

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: Murfin Drilling Co., Inc.
 License: 30606
 Wellsite Geologist: L. J. Reimer

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOH Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSH, 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. _____
7-14-97 7-17-97 7-30-97
 Spud Date Date Reached TD Completion Date

API NO. 15- 189-221730000
 County Stevens
 _____ - SW - NE - NE Sec. 15 Twp. 34S Rge. 36 E
1250 Feet from S/W (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 E. Davis #1 Unit Well # 2
 Field Name Hugoton
 Producing Formation Chase
 Elevation: Ground 3049 KB 3059
 Total Depth 3006 PBTB 2954
 Amount of Surface Pipe Set and Cemented at 763 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 AH-1, 4-13-98 UCC
 (Data must be collected from the Reserve Pit)

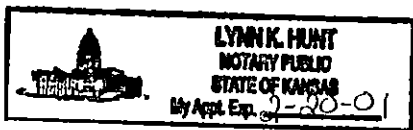
Chloride content 14,000 ppm Fluid volume 220 bbls
 Dewatering method used Waste Minimization Mud System
 Location of fluid disposal if hauled offsite: _____
 Operator Name Mobil Oil Corporation 11-10-97
 Lease Name _____ License No. 5208
 _____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
 County _____ 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 11-7-97
 Subscribed and sworn to before me this 7th day of November,
 19 95.
 Notary Public Lynn K. Hunt
 Date Commission Expires February 20, 2001
 7-78.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)



SIDE TWO

ORIGINAL

Operator Name Mobil Oil Corporation Lease Name E. Davis #1 Unit Well # 2

Sec. 15 Twp. 34S 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 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
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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#	763	Class C Class C	275 150	50:50 C/poz 50:50 C/poz
Production Casing	7.875	5.500	14#	2996	Class C Class C	220 100	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	2684-90	Acid: 1,000 gals 7.5% HCL	
	2736-46	Frac'd: 16,296 gals WF130 in 70q foam	
	2780-90	90,000 lbs 16/30 sand	
	2840-50		

TUBING RECORD

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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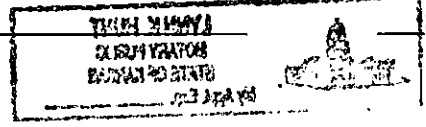
Date of First, Resumed Production, SWD or Inj. 8-11-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		305			

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 2684 2850



Job Administration Data

ORIGINAL

15-189-22173

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

Mobil Oil Corp.
Marvin Harvey
E. Davis 1-2
Hugoton
Murfin 22
Murfin Drilling
Tommy Hasket
Ulysses Ks.
Rex Pearson
1-316-356-1272
1 JAB/Hybrid RDA - 1 Cement
Unit
07/17/1997 03:38:36
07/17/1997 04:49:47
20008871
Longstring

1997 NOV 19 A 9:16
 1997 NOV 19 A 9:16
 1997 NOV 19 A 9:16

Start Date
End Date
SIR Number
Description

Channels Description

Channel	Description	Minimum	Maximum	Unit
Acquisition Time	Acquisition time	07/17/1997 03:48:27	07/17/1997 04:49:43	
CumVol	Cumulative Volume	0	102.3	bbl
Density	Micromotion DS300S NRD 0 to 25 ppg	-6.25	15.74	ppg
Pressure U1	Viatran 500 Pressure Transducer 4-20mA 0-15 kpsi	-3710	2109	psi
totcumvol		0	227.3	bbl
TotFlowrate	Total Flowrate	0	5.723	bpm

Acquisition Data

Acquisition Time	CumVol	Density	Pressure U1	totcumvol	TotFlowrate	Messages
07/17/1997 03:48:27	0	-6.25	-3710	0	0	
07/17/1997 03:48:30	-	-	-	-	-	Pressure Test Lines
07/17/1997 03:48:38	.0486	8.113	804	.0486	5772E-5	
07/17/1997 03:48:49	5157E-5	8.117	1550	5157E-5	1939E-5	
07/17/1997 03:48:59	5525E-5	8.113	2082	5525E-5	1364E-5	
07/17/1997 03:49:09	5586E-5	8.113	2109	5586E-5	9651E-7	
07/17/1997 03:49:19	.0559	8.112	2099	.0559	6853E-8	
07/17/1997 03:49:29	5591E-5	8.111	2079	5591E-5	4866E-9	
07/17/1997 03:49:39	5591E-5	8.093	358.9	5591E-5	3455E-10	
07/17/1997 03:49:49	5591E-5	8.093	30.5	5591E-5	2453E-11	
07/17/1997 03:49:59	5591E-5	8.105	2.282	5591E-5	1742E-12	
07/17/1997 03:50:09	5591E-5	8.109	-3.476	5591E-5	1237E-13	
07/17/1997 03:50:15	-	-	-	-	-	Start Pumping Water
07/17/1997 03:50:19	.4458	8.118	228.6	.4458	4.418	
07/17/1997 03:50:29	1.329	8.088	228.9	1.329	5.52	
07/17/1997 03:50:39	2.259	8.083	221.8	2.259	5.586	
07/17/1997 03:50:49	3.193	8.105	225.3	3.193	5.592	
07/17/1997 03:50:59	4.128	8.102	223.2	4.128	5.592	
07/17/1997 03:51:09	5.062	8.094	228.2	5.062	5.591	

