

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

Operator: License # 5447

Name: OXY USA Inc.

Address P. O. Box 300

City/State/Zip Tulsa, OK 74102-0300

Purchaser: Duke Pipeline

Operator Contact Persons: Raymond Hui

Phone (918) 561-3548

Contractor: Name: Cheyenne Drilling Co.

License: 5382

Wellsite Geologist: None on Loc.

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR Other (Corros. Inhib., Cathodic, etc.)
 Dry Other

If Workover:

Operator: MAR 17 1998

Well Name: CONSERVATION DIVISION

Comp. Date Old/Original Depth

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

8-18-97 8-21-97 1-19-98

Spud Date 8-18-97 Date Reached TD 8-21-97 Completion Date 1-19-98

API NO. 15-189-22218 -00-00

County Stevens

NE SW SW Sec. 33 Twp. 34S Rge. 35 X E W

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

4030 FEL 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 Koch A Well # 2

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2985' KB 2997

Total Depth 2943 PBTD 2920

Amount of Surface Pipe Set and Cemented at 762 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan A.H. 1, 5-20-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 3200 ppm Fluid volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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, 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 Raymond Hui

Title Analyst Date 1-19-98

Subscribed and sworn to before me this 19th day of January, 1998 X 1997.

Notary Public Elizabeth Kinion ELIZABETH KINION

Date Commission Expires 2-26-2000

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" 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"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

Operator Name OXY USA Inc. Lease Name Koch A Well # 2

Sec. 33 Twp. 34S Rge. 35 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: Ran cased hole log.

Name	Formation (Top), Depth and Datums	
	Top	Datum
Hollenberg	2641	354
Herington	2661	334
Krider	2692	303
Winfield	2749	246
Towanda	2815	180

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	12 1/4"	8 5/8"	24	262	Class A	270	2% CC
Production	7 7/8"	5 1/2"	14	2942	Class A	370	2% CC

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	2644-2702'	Acidized w/1000 gal.	
		7.5% HCL.	
		Frac'd W/740 bbl.	
		WF120 pad.	

TUBING RECORD Size 2 3/8" Set At 2714' Packer At 2714' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Pump Testing 1-19-98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas 182 MCF Water Bbls. Gas-Oil Ratio 1.0 Gravity 1.0

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: 2644-2702

15-189-22218

Schlumberger

Dowell

Dowell, A Division of Schlumberger Technology Corp.
204 S Missouri
Ulysses, KS

Service Order Receipt

21900
800 12259
900 27540

ORIGINAL

Job Number
2001075 20015421

Important: See other side for terms and conditions

Invoice Mailing Address:
OXY USA INC

LIBERAL, KS 67901
US

ARRIVE LOCATION	Date	Time
	8/19/97	12:30:00 AM
JOB COMPLETION	Date	Time
	8/19/97	6:04:01 AM

Service Instructions
SAFELY CEMENT 8 5/8 SURF CASING AS CUSTMER ORDERS

Service Description
Fracturing - Cem Surface Casing

Customer PO	Contract	AFE	Rig
0	0	0	CHEYENNE WELL SERVICE 3
Well	State/Province	County/Parish/Block	Legal Location
KOCH A-2	KS	Stevens	33, 34S, 35W
Field	Customer or Authorized Representative		
HOGOTON	BILL OWEN		

Material	Description	Quantity	Unit	Unit Price	Amount
Services					
102871010	Casing Cmnt 501-1000' 1st 8hr	1	EA	\$940.00	\$940.00
59200002	Mileage, All Other Equipment	50	MI	\$3.15	\$157.50
49100000	Service Chg Cement Matl Land All DW Fur	285	CF	\$1.53	\$436.05
49102000	Transportation Cement Ton Mile	658	MI	\$1.12	\$736.96
59697000	PACR Treatment Analysis Recorder	1	JOB	\$179.00	\$179.00
Services Subtotal:					\$2,449.51

