Formation Name/Type: CHASE		Deviation: 0 °		Well MD: 2,904 ft	
County: Stevens		State/Province: KS		BHP: 2037 psi		BHST: 100 °F	
BHCY: 100 °F		Poro Press. Gradient: 0 psi/ft					
Rig Name: NORSMAN #4		Drilled For: Gas		Service Via: Land		Casing/Liner	
Water Depth: 0		Well Class: 101		Well Type: Development		Depth, ft: 2892	
						Size, in: 5.5	
						Weight, lb/ft: 14	
						Grade: J55	
						Thread:	
Drilling Fluid Type: Bentonite		Max. Density: 10 lb/gal		Plastic Viscosity: 30 cp		Tubing/Drill Pipe	
						Depth, ft: 0	
						Size, in: 0	
						Weight, lb/ft: 0	
						Grade:	
						Thread:	
Service Line: Cementing		Job Type: Cem Prod Casing				Perforations/Open Hole	
Max. Allowed Tubing Pressure: 2200 psi		Max. Allowed Ann. Pressure: 2030 psi		Wellhead Connection: CEMENT HEAD		Top, ft: 0	
						Bottom, ft: 0	
						spf: 0	
						No. of Shots: 0	
						Total Interval: 0 ft	
						Diameter: 0 in	
						Packer Depth: 0 ft	
						Open Hole Vol: 2 bbl	
						Casing Vol: 69 bbl	
						Annular Vol: 90 bbl	
						Treat Down: 0 bbl	
						Displacement: 60 bbl	
						Packer Type:	
						Casing Tools	
						Squeeze Job	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>				Shoe Type: Guide	
Lift Pressure: 1705 psi						Squeeze Type:	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth: 2894 ft	
No. Centralizers: 15		Top Plugs: 1		Bottom Plugs: 0		Tool Type:	
Cement Head Type: Single						Stage Tool Type:	
Job Scheduled For: 9/30/97 13:30		Arrived on Location: 9/30/97 14:15		Leave Location: 9/30/97 14:15		Tool Depth: 0 ft	
						Stage Tool Depth: 0 ft	
						Tail Pipe Size: 0 in	
						Cellar Type: Float	
						Tail Pipe Depth: 0 ft	
						Cellar Depth: 2847 ft	
						Sqz Total Vol: 0 bbl	
Post Job Summary							
Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry		N2		Mud		Spacer	
4.5		0		0		0	
Maximum Rate: 5.5				Total Slurry: 146			
				Mud: 0			
				Spacer: 0			
				N2: 0			
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum		Final		Average		Volume	
0		0		0		0 bbl	
Burr Plug to		Breakdown		Density: 0 lb/gal			
0		0					
Avg. N2 Percent: 0 %		Designed Slurry Volume: 0 bbl		Displacement: 69 bbl		Cement Circulated to Surface? Volume: 0 bbl	
						Washed Thru Perfs To: 0 ft	
Customer or Authorized Representative: MARVIN HARVEY				Dowell Supervisor: M.R.HARVEY			
				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>	

1997 DEC 22 2:29 PM
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Job Administration Data

ORIGINAL

Client
Client Rep.
Well Name
Field Name
Rig Name
Rig Contractor
Contractor Rep.
Serv. Location
Dowell Engineer
Dowell Phone
Acq. Front End

Start Date
End Date
SIR Number
Description

MOBIL OIL CO
MR.MARVIN HARVEY
DORTH UNIT 1-2
HUGOTON

NORSMAN #4

ULYSSES
M.R.HARVEY
316-356-1272
1 JAB/Hybrid RDA - 1 Cement
Unit
09/30/1997 17:14:45
09/30/1997 18:16:04
2001-9460
LONGSTRING

15-129-21525

Channels Description

Channel	Description	Minimum	Maximum	Unit
Acquisition Time	Acquisition time	09/30/1997 17:14:46	09/30/1997 18:15:59	
CumVol	Cumulative Volume	0	145	bbl
Density	Micromotion DS300S NRD 0 to 25 ppg	-6.25	15.27	ppg
Pressure UI	Viatran 500 Pressure Transducer 4-20mA 0-15 kpsi	-3750	2651	psi
TotFlowrate	Total Flowrate	0	5.694	bpm