Acquisition Time	CumVol	Density	Pressure UI	totcumvol	TotFlowrate	Messages
07/17/1997 03:51:19	5.996	8.107	232.3	5.996	5.592	
07/17/1997 03:51:29	6.93	8.088	237.6	6.93	5.592	
07/17/1997 03:51:40	7.97	8.085	243.2	7.97	5.592	
07/17/1997 03:51:50	8.905	8.082	241.8	8.905	5.592	
07/17/1997 03:52:00	9.672	8.084	95.12	9.672	2.818	
07/17/1997 03:52:10	9.796	8.11	31.56	9.796	1965	
07/17/1997 03:52:20	9.804	8.119	17.48	9.804	1395E-5	
07/17/1997 03:52:30	9.805	8.117	13.98	9.805	9905E-7	
07/17/1997 03:52:40	9.805	8.113	13.73	9.805	7033E-8	
07/17/1997 03:52:50	9.805	8.104	9.416	9.805	4994E-9	
07/17/1997 03:53:00	9.805	8.109	5.115	9.805	3546E-10	
07/17/1997 03:53:10	9.805	8.103	4.674	9.805	2518E-11	
07/17/1997 03:53:20	9.805	8.111	4.223	9.805	1788E-12	
07/17/1997 03:53:30	9.805	8.106	3.022	9.805	127E-12	
07/17/1997 03:53:40	9.805	8.102	2.263	9.805	9015E-15	
07/17/1997 03:53:50	9.805	8.104	-1.11	9.805	6402E-16	
07/17/1997 03:54:00	9.805	8.111	2.44	9.805	4546E-17	
07/17/1997 03:54:10	9.805	8.106	-3.205	9.805	3228E-18	
07/17/1997 03:54:20	9.805	8.111	-4.472	9.805	2292E-19	
07/17/1997 03:54:31	9.805	8.112	-4.562	9.805	1627E-20	
07/17/1997 03:54:41	9.805	8.096	-4.061	9.805	1156E-21	
07/17/1997 03:54:51	9.805	8.111	-4.516	9.805	8206E-23	
07/17/1997 03:55:01	9.805	8.101	-4.565	9.805	5827E-24	
07/17/1997 03:55:11	9.805	8.112	-4.569	9.805	4137E-25	
07/17/1997 03:55:21	9.805	8.111	-4.569	9.805	2938E-26	
07/17/1997 03:55:31	9.805	8.112	-4.569	9.805	2086E-27	
07/17/1997 03:55:41	9.805	8.102	-4.569	9.805	1481E-28	
07/17/1997 03:55:51	9.805	8.106	-4.569	9.805	1052E-29	
07/17/1997 03:56:01	9.805	8.108	-4.366	9.805	7469E-31	
07/17/1997 03:56:11	9.805	8.095	-3.032	9.805	5303E-32	
07/17/1997 03:56:21	9.805	8.093	-1.412	9.805	3766E-33	
07/17/1997 03:56:31	9.805	8.092	-3.569	9.805	2674E-34	
07/17/1997 03:56:41	9.805	8.093	1.292	9.805	1899E-35	
07/17/1997 03:56:51	9.805	8.093	-7.58	9.805	1348E-36	
07/17/1997 03:57:02	9.805	8.093	-2.679	9.805	7348E-38	
07/17/1997 03:57:12	9.805	8.109	-1.609	9.805	5218E-39	
07/17/1997 03:57:22	9.805	8.102	-1.929	9.805	3705E-40	
07/17/1997 03:57:32	9.805	8.104	-1.985	9.805	2631E-41	
07/17/1997 03:57:42	9.805	8.111	-4.258	9.805	1868E-42	
07/17/1997 03:57:52	9.805	8.094	-7.045	9.805	1327E-43	
07/17/1997 03:58:02	10.06	8.112	175.5	10.06	2.818	
07/17/1997 03:58:12	10.73	8.092	214.3	10.73	4.528	
07/17/1997 03:58:22	11.58	8.092	246.5	11.58	5.46	
07/17/1997 03:58:32	12.51	8.087	252.2	12.51	5.578	
07/17/1997 03:58:42	13.45	8.108	256.1	13.45	5.594	
07/17/1997 03:58:52	14.38	8.088	255.5	14.38	5.592	
07/17/1997 03:59:02	15.31	8.113	261.7	15.31	5.592	
07/17/1997 03:59:12	16.25	8.135	264.6	16.25	5.596	
07/17/1997 03:59:22	17.18	8.134	267.6	17.18	5.591	
07/17/1997 03:59:32	18.12	8.129	273.2	18.12	5.591	
07/17/1997 03:59:42	19.05	8.135	276.6	19.05	5.592	
07/17/1997 03:59:52	19.99	8.143	279	19.99	5.592	
07/17/1997 04:00:02	20.92	8.146	278.1	20.92	5.592	
07/17/1997 04:00:12	21.86	8.147	284.7	21.86	5.592	
07/17/1997 04:00:23	22.79	8.146	287.6	22.79	5.592	
07/17/1997 04:00:33	23.72	8.152	288.9	23.72	5.59	
07/17/1997 04:00:43	24.66	8.149	289.1	24.66	5.597	
07/17/1997 04:00:53	25.59	8.146	297	25.59	5.592	
07/17/1997 04:01:03	26.53	9.168	332.1	26.53	5.604	
07/17/1997 04:01:08	-	-	-	-	-	[CumVol]-27.01 bb]
07/17/1997 04:01:08	-	-	-	-	-	Reset Volume
07/17/1997 04:01:14	3733	10.04	442.4	27.57	5.588	
07/17/1997 04:01:17	-	-	-	-	-	Start Mixing Lead Slurry
07/17/1997 04:01:25	1.413	10.42	416.1	28.61	5.584	