Products					
D903	Cement, Class C D903	270	CF	\$0.00	\$0.00
D079	Extender, Chemical D79	338	LB	\$1.56	\$527.28
D046	Antifoam Agent, All Purpose D46	23	LB	\$3.68	\$84.64
S001	Calcium Chloride 77% S1	508	LB	\$0.48	\$243.84
D029	Cellophane Flakes D29	68	LB	\$1.91	\$129.88
53003085	Insert, Orifice Fill	1	EA	\$396.00	\$396.00
56011085	Centralizer, Regular	4	EA	\$90.00	\$360.00
56702085	Plug, Cementing 8 5/8 In Top Plastic	1	EA	\$120.00	\$120.00
56008085	Basket, Cementing 8-5/8 In	1	EA	\$294.00	\$294.00
K232	Thread Locking Compound Kit K232	1	EA	\$31.00	\$31.00
Products Subtotal:					\$2,186.64

Overall Subtotal: \$4,636.15
Less Discount: \$1,159.04
Estimated Total: \$3,477.11

The estimated charges above are subject to correction by Dowell.

Service Receipt: I certify that the materials and services listed were received and all services performed in a workmanlike manner

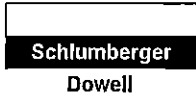
Signature of Customer or Authorized Representative
Bill Owen

Signature of Dowell Representative
DUTTON JEFFREY

Thank you for Calling Dowell!

7589.95
5692.46

2590



Stimulation Service Report ORIGINAL

Customer: **OXY USA INC** Job Number: **20015421**
20011675

Well: KOCH A-2		Location (legal): 33, 34S, 35W		Dowell Location: Ulysses, KS		Service Date: 8/18/97	
Field: HOGOTON		Formation Name/Type: Dirty-Sandstone		Deviation: 0 °	BitSize: 12.3 in	Well MD: 762 ft	Well TVD: 762 ft
County: Stevens		State/Province: KS		BHP: 0 psi	BHST: 0 °F	BHCT: 0 °F	Pore Pres Gradient: 0 psi/ft
Rig Name: ENNE WELL SER	Drilled For: Gas	Service Via: Land		Casing			
Water Depth: 0	Well Class: 101	Well Type: Development		Depth, ft: 749	Size, in: 8.63	Weight, lb/ft: 24	Grade: K55
Primary Treating Fluid: 0 lb/1000gal	Polymer Loading: 0 lb/1000gal	Fluid Density: lb/gal		Depth, ft: 0	Size, in: 0	Weight, lb/ft: 0	Grade: 0
Service Line: Fracturing	Job Type: Cem Surface Casing		WellHead Connection: Single cement head	Perforated Intervals			
Max. Allowed Tubing Pressure: 0 psi	Max. Allowed Ann. Pressure: 0 psi	WellHead Connection: Single cement head		Top, ft: 0	Bottom, ft: 0	spf: 0	No. of Shots: 0
Service Instructions: SAFELY CEMENT 8 5/8 SURF CASING AS CUSTMER ORDERS				Total Interval: 0 ft	Diameter: 0 in	Packer Type: 0	Packer Depth: 0 ft
				Treat Down: 0	Displacement: 46 bbl	Casing Vol.: 0 bbl	AnnularVol.: 0 bbl
				Casing: 0	Displacement: 46 bbl	Casing Vol.: 48.6 bbl	AnnularVol.: 0 bbl
Job Scheduled For: 8/19/97 0:30	Arrived on Location: 8/19/97 0:30	Leave Location: 8/19/97 6:30		Tubing Vol.: 0 bbl	Casing Vol.: 48.6 bbl	AnnularVol.: 0 bbl	OpenHoleVol: 0 bbl

