

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ORIGINAL

Form ACO-1
September 1999

Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5447
Name: OXY USA, Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Pending
Operator Contact Person: Jerry Hunt
Phone: (316) 629-4200
Contractor: Name: DUKE DRILLING INC
License: 5929

API No. 15 - 189-223540000
County: STEVENS
- W/2 - E/2 - NE Sec 11 Twp. 32 S. R. 39W
1372 feet from S (N) (circle one) Line of Section
1055 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: MLP SCHMIDT B Well #: 1
Field Name: SIMMONS

Wellsite Geologist: CURTIS E. COVEY
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl, Cathodic, etc)

Producing Formation: _____
Elevation: Ground: 3200 Kelly Bushing: 3212
Total Depth: 6064 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1698 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. Enhr. SWD
 Plug Back Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
10-07-00 10-17-00 _____
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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RECEIVED
KANSAS CORPORATION COMMISSION
Wichita, Kansas
NOV 14 2000
MAY 15 2000

CONSERVATION DIVISION
Wichita, Kansas

Drilling Fluid Management Plan ACT 1 P.A
(Data must be collected from the Reserve Pit)
Chloride content 800 ppm Fluid volume 1675 bbls
Dewatering method used EVAPORATION
Location of fluid disposal if hauled offsite: _____
Operator Name: RELEASED
Lease Name: _____ License No.: _____
Quarter _____ Sec. MAY 18 2000 East West
County: _____ Docket No.: 3-18-02

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, 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 of 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: [Signature]
Title: Capital Project Date: 11-14-00
Subscribed and sworn o before me this 14th day of November
20 00
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2001

KCC Office Use Only

Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

KCC

NOTARY PUBLIC, State of Kansas
ANITA PETERSON
My Appt. Exp. Oct. 1, 2001

X

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Side Two

Operator Name: OXY USA, Inc. Lease Name: MLP SCHMIDT B Well #: 1

Sec. 11 Twp. 32 S. R. 39W East West County: STEVENS

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOPEKA	3419	-204
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3969	-754
List All E. Logs Run:	GEO. REPORT NEUTRON LOG	LANSING	4079	-864
	GAMMA LOG INDUCTION LOG	MARMATON	4745	-1530
		CHEROKEE	4978	-1763
		MORROW	5518	-2303
		CHESTER	5944	-2729

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
Conductor					C		
Surface	12 1/4	8 5/8	24	1698	C	580	2%CC 1/4# FLOCELE
Production					C		

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
	PER KCC PUMP 100SXS PLUG @ 3050', 50SXS PLUG	@ 1720' 40SXS PLUG @ 500', 10SXS PLUG @	
	40', RAT HOLE 15SXS AND MOUSE HOLE 10SXS.	ALL CEMENT 60/40 POZ 6% GEL PUMP @	
	10:30 P.M. 10-17-00 COMPLETE @ 2:30 A.M. 10-18-00		

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 Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil BbLS	Gas Mcf	Water BbLS	Gas-Oil Ratio	Gravity
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Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, Submit ACO-18) Other (Specify) PLUG AND ABANDON

JOB SUMMARY

ORDER NO. 70006

TICKET # **926939** TICKET DATE **10-17-00**
 BDA / STATE **KS** COUNTY **Stevens**
 PSL DEPARTMENT **2I ORIGINAL**
 CUSTOMER REP / PHONE **David Rice 629-3596**
 API / UWI # **15-189-22354**
 JOB PURPOSE CODE **115**

REGION **North America** NW / COUNTRY **Mid Cont. U.S.A.**
 EMPLOYEE NAME **Scott Engel**
 LOCATION **General** COMPANY **Oxy U.S.A.**
 TICKET AMOUNT **5531.25** WELL TYPE **O/I**
 WELL LOCATION **Hugoton Area** DEPARTMENT **2I**
 LEASE / WELL # **MCD Schmidt B-1** SEC / TWP / RNG **11-32S-39W**