Acquisition Time	CumVol	Density	Pressure U1	totcumvol	TotFlowrate	Messages
07/17/1997 04:01:35	2.347	10.91	398.1	29.54	5.589	
07/17/1997 04:01:45	3.281	9.716	402.1	30.47	5.584	
07/17/1997 04:01:55	4.215	9.967	381.5	31.41	5.599	
07/17/1997 04:02:05	5.149	10.43	350.3	32.34	5.592	
07/17/1997 04:02:15	6.083	10.95	356.9	33.28	5.589	
07/17/1997 04:02:25	7.018	11.05	351.3	34.21	5.592	
07/17/1997 04:02:35	7.952	11.39	339.8	35.14	5.594	
07/17/1997 04:02:45	8.886	12.72	340.3	36.08	5.599	
07/17/1997 04:02:55	9.82	12.3	377.6	37.01	5.592	
07/17/1997 04:03:05	10.75	11.79	350.4	37.95	5.585	
07/17/1997 04:03:15	11.69	11.42	336	38.88	5.601	
07/17/1997 04:03:25	12.62	11.29	321	39.82	5.594	
07/17/1997 04:03:35	13.56	11.49	317.9	40.75	5.592	
07/17/1997 04:03:45	14.49	12.05	322.3	41.69	5.593	
07/17/1997 04:03:55	15.43	12.11	324.6	42.62	5.599	
07/17/1997 04:04:05	16.36	12.03	328.1	43.55	5.592	
07/17/1997 04:04:15	17.3	11.61	318	44.49	5.593	
07/17/1997 04:04:25	18.23	11.38	308.6	45.42	5.595	
07/17/1997 04:04:35	19.16	11.28	297.6	46.36	5.592	
07/17/1997 04:04:45	20.1	11.45	289.9	47.29	5.592	
07/17/1997 04:04:55	21.03	11.73	291.4	48.23	5.592	
07/17/1997 04:05:05	21.97	11.23	290.9	49.16	5.592	
07/17/1997 04:05:15	22.9	11.03	279	50.09	5.596	
07/17/1997 04:05:27	23.94	11.32	276.8	51.13	5.591	
07/17/1997 04:05:37	24.87	11.3	275.6	52.07	5.594	
07/17/1997 04:05:47	25.81	11.49	278	53	5.592	
07/17/1997 04:05:57	26.74	11.29	272	53.93	5.592	
07/17/1997 04:06:08	27.78	11.27	258.5	54.97	5.592	
07/17/1997 04:06:18	28.72	11.55	264.3	55.91	5.592	
07/17/1997 04:06:28	29.65	11.55	266.3	56.84	5.592	
07/17/1997 04:06:38	30.59	11.48	260.3	57.78	5.594	
07/17/1997 04:06:48	31.52	11.39	256.1	58.71	5.592	
07/17/1997 04:06:58	32.45	11.28	248.7	59.65	5.591	
07/17/1997 04:07:08	33.39	11.17	243.1	60.58	5.593	
07/17/1997 04:07:18	34.32	11.08	237.3	61.52	5.591	
07/17/1997 04:07:28	35.26	11.03	232.9	62.45	5.59	
07/17/1997 04:07:38	36.19	11.06	229.3	63.38	5.592	
07/17/1997 04:07:48	37.13	11.12	224.2	64.32	5.592	
07/17/1997 04:07:58	38.06	11.18	223.2	65.25	5.592	
07/17/1997 04:08:08	38.99	11.24	221.1	66.19	5.592	
07/17/1997 04:08:18	39.93	11.3	218.4	67.12	5.592	
07/17/1997 04:08:28	40.86	11.34	218.1	68.06	5.589	
07/17/1997 04:08:38	41.8	11.4	217.8	68.99	5.591	
07/17/1997 04:08:48	42.73	11.47	213.9	69.92	5.59	
07/17/1997 04:08:58	43.67	11.5	212.4	70.86	5.593	
07/17/1997 04:09:08	44.6	11.55	207.6	71.79	5.592	
07/17/1997 04:09:18	45.54	11.57	208	72.73	5.592	
07/17/1997 04:09:28	46.47	11.65	205.8	73.66	5.592	
07/17/1997 04:09:38	47.4	11.69	197.8	74.6	5.585	
07/17/1997 04:09:48	48.34	11.66	194.3	75.53	5.593	
07/17/1997 04:09:58	49.27	11.63	189.5	76.47	5.592	
07/17/1997 04:10:08	50.21	11.68	183.9	77.4	5.592	
07/17/1997 04:10:18	51.14	11.68	175.5	78.33	5.594	
07/17/1997 04:10:28	52.08	11.71	163.9	79.27	5.592	
07/17/1997 04:10:39	53.01	11.71	158.9	80.2	5.591	
07/17/1997 04:10:49	53.94	11.73	156.3	81.14	5.587	
07/17/1997 04:10:59	54.88	11.75	156.9	82.07	5.592	
07/17/1997 04:11:09	55.81	11.76	155.8	83.01	5.592	
07/17/1997 04:11:19	56.75	11.77	155.4	83.94	5.587	
07/17/1997 04:11:29	57.68	11.78	156.6	84.87	5.588	
07/17/1997 04:11:40	58.72	11.77	158.2	85.91	5.595	
07/17/1997 04:11:50	59.66	11.75	158	86.85	5.592	
07/17/1997 04:12:00	60.59	11.73	158.3	87.78	5.592	
07/17/1997 04:12:10	61.52	11.71	157.1	88.72	5.592	