Time	CumVol	Density	Pressure U1	Pump					Message
24 hr clock	bbl	ppg	psi	bpm					
5:16	0	0	0	0	0	0	0	0	START ACQUISITION
5:16	0	8.31	-4.568	0	0	0	0	0	
5:16	.3302	8.315	626.1	.1546	0	0	0	0	
5:17	.3472	8.319	1776	3404E-7	0	0	0	0	
5:17	.3472	8.3	508.5	1588E-10	0	0	0	0	
5:18	.3472	8.292	-1.276	7405E-14	0	0	0	0	
5:18	1.315	8.38	112.7	5.129	0	0	0	0	
5:19	4.009	8.399	117.1	5.592	0	0	0	0	
5:19	6.728	8.37	111	5.587	0	0	0	0	
5:20	9.447	8.356	154	5.592	0	0	0	0	
5:20	12.17	10.16	155	5.585	0	0	0	0	[CumVol]=12.17 bbl
5:20	0	0	0	0	0	0	0	0	Reset Volume
5:20	0	0	0	0	0	0	0	0	Start Mixing Lead Slurry
5:21	2.625	11.67	208.4	5.595	0	0	0	0	
5:21	5.344	11.27	186.9	5.592	0	0	0	0	
5:22	8.061	11.35	182.6	5.589	0	0	0	0	
5:22	10.78	11.39	173.7	5.592	0	0	0	0	
5:23	13.51	11.32	166.1	5.59	0	0	0	0	
5:23	16.23	11.06	157.7	5.593	0	0	0	0	
5:24	18.95	10.9	154.6	5.59	0	0	0	0	
5:24	21.66	11.28	154.9	5.585	0	0	0	0	
5:25	24.38	11.29	160.9	5.592	0	0	0	0	MAR 17 1998
5:25	27.11	10.84	149.8	5.594	0	0	0	0	
5:26	29.83	11.01	141.2	5.598	0	0	0	0	
5:26	32.55	11.52	154.9	5.592	0	0	0	0	CONSERVATION DIVISION WYLLIA, KS
5:27	35.27	11.2	147.5	5.592	0	0	0	0	
5:27	37.98	11.18	138	5.593	0	0	0	0	
5:28	40.71	11.2	139.8	5.592	0	0	0	0	
5:28	43.43	11.15	135.4	5.601	0	0	0	0	

Well		Field				Service Date	Customer			Job Number
KOCH #A-2		HOGOTON				8/18/97	OXY USA INC			2001541 50011575
Time	CumVol	Density	Pressure U1	Pump					Message	
24 hr clock	bbl	ppg	psi	bpm						
5:29	46.15	11.17	135.7	5.592	0	0	0	0		
5:29	48.87	11.24	136.8	5.593	0	0	0	0		
5:30	51.59	11.33	133.1	5.592	0	0	0	0		
5:30	54.32	11.32	135.7	5.592	0	0	0	0		
5:31	57.03	11.05	125	5.592	0	0	0	0		
5:31	59.75	11.13	129.4	5.592	0	0	0	0		
5:32	62.47	10.9	110.6	5.592	0	0	0	0		
5:32	0	0	0	0	0	0	0	0	End Lead Slurry	
5:32	0	0	0	0	0	0	0	0	Start Mixing Tail Slurry	
5:32	0	0	0	0	0	0	0	0	[CumVol]=64.34 bbl	
5:32	0	0	0	0	0	0	0	0	Reset Volume	
5:32	.7498	14.85	212.1	5.591	0	0	0	0		
5:33	3.48	14.87	238.9	5.592	0	0	0	0		
5:33	6.197	15.14	247.4	5.589	0	0	0	0		
5:34	8.916	14.78	230.8	5.592	0	0	0	0		
5:34	11.63	14.95	228.3	5.591	0	0	0	0	KANSAS CO	
5:34	14.35	14.85	224.4	5.592	0	0	0	0		
5:35	17.08	14.77	214.5	5.592	0	0	0	0		
5:35	19.8	15.03	218.7	5.591	0	0	0	0		
5:36	22.52	14.88	220	5.593	0	0	0	0		
5:36	25.24	14.74	211.1	5.592	0	0	0	0	CONS.	
5:37	27.95	14.89	212.5	5.593	0	0	0	0		
5:37	30.67	15.12	217.6	5.592	0	0	0	0		
5:38	33.39	14.4	201.3	5.59	0	0	0	0		
5:38	0	0	0	0	0	0	0	0	End Tail Slurry	
5:38	0	0	0	0	0	0	0	0	[CumVol]=34.08 bbl	
5:38	0	0	0	0	0	0	0	0	Reset Volume	
5:38	9083E-7	13.97	1.395	8722E-6	0	0	0	0		
5:38	0	0	0	0	0	0	0	0	Drop Top Plug	
5:39	0	0	0	0	0	0	0	0	Start Displacement	
5:39	0	0	0	0	0	0	0	0	PAUSE ACQUISITION	
5:41	0	0	0	0	0	0	0	0	RESTART AFTER PAUSE	
5:41	1389E-6	13.98	-4.887	2393E-26	0	0	0	0		
5:42	.9573	13.96	12.98	3.878	0	0	0	0		
5:42	2.857	10.03	74.15	3.926	0	0	0	0		
5:43	4.765	9.038	39.5	3.935	0	0	0	0		
5:43	0	0	0	0	0	0	0	0	Returns at Surface	
5:43	6.677	8.645	31.25	3.937	0	0	0	0	448815 / 7.3515	
5:44	8.59	8.366	33.94	3.939	0	0	0	0		
5:44	10.5	8.36	34.41	3.942	0	0	0	0		
5:45	12.42	8.381	20.11	3.946	0	0	0	0		
5:45	14.35	8.387	16.58	3.962	0	0	0	0		
5:46	16.27	8.388	18.22	3.962	0	0	0	0		
5:46	18.19	8.391	22.25	3.95	0	0	0	0		
5:47	20.11	8.37	28.12	3.934	0	0	0	0		
5:47	22.02	8.409	31.88	3.915	0	0	0	0		
5:48	23.92	8.415	48.57	3.895	0	0	0	0		
5:48	25.81	8.402	63.6	3.9	0	0	0	0		
5:49	27.7	8.398	78.29	3.888	0	0	0	0		
5:49	29.59	8.399	90.2	3.869	0	0	0	0		
5:50	31.47	8.398	111.4	3.867	0	0	0	0		
5:50	33.36	8.407	126.4	3.86	0	0	0	0		
5:51	35.23	8.404	142.4	3.844	0	0	0	0		
5:51	37.1	8.4	161.1	3.834	0	0	0	0		