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
S. Engel-106099			
T. Davis-106304			
J. Clemens-192516			
C. Garza-194445			

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HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
54218-78002	70						
52920-77031	25						

KCC

Form Name _____ Type: **NOV 14, 2000**
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
1900	2200	2248 10-17-00	0229 10-18-00

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing					
Liner					
Liner					
Tbg/D.P.	Used	16.6	4 1/2	4B	3050
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Packer Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
10-17-00	2	10-17-00	1/2	Plug to Abandon
10-18-00	3	10-18-00	1	
TOTAL	5	TOTAL	1 1/2	

RELEASED
MAR 18 2002
FROM CONFIDENTIAL

ORDERED	HYDRAULIC HORSEPOWER	Used
	Avail.	
TREATED	AVERAGE RATES IN BPM	Overall
	Disp.	
FEET	CEMENT LEFT IN PIPE	Reason

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	225	40/60 Pbz	Bulk	60% Gel	1.54	13.5

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI 2274-137-109-95	
		Total Volume Gal - BBI 6.7	

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
THE INFORMATION STATED HEREIN IS CORRECT		CUSTOMER'S REPRESENTATIVE SIGNATURE _____	

REGION **North America**

CONFIDENTIAL COUNTRY **U.S.A**

BDA / STATE **KS**

COUNTY **STEVENS**

MBU ID / EMP # **MLL10103-106094**

EMPLOYEE NAME **Scott Engel**

PSL DEPARTMENT **2L ORIGINAL**

LOCATION **Liberal**

COMPANY **Oxy U.S.A**

CUSTOMER REF / PHONE **David Rice 629-3596**

TICKET AMOUNT **5,531.25**

WELL TYPE **OPI**

API / UWI # **15-189-22354**

WELL LOCATION **Hughton Area**

DEPARTMENT **2L**

JOB PURPOSE CODE **115**

LEASE / WELL **MCP Schmidt B-1**

SEC / TWP / RNG **11-22S-39W**

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
S. Engel - 106094 5			
J. Lewis - 106704 5			
J. Clemens - 198566 5			
C. Garza 5			

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CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	2200							on loc. KCC
	2248							hook up Halliburton
	2250	6	27.4			225		Pump Cmt 13.5# NOV 14 2000
	2302	3.5	3.2			97		Pump th 0 DSP
	2305	3.5	29.2			125		Pump Mud DSP CONFIDENTIAL
	2305	6				250		Balance Plug #1
	2316							Pull D.P. to next plug
	2303							hook up Halliburton
	0004		10			125		Pump th 0 spacer
	0007		13.7			120		Pump Cmt 13.5#
	0022		3.5			140		Pump th 0 DSP
	0024					140		Pump Mud DSP
	0027							Balance Plug #2
	0028							Pull D.P. to next plug
	0110							hook up Halliburton
	0115							Pump th 0
	0124		10.9					Pump Cmt 13.5#
	0126		5					Pump th 0 DSP
	0128							Balance Plug
	0132		9.5					Pull D.P. to next plug
	0220		9.5			80		plug to surface and Rat & mouse
	0229							end job

Thanks for
calling the
Scott
Crew
Halliburton

RELEASED

MAR 18 2002

FROM CONFIDENTIAL

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KGC

ORIGINAL



HALLIBURTON

Work Order Contract

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Halliburton Energy Services, Inc. Houston Texas 77056

NOV 1 2000 Order Number

936938

CONFIDENTIAL

70012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. B-1	Farm or Lease MLP Schmidt	County Stevens	State KS	Well Permit # 15-184-22354
Customer	Well Owner		Job Purpose 115 Plug	

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sale, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION - Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: [Signature] CUSTOMER Authorized Signatory DATE: _____ TIME: _____ A.M./P.M.