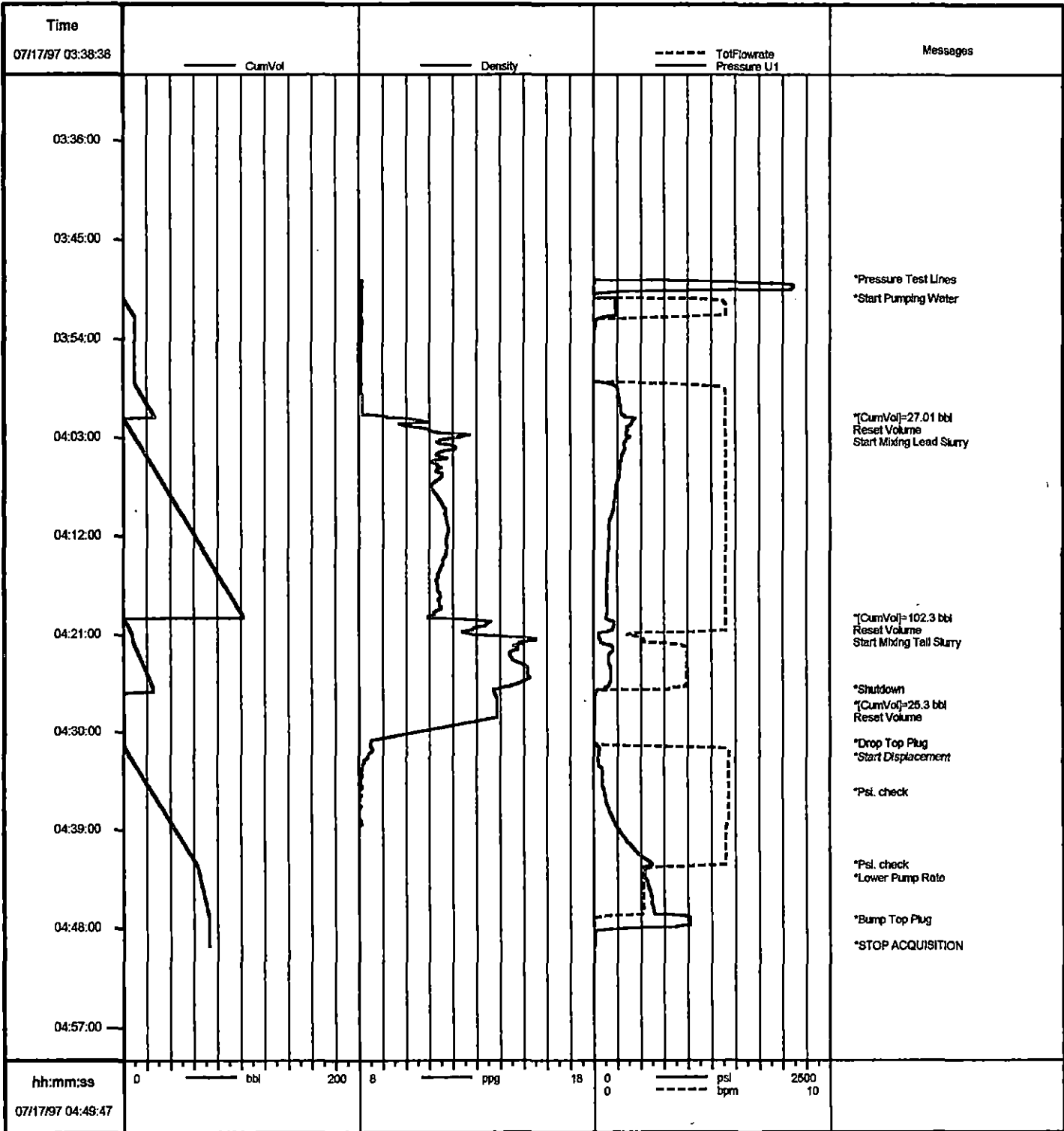
Acquisition Time	CumVol	Density	Pressure UI	totcumvol	TotFlowrate	Messages
07/17/1997 04:12:20	62.46	11.68	155.6	89.65	5.592	
07/17/1997 04:12:30	63.39	11.68	151.8	90.59	5.592	
07/17/1997 04:12:40	64.33	11.69	153.5	91.52	5.592	
07/17/1997 04:12:50	65.26	11.71	154.4	92.45	5.592	
07/17/1997 04:13:00	66.2	11.73	155.4	93.39	5.592	
07/17/1997 04:13:10	67.13	11.73	156.9	94.32	5.592	
07/17/1997 04:13:20	68.06	11.7	155.4	95.26	5.592	
07/17/1997 04:13:30	69	11.72	155.4	96.19	5.592	
07/17/1997 04:13:40	69.93	11.69	155.3	97.13	5.592	
07/17/1997 04:13:50	70.87	11.68	154.3	98.06	5.586	
07/17/1997 04:14:00	71.8	11.61	148.6	98.99	5.592	
07/17/1997 04:14:10	72.74	11.57	152.9	99.93	5.589	
07/17/1997 04:14:20	73.67	11.57	151.3	100.9	5.594	
07/17/1997 04:14:30	74.6	11.57	149.1	101.8	5.592	
07/17/1997 04:14:40	75.54	11.55	147.3	102.7	5.587	
07/17/1997 04:14:50	76.47	11.51	145.9	103.7	5.592	
07/17/1997 04:15:00	77.41	11.47	148.3	104.6	5.592	
07/17/1997 04:15:10	78.34	11.43	146.4	105.5	5.592	
07/17/1997 04:15:20	79.28	11.39	145.8	106.5	5.592	
07/17/1997 04:15:30	80.21	11.35	143.4	107.4	5.592	
07/17/1997 04:15:40	81.14	11.38	141.7	108.3	5.592	
07/17/1997 04:15:50	82.08	11.35	141.3	109.3	5.592	
07/17/1997 04:16:00	83.01	11.28	138.8	110.2	5.592	
07/17/1997 04:16:10	83.95	11.3	136.3	111.1	5.592	
07/17/1997 04:16:21	84.88	11.33	137.2	112.1	5.592	
07/17/1997 04:16:31	85.82	11.34	137.4	113	5.592	
07/17/1997 04:16:41	86.75	11.36	141.6	113.9	5.592	
07/17/1997 04:16:51	87.69	11.34	140.5	114.9	5.592	
07/17/1997 04:17:01	88.62	11.35	140.5	115.8	5.592	
07/17/1997 04:17:11	89.55	11.42	137.4	116.7	5.591	
07/17/1997 04:17:21	90.49	11.44	139.6	117.7	5.587	
07/17/1997 04:17:31	91.42	11.45	141.5	118.6	5.582	
07/17/1997 04:17:41	92.35	11.44	138.9	119.5	5.586	
07/17/1997 04:17:51	93.29	11.37	138.7	120.5	5.595	
07/17/1997 04:18:01	94.22	11.43	140.5	121.4	5.592	
07/17/1997 04:18:11	95.16	11.43	142.7	122.4	5.592	
07/17/1997 04:18:21	96.09	11.41	140.1	123.3	5.593	
07/17/1997 04:18:31	97.03	11.5	141	124.2	5.592	
07/17/1997 04:18:41	97.96	11.47	141.1	125.2	5.592	
07/17/1997 04:18:51	98.89	11.25	139.4	126.1	5.592	
07/17/1997 04:19:01	99.83	11.17	136.3	127	5.592	
07/17/1997 04:19:11	100.8	11.2	134.9	128	5.592	
07/17/1997 04:19:21	101.7	10.93	134.5	128.9	5.593	
07/17/1997 04:19:28	-	-	-	-	-	[CumVol]=102.3 bbl
07/17/1997 04:19:28	-	-	-	-	-	Reset Volume
07/17/1997 04:19:31	1868	11.65	128.4	129.8	5.589	
07/17/1997 04:19:36	-	-	-	-	-	Start Mixing Tail Slurry
07/17/1997 04:19:41	1.121	13.07	161.9	130.8	5.589	
07/17/1997 04:19:51	2.054	13.59	213.3	131.7	5.585	
07/17/1997 04:20:01	2.989	13.4	214.7	132.6	5.594	
07/17/1997 04:20:11	3.923	13.37	210.7	133.6	5.592	
07/17/1997 04:20:21	4.857	12.93	202.4	134.5	5.592	
07/17/1997 04:20:31	5.792	12.8	190.4	135.4	5.586	
07/17/1997 04:20:41	6.695	12.38	143.8	136.3	4.748	
07/17/1997 04:20:51	7.114	12.48	50.47	136.8	1.645	
07/17/1997 04:21:01	7.353	12.89	45.81	137	1.365	
07/17/1997 04:21:11	7.615	14.24	48.41	137.3	1.905	
07/17/1997 04:21:21	7.958	15.52	58.35	137.6	2.086	
07/17/1997 04:21:31	8.308	15.47	72.45	137.9	2.098	
07/17/1997 04:21:41	8.657	14.83	70.99	138.3	2.094	
07/17/1997 04:21:51	9.072	14.93	109.8	138.7	3.277	
07/17/1997 04:22:01	9.702	14.58	184.5	139.3	3.9	
07/17/1997 04:22:11	10.36	14.76	197.4	140	3.957	
07/17/1997 04:22:21	11.02	14.74	205	140.7	3.955	