Well		Field				Service Date		Customer		Job Number	
KOCH #A-2		HOGOTON				8/18/97		OXY USA INC		20015421 20011076	
Time	CumVol	Density	Pressure U1	Pump					Message		
24 hr clock	bbl	ppg	psl	bpm							
5:52	38.96	8.414	181.5	3.825	0	0	0	0			
5:52	0	0	0	0	0	0	0	0	Lower Pump Rate		
5:52	40.63	8.395	162.5	1.982	0	0	0	0			
5:53	41.56	8.385	172.5	1.893	0	0	0	0			
5:53	42.48	8.382	177.5	1.894	0	0	0	0	ORIGINAL		
5:54	43.39	8.385	187.7	1.883	0	0	0	0			
5:54	44.31	8.372	195.5	1.886	0	0	0	0			
5:55	45.23	8.371	204.9	1.883	0	0	0	0			
5:55	0	0	0	0	0	0	0	0	Bump Top Plug		
5:55	46.14	8.385	474.6	1.434	0	0	0	0			
5:55	46.22	8.323	747	6768E-7	0	0	0	0			
5:56	46.22	8.305	744.4	3157E-10	0	0	0	0			
5:56	46.22	8.31	6.751	1472E-13	0	0	0	0			
5:57	46.22	1.508	-2.715	6868E-17	0	0	0	0			
5:57	46.22	5696E-5	-3.433	3203E-20	0	0	0	0			
5:58	0	0	0	0	0	0	0	0	End Job		
Post Job Summary											
Average Injection Rates, bpm					Volume of Fluid Injected, bbl						
Fluid	N2		CO2		Maximum Rate	Clean Fluid	Acid	Oil	N2	CO2	
	0	0	0	0	0	0	0	0	0	0	
Treating Pressure Summary, psi						Quantity of placed, lb					
Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP	Total Injected	Total Ordered/Designed				
0	0	0	0	0	0	0	0				
N2 Percent		CO2 Percent		Designed Fluid Volume		Displacement		Slurry Volume		Pad Volume	Percent Pad
0 %		0 %		0 bbl		0 bbl		0 bbl		0 gal	0 %
Customer or Authorized Representative				Dowell Supervisor			Number of Stages		Fracture Gradient		<input type="checkbox"/> Job Completed
BILL OWEN				DUTTON JEFFREY			0		0 psi/ft		<input type="checkbox"/> Screen Out