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER _____ FROM CONFIDENTIAL _____ CUSTOMER Authorized Signatory

White-Office Canary-Field Office Pink-Customer Green-Retain

JOB SUMMARY

ORDER NO. 70006

TICKET #	921964	TICKET DATE	10-8-00
BDA / STATE	KS, ORIGINAL	COUNTY	Stevens
PSL DEPARTMENT	2I	CUSTOMER REP / PHONE	David Rice 629-3596
API / UWI #	15-189-22354	JOB PURPOSE CODE	010

REGION North America
 MBRAD/EMP # MCL10103-106099
 LOCATION Liberal
 TICKET AMOUNT 9,331.72
 WELL LOCATION Hugoton Area
 LEASE / WELL # MLP Schmidt B1

NW / COUNTRY M.D. Cont. U.S.A
 EMPLOYEE NAME Scott Engel
 COMPANY Oxy U.S.A
 WELL TYPE Oil
 DEPARTMENT 2I
 SEC / TWP / RNG 11-32S-39W

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
J. Engel - 106099	63						
T. Davis - 106304	63						
J. Wood - 213686	63						
P. Wyman - 209447	63						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
54218-78202	20						
53336-75819	25						
52939-77031	25						

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Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal	%
Acid Type	Gal	%
Surfactant	Gal	ln
NE Agent	Gal	ln
Fluid Loss	Gal/Lb	ln
Gelling Agent	Gal/Lb	ln
Fric. Red.	Gal/Lb	ln
Breaker	Gal/Lb	ln
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	0600	1000	1442	1550

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	New	24	8 5/8	KIS	1700	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
10-3-00	63	10-3-00	1	Cont. Surface Log
TOTAL	63	TOTAL	1	

ORDERED	HYDRAULIC HORSEPOWER	Used
	Avail.	
TREATED	AVERAGE RATES IN BPM	Overall
	Disp.	
FEET	CEMENT LEFT IN PIPE	Reason

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	RELEASED	YIELD	LBS/GAL
1	480	PP H/C	Bulk	2% CC, 1/4# Flocele		2.19	12.2
	100	Prem Pb	Bulk	2% CC, 1/4# Flocele	MAR 18 2002	1.34	14.2

FROM CONFIDENTIAL

Circulating Breakdown	Displacement Maximum	Preflush: Gal - BBI	Type
Average	Frac Gradient	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Shut In: Instant	5 Min 15 Min	Treatment Gal - BBI	Disp: BBI Gal 105
		Cement Slurr Gal - BBI	
		Total Volume Gal - BBI	179.5 - 238

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE _____



HALLIBURTON CONFIDENTIAL

JOB LOG

ORDER NO. 70006

TICKET #	921964	TICKET DATE	10-8-00
REGION	North America	BOA/STATE	KS
LOCATION	Liberal	COUNTY	Stevens
WELL ID / EMP #	M/L 0105-106099	PSL DEPARTMENT	2 ORIGINAL
EMPLOYEE NAME	Scott Engel	CUSTOMER REP / PHONE	David Rice - 629-596
COMPANY	Oxy U.S.A.	API / UMI #	15-189-22354
WELL TYPE	01	JOB PURPOSE CODE	010
DEPARTMENT	2I		
LEASE / WELL	MCP Schmidt B-1		
SEC / TWP / RNG	11-325-39W		

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
S. Engel-106099	03						
T. Davis-106304	03						
J. Ward-213686	03						
D. Wymca-30994753	03						

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NOV 14 2000

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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (psl)		JOB DESCRIPTION / REMARKS
				T	C	Top	Csg	
	10:00							On loc. Rig has 45+ to D-11
	12:15							Start C500
	14:15							C50 on Bottom
	14:25							Break C50
	14:40							Hook to Halliburton
	14:44							Pressure test
	14:47	6	1795			186		Pump lead
	14:15	6	238			150		Pump tail
	15:20					0		Dead plug
	15:22	6	1055			117		Start Plug
	15:30	2				453 1000		Bump Plug
								Release Pressure - Hard

Thanks for
 Halliburton
 Scott Rice
 crew

RELEASED

MAR 18 2002

FROM CONFIDENTIAL