Acquisition Time	CumVol	Density	Pressure UI	totcumvol	TotFlowrate	Messages
07/17/1997 04:22:31	11.68	14.47	193.3	141.3	3.957	
07/17/1997 04:22:43	12.44	14.38	169.5	142.1	3.953	
07/17/1997 04:22:55	13.21	14.43	159.6	142.9	3.962	
07/17/1997 04:23:05	13.87	14.44	159.9	143.5	3.963	
07/17/1997 04:23:15	14.53	14.49	156.3	144.2	3.963	
07/17/1997 04:23:25	15.2	14.53	155.5	144.8	3.962	
07/17/1997 04:23:35	15.86	14.72	155	145.5	3.954	
07/17/1997 04:23:45	16.52	14.92	161	146.2	3.951	
07/17/1997 04:23:55	17.18	15.07	170.3	146.8	3.946	
07/17/1997 04:24:05	17.84	15.15	172.9	147.5	3.948	
07/17/1997 04:24:15	18.5	15.17	180.6	148.1	3.944	
07/17/1997 04:24:25	19.16	15.17	176.9	148.8	3.953	
07/17/1997 04:24:35	19.82	15.16	177.1	149.5	3.943	
07/17/1997 04:24:45	20.47	15.15	177.4	150.1	3.944	
07/17/1997 04:24:55	21.13	15.21	178.1	150.8	3.943	
07/17/1997 04:25:05	21.79	15.25	180.7	151.4	3.942	
07/17/1997 04:25:15	22.45	15.06	177.2	152.1	3.944	
07/17/1997 04:25:25	23.11	14.89	170.2	152.8	3.958	
07/17/1997 04:25:35	23.77	14.68	163.5	153.4	3.957	
07/17/1997 04:25:45	24.43	14.42	153.3	154.1	3.958	
07/17/1997 04:25:55	25.07	13.97	110.7	154.7	3.206	
07/17/1997 04:26:04	-	-	-	-	-	Shutdown
07/17/1997 04:26:05	25.28	13.71	34.92	154.9	3.863	
07/17/1997 04:26:15	25.3	13.72	20.95	154.9	0.274	
07/17/1997 04:26:22	-	-	-	-	-	[CumVol]-25.3 bbl Reset Volume
07/17/1997 04:26:25	6498E-8	13.76	14.19	154.9	1946E-6	
07/17/1997 04:26:35	1516E-7	13.78	10.37	154.9	1381E-7	
07/17/1997 04:26:45	1578E-7	13.84	6.435	154.9	981E-8	
07/17/1997 04:26:55	1582E-7	13.87	5.092	154.9	6965E-10	
07/17/1997 04:30:44	1582E-7	8.485	-5.295	154.9	171E-6	
07/17/1997 04:30:56	1656E-7	8.472	-10.76	154.9	7152E-9	
07/17/1997 04:31:00	-	-	-	-	-	Drop Top Plug
07/17/1997 04:31:06	1659E-7	8.454	-6.731	154.9	5079E-10	
07/17/1997 04:31:07	-	-	-	-	-	Start Displacement
07/17/1997 04:31:16	2.591	8.463	33.58	155.2	2.881	
07/17/1997 04:31:26	1.063	8.514	56.55	156	5.473	
07/17/1997 04:31:36	2.006	8.544	45.26	156.9	5.693	
07/17/1997 04:31:46	2.96	8.486	48.39	157.9	5.71	
07/17/1997 04:31:56	3.915	8.391	51.69	158.9	5.718	
07/17/1997 04:32:06	4.87	8.365	47.85	159.8	5.712	
07/17/1997 04:32:16	5.825	8.365	42.4	160.8	5.711	
07/17/1997 04:32:26	6.779	8.307	43.49	161.7	5.711	
07/17/1997 04:32:36	7.734	8.209	49.27	162.7	5.718	
07/17/1997 04:32:46	8.688	8.198	47.89	163.6	5.704	
07/17/1997 04:32:56	9.642	8.137	50.16	164.6	5.717	
07/17/1997 04:33:06	10.6	8.094	53.81	165.5	5.719	
07/17/1997 04:33:16	11.55	8.102	80.36	166.5	5.718	
07/17/1997 04:33:26	12.51	8.133	86.38	167.4	5.711	
07/17/1997 04:33:36	13.46	8.033	86.93	168.4	5.71	
07/17/1997 04:33:48	14.52	8.078	90.34	169.5	5.713	
07/17/1997 04:33:58	15.48	8.123	86.97	170.4	5.71	
07/17/1997 04:34:08	16.43	8.073	87.21	171.4	5.709	
07/17/1997 04:34:18	17.39	7.988	87.5	172.3	5.711	
07/17/1997 04:34:28	18.34	8.059	89.69	173.3	5.711	
07/17/1997 04:34:38	19.3	8.044	87.92	174.2	5.711	
07/17/1997 04:34:48	20.25	8.018	85.53	175.2	5.718	
07/17/1997 04:34:58	21.2	8.114	86.36	176.1	5.717	
07/17/1997 04:35:08	22.16	8.101	99.81	177.1	5.71	
07/17/1997 04:35:18	23.11	8.031	107.4	178.1	5.71	
07/17/1997 04:35:28	24.07	7.964	110.5	179	5.719	
07/17/1997 04:35:30	-	-	-	-	-	Psi. check
07/17/1997 04:35:38	25.02	7.942	111.9	180	5.711	
07/17/1997 04:35:48	25.98	8.095	116	180.9	5.717	