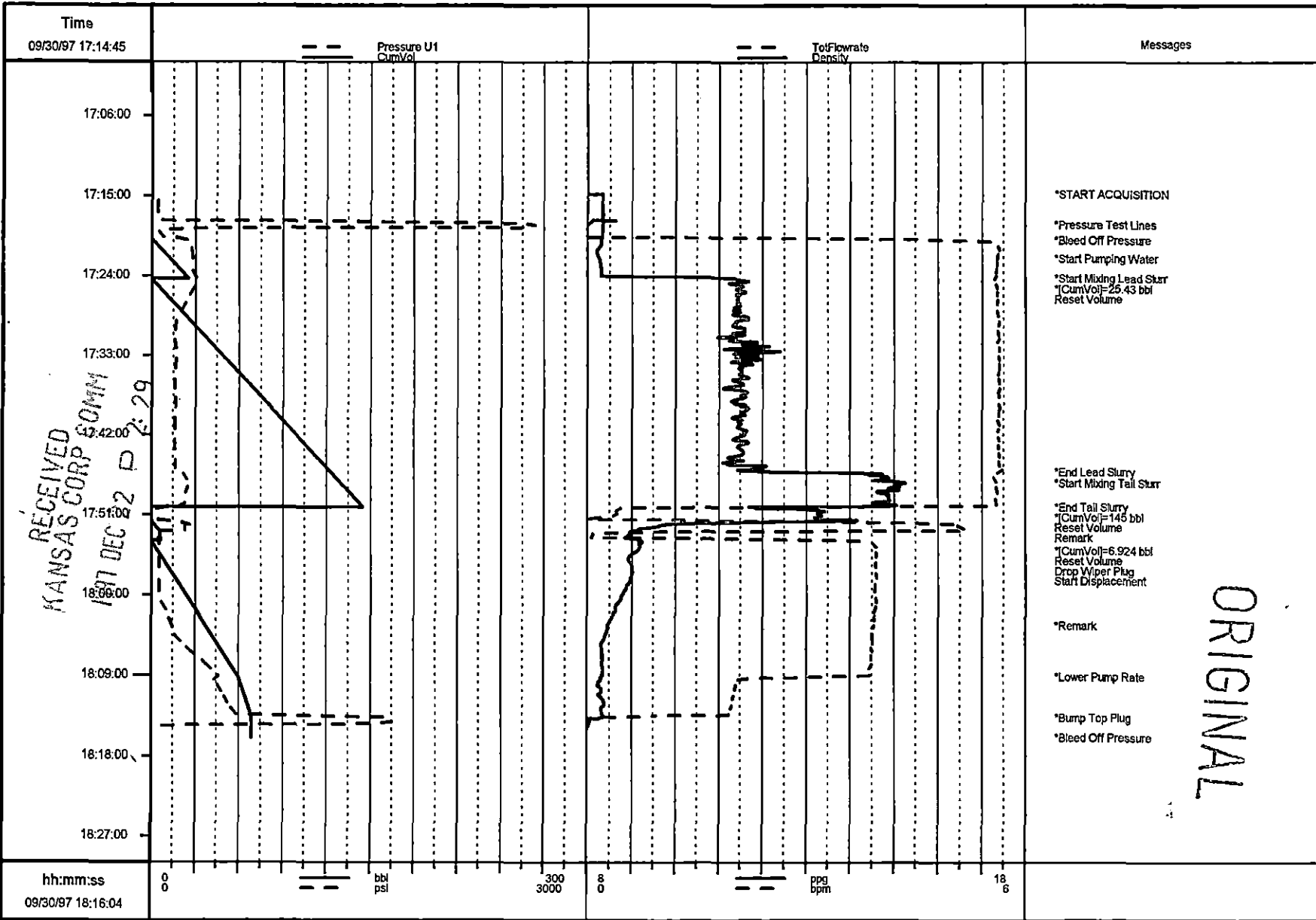
Acquisition Data

Acquisition Time	CumVol	Density	Pressure UI	TotFlowrate	Messages
09/30/1997 17:14:45	-	-	-	-	START ACQUISITION
09/30/1997 17:14:46	0	-6.25	-3750	0	
09/30/1997 17:15:46	2014E-5	8.334	45.81	1158E-10	
09/30/1997 17:16:47	2014E-5	8.338	45.79	1485E-17	
09/30/1997 17:17:47	3444E-5	8.337	218.8	3931	
09/30/1997 17:18:10	-	-	-	-	Pressure Test Lines
09/30/1997 17:18:48	6008E-5	8.337	97.75	3606E-10	
09/30/1997 17:18:48	-	-	-	-	Bleed Off Pressure
09/30/1997 17:19:46	-	-	-	-	Start Pumping Water
09/30/1997 17:19:48	.4152	8.321	205.3	3.459	
09/30/1997 17:20:48	5.834	8.274	275.1	5.628	
09/30/1997 17:21:49	11.5	8.254	283.5	5.614	
09/30/1997 17:22:49	17.14	8.3	286.1	5.602	
09/30/1997 17:23:50	22.79	8.308	283.9	5.595	
09/30/1997 17:24:15	-	-	-	-	Start Mixing Lead Slurry
09/30/1997 17:24:19	-	-	-	-	[CumVol]=25.43 bbl
09/30/1997 17:24:19	-	-	-	-	Reset Volume
09/30/1997 17:24:50	2.903	11.24	305.7	5.596	
09/30/1997 17:25:50	8.552	11.59	280.1	5.611	