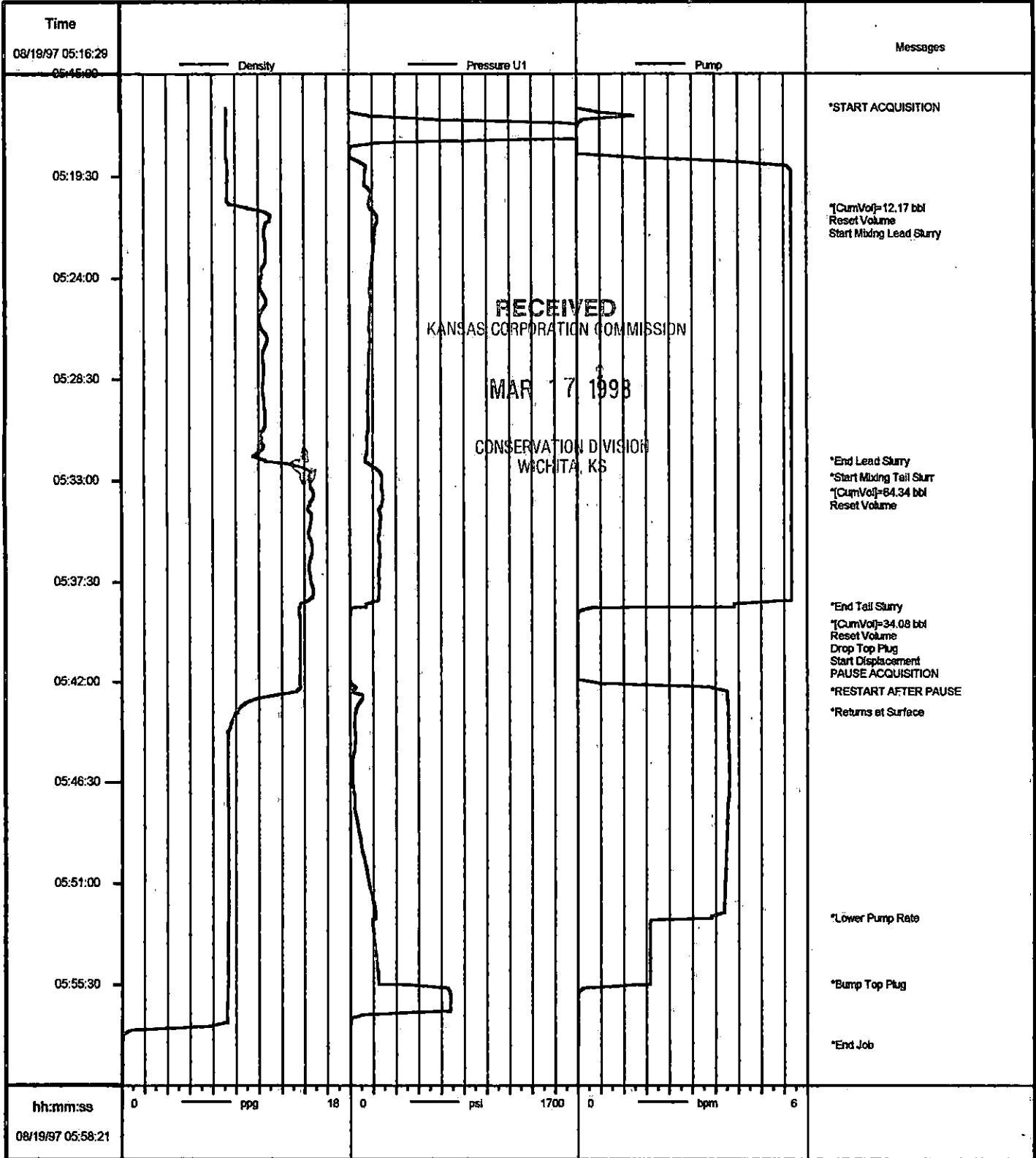
RECEIVED
KANSAS CORPORATION COMMISSION

MAR 17 1998

CONSERVATION DIVISION
WICHITA, KS

Well	KOCH A-2	Client	OXY
Field	HUGOTON	SIR No.	20011575 20015481
Country	USA	Job Date	8/19/97 5:16:29 AM

ORIGINAL



Job: oxy1575

08/19/1997 08:24

hh:mm:ss
08/19/97 05:58:21