Acquisition Time	CumVol	Density	Pressure U1	totcumvol	TotFlowrate	Messages
07/17/1997 04:35:58	26.93	7.99	120.5	181.9	5.717	
07/17/1997 04:36:08	27.88	8.012	125	182.8	5.716	
07/17/1997 04:36:18	28.84	7.997	126.7	183.8	5.713	
07/17/1997 04:36:28	29.79	7.934	129.9	184.7	5.711	
07/17/1997 04:36:38	30.75	7.976	136.1	185.7	5.711	
07/17/1997 04:36:48	31.7	8.074	145.2	186.6	5.71	
07/17/1997 04:36:58	32.66	8.015	150.6	187.6	5.707	
07/17/1997 04:37:08	33.61	8.011	161.8	188.6	5.709	
07/17/1997 04:37:18	34.57	7.977	166.3	189.5	5.71	
07/17/1997 04:37:28	35.52	7.994	174	190.5	5.717	
07/17/1997 04:37:38	36.48	7.968	182.1	191.4	5.711	
07/17/1997 04:37:48	37.43	7.979	193.4	192.4	5.708	
07/17/1997 04:37:58	38.38	8.024	199.9	193.3	5.708	
07/17/1997 04:38:08	39.34	8.076	208.4	194.3	5.71	
07/17/1997 04:38:18	40.29	8.018	221.5	195.2	5.71	
07/17/1997 04:38:28	41.23	8.109	225.7	196.2	5.605	
07/17/1997 04:38:39	42.27	7.958	242.3	197.2	5.591	
07/17/1997 04:38:49	43.21	7.998	252	198.1	5.592	
07/17/1997 04:38:59	44.14	7.927	266.1	199.1	5.591	
07/17/1997 04:39:10	45.08	7.907	274.5	200	5.592	
07/17/1997 04:39:20	46.01	7.994	287.9	200.9	5.591	
07/17/1997 04:39:30	46.94	7.885	300.6	201.9	5.592	
07/17/1997 04:39:40	47.88	7.974	318.8	202.8	5.588	
07/17/1997 04:39:50	48.81	7.96	333.8	203.8	5.594	
07/17/1997 04:40:00	49.75	7.883	344.5	204.7	5.592	
07/17/1997 04:40:10	50.68	7.88	362.3	205.6	5.591	
07/17/1997 04:40:20	51.62	7.834	378.3	206.6	5.591	
07/17/1997 04:40:30	52.55	7.862	396.4	207.5	5.591	
07/17/1997 04:40:40	53.48	7.786	414.3	208.4	5.591	
07/17/1997 04:40:50	54.42	7.735	431.8	209.4	5.591	
07/17/1997 04:41:00	55.35	7.736	449.9	210.3	5.591	
07/17/1997 04:41:10	56.28	7.701	466.1	211.2	5.59	
07/17/1997 04:41:20	57.22	7.796	486.6	212.2	5.59	
07/17/1997 04:41:30	58.15	7.775	513	213.1	5.59	
07/17/1997 04:41:40	59.09	7.794	539.5	214	5.589	
07/17/1997 04:41:50	60.02	7.732	570.1	215	5.585	
07/17/1997 04:42:00	60.95	7.639	595	215.9	5.581	
07/17/1997 04:42:10	61.89	7.454	618.7	216.8	5.588	
07/17/1997 04:42:13	-	-	-	-	-	Psi. check
07/17/1997 04:42:20	62.72	7.366	585.9	217.7	4.442	
07/17/1997 04:42:20	-	-	-	-	-	Lower Pump Rate
07/17/1997 04:42:30	63.21	7.379	529	218.1	2.308	
07/17/1997 04:42:40	63.57	7.358	535.9	218.5	2.117	
07/17/1997 04:42:50	63.92	7.282	540.6	218.9	2.104	
07/17/1997 04:43:00	64.27	7.101	538.1	219.2	2.1	
07/17/1997 04:43:10	64.62	6.241	536.4	219.6	2.102	
07/17/1997 04:43:20	64.97	6.323	542	219.9	2.103	
07/17/1997 04:43:30	65.32	6.268	552	220.3	2.1	
07/17/1997 04:43:40	65.68	6.174	560.8	220.6	2.107	
07/17/1997 04:43:50	66.03	5.707	572	221	2.103	
07/17/1997 04:44:02	66.43	5.163	571.6	221.4	2.109	
07/17/1997 04:44:13	66.84	4.669	578.6	221.8	2.102	
07/17/1997 04:44:23	67.19	4.407	584.1	222.1	2.108	
07/17/1997 04:44:33	67.54	4.222	592	222.5	2.1	
07/17/1997 04:44:43	67.89	3.834	603.6	222.8	2.1	
07/17/1997 04:44:54	68.24	3.529	606.9	223.2	2.101	
07/17/1997 04:45:04	68.59	3.377	611.8	223.5	2.099	
07/17/1997 04:45:14	68.95	3.142	613.1	223.9	2.102	
07/17/1997 04:45:24	69.3	2.886	613.5	224.2	2.099	
07/17/1997 04:45:34	69.65	2.809	612.3	224.6	2.1	
07/17/1997 04:45:44	70	2.507	609.6	224.9	2.108	
07/17/1997 04:45:54	70.35	2.237	618.4	225.3	2.1	
07/17/1997 04:46:04	70.7	2.04	626.9	225.6	2.099	
07/17/1997 04:46:14	71.05	1.89	631	226	2.107	

Acquisition Time	CumVol	Density	Pressure UI	totcumvol	TotFlowrate	Messages
07/17/1997 04:46:24	71.4	1.695	635.5	226.3	2.102	
07/17/1997 04:46:34	71.75	1.474	639.2	226.7	2.099	
07/17/1997 04:46:44	72.11	1.452	645.9	227	2.098	
07/17/1997 04:46:54	72.34	1.421	960.8	227.3	5159	
07/17/1997 04:47:04	72.36	1.002	1020	227.3	3662E-5	
07/17/1997 04:47:13						Bump Top Plug
07/17/1997 04:47:14	72.37	9151E-5	1021	227.3	2601E-6	
07/17/1997 04:47:24	72.37	1107	1022	227.3	1847E-7	
07/17/1997 04:47:34	72.37	1036	1022	227.3	1311E-8	
07/17/1997 04:47:44	72.37	1112	1021	227.3	9311E-10	
07/17/1997 04:47:54	72.37	1149	868.5	227.3	6611E-11	
07/17/1997 04:48:04	72.37	113	249.5	227.3	4695E-12	
07/17/1997 04:48:14	72.37	1006	22.49	227.3	3334E-13	
07/17/1997 04:48:24	72.37	9541E-5	6.613	227.3	2367E-14	
07/17/1997 04:48:34	72.37	7996E-5	4.205	227.3	1681E-15	
07/17/1997 04:48:44	72.37	9229E-5	6.865	227.3	1193E-16	
07/17/1997 04:48:55	72.37	6906E-5	6.245	227.3	6505E-18	
07/17/1997 04:49:05	72.37	7722E-5	6.865	227.3	4619E-19	
07/17/1997 04:49:15	72.37	6095E-5	6.01	227.3	328E-19	
07/17/1997 04:49:25	72.37	1841E-5	4.673	227.3	2329E-21	
07/17/1997 04:49:35	72.37	-2353E-5	4.978	227.3	1654E-22	
07/17/1997 04:49:47						STOP ACQUISITION

Well E. Davis 1-2	Client Mobil Oil Corp.
Field Hugoton	SIR No. 20008871
Country USA	Job Date 7/17/97 3:38:36 AM