Acquisition Time	CumVol	Density	Pressure U1	TotFlowrate	Messages
09/30/1997 17:26:51	14.2	11.45	246.4	5.623	
09/30/1997 17:27:51	19.84	11.36	212.6	5.617	
09/30/1997 17:28:52	25.51	11.68	183.5	5.632	
09/30/1997 17:29:52	31.17	11.56	162.6	5.616	
09/30/1997 17:30:52	36.85	11.01	160.9	5.651	
09/30/1997 17:31:53	42.51	11.88	164.8	5.61	
09/30/1997 17:32:53	48.19	11.72	160.8	5.658	
09/30/1997 17:33:53	53.88	11.77	166.6	5.647	
09/30/1997 17:34:54	59.55	11.52	164.8	5.629	
09/30/1997 17:35:54	65.23	11.42	163.4	5.646	
09/30/1997 17:36:55	70.9	11.52	161.5	5.627	
09/30/1997 17:37:55	76.57	11.44	164.8	5.644	
09/30/1997 17:38:55	82.25	11.68	167.5	5.637	
09/30/1997 17:39:56	87.93	11.37	165	5.631	
09/30/1997 17:40:56	93.6	11.45	164.8	5.645	
09/30/1997 17:41:56	99.26	11.6	165	5.62	
09/30/1997 17:42:57	104.9	11.6	167	5.624	
09/30/1997 17:43:57	110.6	11.57	165.2	5.626	
09/30/1997 17:44:57	116.3	11.39	165.3	5.628	
09/30/1997 17:45:58	122	11.54	162.6	5.694	
09/30/1997 17:46:06	-	-	-	-	End Lead Slurry
09/30/1997 17:46:15	-	-	-	-	Start Mixing Tail Slurry
09/30/1997 17:46:58	127.6	14.77	244.1	5.581	
09/30/1997 17:47:59	133.2	14.9	248.1	5.609	
09/30/1997 17:48:59	138.9	14.9	246.8	5.596	
09/30/1997 17:49:59	144.5	14.8	204.8	4.826	
09/30/1997 17:50:04	-	-	-	-	End Tail Slurry
09/30/1997 17:50:08	-	-	-	-	[CumVol]=145 bbl
09/30/1997 17:50:08	-	-	-	-	Reset Volume
09/30/1997 17:50:13	-	-	-	-	Remark
09/30/1997 17:51:00	378.8	13.31	36.63	4013	
09/30/1997 17:52:00	1189	10.14	267.5	4.974	
09/30/1997 17:53:01	6.269	8.948	41.22	4068	
09/30/1997 17:53:53	-	-	-	-	[CumVol]=6.924 bbl
09/30/1997 17:53:53	-	-	-	-	Reset Volume
09/30/1997 17:53:59	-	-	-	-	Drop Wiper Plug
09/30/1997 17:54:01	4.991	9.237	58.05	3.816	
09/30/1997 17:54:03	-	-	-	-	Start Displacement
09/30/1997 17:55:01	4.458	9.136	54.95	3.954	
09/30/1997 17:56:02	8.435	8.916	57.12	3.944	
09/30/1997 17:57:02	12.42	9.006	56.48	3.968	
09/30/1997 17:58:02	16.4	8.979	55.08	3.956	
09/30/1997 17:59:03	20.39	8.884	55	3.944	
09/30/1997 18:00:03	24.36	8.776	56.75	3.945	
09/30/1997 18:01:03	28.33	8.654	82.68	3.961	
09/30/1997 18:02:04	32.31	8.59	114.1	3.926	
09/30/1997 18:03:04	36.27	8.508	137.1	3.933	
09/30/1997 18:03:23	-	-	-	-	Remark
09/30/1997 18:04:05	40.23	8.446	160.3	3.91	
09/30/1997 18:05:05	44.16	8.368	197.5	3.914	
09/30/1997 18:06:05	48.1	8.349	257.4	3.896	
09/30/1997 18:07:06	52.02	8.343	341.5	3.894	
09/30/1997 18:08:06	55.94	8.346	404.9	3.882	
09/30/1997 18:09:05	-	-	-	-	Lower Pump Rate
09/30/1997 18:09:07	59.81	8.33	454.8	3.404	
09/30/1997 18:10:07	62.01	8.254	459.7	2.038	
09/30/1997 18:11:07	64.05	8.257	489.5	2.013	
09/30/1997 18:12:08	66.06	8.391	532.7	1.986	
09/30/1997 18:13:08	68.04	8.33	567.6	1.958	
09/30/1997 18:13:40	-	-	-	-	Bump Top Plug
09/30/1997 18:14:09	68.83	1.604	1653	17E-5	6661
09/30/1997 18:14:47	-	-	-	-	Bleed Off Pressure
09/30/1997 18:15:09	68.83	4.888	34.58	218E-13	STOP ACQUISITION
09/30/1997 18:16:04	-	-	-	-	

ORIGINAL

Well	DORTH UNIT 1-2	Client	MOBIL OIL CO
Field	HUGOTON	SIR No.	2001-9460
Country	USA	Job Date	9/30/97 5:14:45 PM



09/30/1997 18:23 Job: mobilepu

* Mark of Schlumberger