Job: default

07/17/1997 05:01

* Mark of Schlumberger

Schlumberger

Dowell

Cementing Service Report

Well		Location (legal)		Dowell Location		Service Date									
E Davis 1-2		Sec 15-34S-36W		Ulysses, KS		7/14/97									
Field		Formation Name/Type		Deviation		Bit Size		Well MD		Well TVD					
Hugoton		Surface		0 °		12.3 in		768 ft		768 ft					
County		State/Province		BHP		BHST		BHCT		Pore Press. Gradient					
Stevens		Ks		0 psi		0 °F		0 °F		0 psi/ft					
Rig Name		Drilled For		Service Via		Casing/Liner									
MURFIN 22		Gas		Land		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Water Depth		Well Class		Well Type		762		8.63		24		US50		Brd	
		101		Development		0		0		0					
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe									
Bentonite		10.6 lb/gal		31 cp		Depth,		Size, in		Weight, lb/ft		Grade		Thread	
Service Line		Job Type		0		0									
Cementing		Cem Surface Casing		0		0									
Max. Allowed Tubing Pressure		Max. Allowed Ann. Pressure		Wellhead Connection		Perforations/Open Hole									
2000 psi		0 psi		Single cement head		Top, ft		Bottom, ft		spf		No. of Shots		Total Interval	
Service Instructions						0		0		0		0		0 ft	
Safety cement surface casing as directed by customer.						0		0		0		0		Diameter	
Loc.# 63026 I.D. MTHARVEY						0		0		0		0		0 in	
						Treat Down		Displacement		Packer Type		Packer Depth			
						Casing		45.8 bbl				0 ft			
						Tubing Vol.		Casing Vol.		Annular Vol.		Open Hole Vol			
						0 bbl		48.5 bbl		0 bbl		0 bbl			
Casing/Tubing Secured		1 Hole Volume Circulated prior to Cementing		Casing Tools		Squeeze Job									
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		Shoe Type:		Guide		Squeeze Type							
Lift Pressure:		313 psi		Shoe Depth:		763 ft		Tool Type:							
Pipe Rotated		<input type="checkbox"/>		Piper Reciprocated		<input type="checkbox"/>		Stage Tool Type							
No. Constrictors:		0		Top Plugs:		1		Bottom Plugs:		0		Stage Tool Depth:		0 ft	
Cement Head Type:		Single		Stage Tool Depth:		0 ft		Tail Pipe Size:				0 in			
Job Scheduled For:		Arrived on Location:		Leave Location:		Collar Type:		Other		Tail Pipe Depth:				0 ft	
7/14/97 17:00		7/14/97 16:30		7/14/97 20:45		Collar Depth:		720 ft		Sqz Total Vol:				0 bbl	
Time		Cum Vol		Density		Elapsed Time		Pressure U1		Pump		Rozero		Message	
24 hr clock		bbl		ppg		min		psi		rbb/s		bbl			
19:07		0		0		0		0		0		0		START ACQUISITION	
19:07		2796E-6		8.303		1667E-5		2615E-11		2.796		2796E-6		0	
19:07		0		0		0		0		0		0		Pressure Test Lines	
19:08		8949E-5		8.303		.5195		2615E-11		3.002		8949E-5		0	
19:08		.2408		8.303		1.022		2615E-11		2.488		.2408		0	
19:09		.4688		8.303		1.525		1575		1218E-6		.4688		0	
19:09		0		0		0		0		0		0		Bleed Off Pressure	
19:09		.4694		8.303		2.028		1404		4362E-10		.4694		0	
19:09		0		0		0		0		0		0		[Cum Vol]=.4694 bbl	
19:09		0		0		0		0		0		0		Reset Volume	
19:10		0		0		0		0		0		0		Start Pumping Water	
19:10		1024E-6		8.306		2.531		1.515		.1767		.4704		0	
19:10		.6559		8.226		3.034		90.3		61.81		1.125		0	
19:11		3.347		8.253		3.537		113.6		93.9		3.816		0	
19:11		6.182		8.242		4.039		110.3		93.95		6.651		0	
19:12		9.007		8.236		4.542		110.3		93.55		9.476		0	
19:12		11.82		8.237		5.045		114.3		93.29		12.29		0	
19:13		14.65		8.235		5.55		119.5		93.31		15.12		0	
19:13		17.46		8.228		6.053		123.5		93.14		17.93		0	
19:14		20.27		8.216		6.556		124.1		93.05		20.74		0	
19:14		23.07		8.243		7.058		128.4		92.86		23.54		0	
19:14		0		0		0		0		0		0		Start Mixing Lead Slurry	

Well		Field				Service Date		Customer	Job Number
E Davis #1-2		Hugoton				7/14/97		MOBIL OIL CORP V39050075	20008039
Time	CumVol	Density	Elapsed Time	Pressure U1	Pump	Rezero		Message	
24 hr clock	bbbl	ppg	min	psi	mbl/s	bbbl			
19:14	0	0	0	0	0	0	0	Reset Volume	
19:14	0	0	0	0	0	0	0	[CumVol]=24.66 bbl	
19:15	1.128	10.65	7.561	139.7	93.3	26.35	0		
19:15	3.946	12.05	8.066	154.9	92.95	29.17	0		
19:16	6.749	12.82	8.569	167.5	93.06	31.97	0		
19:16	9.544	13.26	9.072	173.2	92.6	34.77	0		
19:17	12.34	13.04	9.575	162.4	92.73	37.57	0		
19:17	15.18	13	10.08	156.9	93.85	40.4	0		
19:18	18.01	12.73	10.58	143.6	93.92	43.23	0		
19:18	20.84	12.72	11.09	142.5	93.67	46.06	0		
19:19	23.66	12.81	11.59	143	93.62	48.89	0		
19:19	26.49	12.73	12.09	142.5	93.71	51.72	0		
19:20	29.33	12.17	12.6	134.9	93.92	54.56	0		
19:20	32.17	12.47	13.1	139.8	94.04	57.39	0		
19:21	34.71	7.96	13.6	46.99	51.48	59.94	0		
19:21	35.99	12.13	14.1	27.65	40.97	61.22	0		
19:22	37.45	13.98	14.61	93.73	63.5	62.67	0		
19:22	39.39	12.5	15.11	88.22	64.73	64.62	0		
19:23	41.34	13.37	15.62	80.61	64.18	66.57	0		
19:23	43.58	12.25	16.12	139.6	93.13	68.81	0		
19:24	46.41	12.85	16.62	151.3	93.88	71.63	0		
19:24	49.24	13.21	17.12	152.6	93.67	74.46	0		
19:25	52.07	12.17	17.63	138.2	93.51	77.3	0		
19:25	54.9	11.96	18.13	136.6	93.71	80.12	0		
19:26	57.72	13.59	18.63	163.3	92.96	82.94	0		
19:26	59.77	11.92	19.14	73.47	64.3	85	0		
19:27	62.48	12.88	19.64	156.8	93.45	87.71	0		
19:27	65.32	12.23	20.15	145.1	93.69	90.54	0		
19:28	68.13	13.4	20.65	160.4	92.97	93.35	0		
19:28	70.93	12.96	21.15	155.1	93.16	96.16	0		
19:29	73.75	12.82	21.65	155.2	93.39	98.98	0		
19:29	76.57	12.76	22.16	151.4	93.35	101.8	0		
19:30	79.4	12.63	22.66	150.2	93.31	104.6	0		
19:30	82.22	12.64	23.16	145.3	93.38	107.4	0		
19:31	85.03	12.5	23.67	147.5	93.47	110.3	0		
19:31	87.85	13.32	24.17	166.1	92.98	113.1	0		
19:32	90.67	12.16	24.67	140	93.82	115.9	0		
19:32	93.2	11.69	25.18	83.34	65.56	118.4	0		
19:32	0	0	0	0	0	0	0	Start Mixing Tail Slurry	
19:32	0	0	0	0	0	0	0	Reset Volume	
19:32	0	0	0	0	0	0	0	[CumVol]=93.53 bbl	
19:33	1.558	12.81	25.68	86.25	64.33	120.4	0		
19:33	3.494	13.71	26.18	95.74	64.03	122.3	0		
19:34	5.98	14.15	26.69	174.4	93.47	124.8	0		
19:34	8.723	14.42	27.19	124.3	71.88	127.5	0		
19:35	10.69	14.67	27.69	108.2	64.03	129.5	0		
19:35	13.26	14.53	28.2	186.9	93.15	132.1	0		
19:36	15.47	14.32	28.7	102.8	64.39	134.3	0		
19:36	17.41	15.08	29.2	116.6	63.95	136.2	0		
19:37	19.36	14.11	29.71	130.6	76.28	138.2	0		
19:37	22.14	14.26	30.21	177.3	93.47	141	0		
19:38	24.16	15.23	30.71	112.9	63.9	143	0		
19:38	26.09	14.74	31.22	111.2	63.84	144.9	0		
19:39	28.02	14.57	31.72	102.9	63.95	146.8	0		

Well		Field		Service Date		Customer		Job Number	
E Davis #1-2		Hugoton		7/14/97		MOBIL OIL CORP V39050075		20008039	
Time	CumVol	Density	Elopad Time	Pressure Ut	Pump	Rezero		Message	
24 hr clock	bbf	ppg	min	psi	mbl/s	bbf			
19:39	30.65	14.92	32.22	138.8	73.3	149.5	0	ORIGINAL	
19:40	33.03	14	32.73	174.6	92.74	151.8	0		
19:40	0	0	0	0	0	0	0	Shutdown	
19:40	0	0	0	0	0	0	0	Drop Top Plug	
19:40	33.8	13.77	33.23	11.61	5.346	152.6	0		
19:40	0	0	0	0	0	0	0	Start Displacement	
19:41	33.9	13.65	33.73	1.167	6217E-5	152.7	0		
19:41	33.9	13.77	34.24	4239E-7	2226E-8	152.7	0		
19:42	33.9	13.84	34.74	1779E-10	7969E-12	152.7	0		
19:42	33.9	13.86	35.24	.0902	2853E-15	152.7	0		
19:43	34.35	11.55	35.75	26.89	28.85	153.2	0		
19:43	36.51	9.387	36.25	102.6	40.98	155.3	0		
19:44	39	8.334	36.75	86.39	40.79	157.8	0		
19:44	41.59	8.144	37.25	98.44	40.92	160.4	0		
19:45	44.2	8.149	37.76	114.4	40.69	163	0		
19:45	46.8	8.176	38.26	136.1	40.37	165.6	0		
19:46	49.38	8.223	38.77	155.2	40.19	168.2	0		
19:46	51.97	8.272	39.27	168.5	40.4	170.8	0		
19:47	54.55	8.272	39.77	186	40.08	173.4	0		
19:47	57.13	8.179	40.27	204.2	40.39	176	0		
19:48	59.72	8.237	40.78	223.7	40.36	178.5	0		
19:48	62.3	8.263	41.28	235.7	40.22	181.1	0		
19:49	64.88	8.272	41.78	259.4	40.19	183.7	0		
19:49	67.63	8.242	42.29	284	86.54	186.5	0		
19:50	70.3	8.31	42.79	315.3	88.2	189.1	0		
19:50	72.96	8.31	43.29	334.1	87.9	191.8	0		
19:51	75.59	8.31	43.8	342.5	80.94	194.4	0		
19:51	0	0	0	0	0	0	0	Lower Pump Rate	
19:51	77.11	8.31	44.3	298.7	38.17	195.9	0		
19:52	78.17	8.31	44.82	294.3	30.69	197	0		
19:52	0	0	0	0	0	0	0	Returns at Surface	
19:52	79.07	8.31	45.32	288.7	29.11	197.9	0		
19:53	79.95	8.31	45.83	283.1	29.35	198.8	0		
19:53	80.84	8.31	46.33	279.4	29.45	199.7	0		
19:54	81.73	8.31	46.83	274.7	29.51	200.5	0		
19:54	0	0	0	0	0	0	0	Bump Top Plug	
19:54	82.18	8.31	47.33	535.2	.2532	201	0		
19:54	0	0	0	0	0	0	0	Shutdown	
19:55	82.18	8.31	47.84	533.1	9066E-8	201	0		
19:55	82.18	8.31	48.34	533.8	3246E-11	201	0		
19:56	82.18	8.31	48.85	540.9	1162E-14	201	0		
19:56	82.18	8.31	49.35	542.3	416E-17	201	0		
19:57	82.18	8.31	49.85	546.5	149E-20	201	0		
19:57	0	0	0	0	0	0	0	End Job	

Well E Davis #1-2			Flow Hugoton			Service Date 7/14/97		Customer MOBIL OIL CORP V39050075		Job Number 20008039					
Time 24 hr clock	CumVol bbl	Density ppg	Elapsed Time min	Pressure U1 psi	Pump rbb/s	Rezero bbl	Message								
Post Job Summary															
Average Pump Rates, bpm					Volume of Fluid Injected, bbl										
Slurry		N2		Mud		Maximum Rate		Total Slurry		Mud		Spacer		N2	
5		0		0		5.7		125		0		0		0	
Treating Pressure Summary, psi					Breakdown Fluid										
Maximum		Final		Average		Bump Plug to		Breakdown		Type		Volume		Density	
546		546		350		533		0		✓		0 bbl		0 lb/gal	
Avg. N2 Percent		Designed Slurry Volume			Displacement		<input checked="" type="checkbox"/> Cement Circulated to Surface? Volume <u>2.8</u> bbl <input type="checkbox"/> Washed Thru Ports To 0 ft <u>5.75KS</u>								
0		0 bbl			47 bbl										
Customer or Authorized Representative Marvin Harvey					Dowell Supervisor FICA BRENNON					<input type="checkbox"/> CirculationLost		<input checked="" type="checkbox"/> Job Completed			