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ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5447
Name: OXY USA, Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Pending
Operator Contact Person: Vicki Carder
Phone: (316) 629-4200

API No. 15 - 081-21381-0000
County: Haskell
N/2 - NE - NE Sec 19 Twp. 27 S. R 33W
442 feet from S (N) Line of Section
616 feet from (E) W Line of Section

Contractor: Name: Cheyenne Drilling Inc.
License: 5382
Wellsite Geologist: Tom Heflin

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Frey G Well #: 1
Field Name: Wildcat

Designate Type of Completion:
[X] New Well [] Re-Entry
[] Oil [] SWD [] SIOW [] Temp. Abd.
[] Gas [] ENHR [] SIGW
[] Dry [] Other (Core, WSW, Expl, Cathodic, etc)

Producing Formation: NA
Elevation: Ground: 2952 Kelly Bushing: 2965
Total Depth: 5480 Plug Back Total Depth: 5436

If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.
Well Name:

Amount of Surface Pipe Set and Cemented at 1748 feet
Multiple Stage Cementing Collar Used? [X] Yes [] No
If yes, show depth set 3090
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.

Original Comp. Date: Original Total Depth:
Deepening Re-perf. Conv. To Enhr./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 3800 ppm Fluid volume 1500 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:

Spud Date or Date Reached TD Completion Date or Recompletion Date
02/23/01 03/02/01 08/30/01

Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. East West
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 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: Vicki Carder
Title: Capital Projects Date: 4/09/01
Subscribed and sworn to before me this 9th day of April
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2001

KCC Office Use Only
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
UIC Distribution
KCC APR 09 2002 CONFIDENTIAL

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

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Side Two

Operator Name: OXY USA, Inc. Lease Name: Frey G Well #: 11700
 Sec. 19 Twp. 27 S. R. 33W East West County: Haskell

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: <input checked="" type="checkbox"/> Induction <input checked="" type="checkbox"/> Microlog <input checked="" type="checkbox"/> Neutron <input checked="" type="checkbox"/> Sonic <input checked="" type="checkbox"/> Geological Report	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Name</td> <td style="width: 20%;">Top</td> <td style="width: 20%;">Datum</td> </tr> <tr> <td>Winfield</td> <td>2684</td> <td>+281</td> </tr> <tr> <td>Council Grove</td> <td>2872</td> <td>+93</td> </tr> <tr> <td>Heebner</td> <td>4014</td> <td>-1049</td> </tr> <tr> <td>Toronto</td> <td>4032</td> <td>-1067</td> </tr> <tr> <td>Lansing</td> <td>4110</td> <td>-1145</td> </tr> <tr> <td>Marmaton</td> <td>4662</td> <td>-1697</td> </tr> <tr> <td>Cherokee</td> <td>4876</td> <td>-1911</td> </tr> </table> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">KCC</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">APR 09 2002</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold; opacity: 0.5;">CONFIDENTIAL</p> <p>(See Third Page)</p>	Name	Top	Datum	Winfield	2684	+281	Council Grove	2872	+93	Heebner	4014	-1049	Toronto	4032	-1067	Lansing	4110	-1145	Marmaton	4662	-1697	Cherokee	4876	-1911
Name	Top	Datum																							
Winfield	2684	+281																							
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Lansing	4110	-1145																							
Marmaton	4662	-1697																							
Cherokee	4876	-1911																							

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	1748	C	550	2% CC, 1/8# Polyflake
Production	7 7/8	5 1/2	15.5	5480	C	225	4# Calseal, 5# Gilsonite, 10% Salt, .5% Halad-322

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	2352-3090	C	120	4# Calseal, 5# Gilsonite, 10% Salt, .5 Halad-322 (Port Collar)
<input type="checkbox"/> Plug Back TD				
<input checked="" 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
4	5282-5298	2000 Gal 17% HCL-FE Acid - 18500 Gal 20# Delta Gel	
		19400# 20/40 Ottawa Sand	
	CIBP @ 5262 W/ 2 sx. cmt.		
2	5214-5216, 5202-5205, 5194-5200, 5174-5180, 5134-5138	2000 Gal 7.5% HCL-FE Acid - 28200 Gal 20# Delta Gel	
		32000# 20/40 Sand (See Third Page)	

TUBING RECORD	Size NA	Set At NA	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. NA	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) Dry Hole
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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
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>Dry Hole</u>	

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Frey G-1 Third Page

LOG

FORMATION TOP DEPTH AND DATUM

NAME	TOP	DATUM
Morrow	5064	-2099
Chester	5218	-2253
St. Gen.	5392	-2427

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RELEASED

MAY 21 2002

FROM CONFIDENTIAL

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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
	CIBP @ 5000 W/2 sx. cmt.		
4	4698-4702	500 Gal 15% HCL Acid	
	CIBP @ 4500' W/2 sx. Cmt.		

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JOB SUMMARY - 70006

REGION North America	NWA/COUNTRY MID-CON	TICKET # 1174511	TICKET DATE 3-4-01
MBU ID / EMP # 105824	EMPLOYEE NAME A. D. SCHROEDER	BDA / STATE KS	COUNTY HASKELL
LOCATION LIBERAL KS	COMPANY OXY-USA	PSL DEPARTMENT ZI	RELEASED
TICKET AMOUNT 10075.04	WELL TYPE GAS	CUSTOMER REP / PHONE	MAY 21 2002
WELL LOCATION S. GARDEN CITY KS	DEPARTMENT ZI	API / UWI #	FROM CONFIDENTIAL
LEASE / WELL # ARCW-6-1	SEC / TWP / RNG 19-275-33W	JOB PURPOSE CODE 5 1/2 L.S.	
		HES FACILITY (CLOSEST TO WELL SITE) LIBERAL KS	

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
A. D. SCHROEDER 105824	12	S. FATE 105953	12	D. WILLIE 225409	12	COCHRAN 217398	12
HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES	HES UNIT NUMBERS	RT MILES
421269	110						
54038-77941	110						
52942-75819	55						

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
3-3-01 1900		3-3-01 2230	3-4-01 0830	3-4-01 1030

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar SCRTMENS	8	HOLUCO
Float Shoe CLAMP	1	
Guide Shoes	1	
Centralizers	13	
Bottom Plug	1	
Top Plug	1	
Head	1	
Packer IAF	1	
Other WELP A	1	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	U	15.5	5 1/2	0	51.0	
Liner						
Liner						
Tog/D.P.						
Tbg/D.P.						
Open Hole						
Perforations						
Perforations						
Perforations						

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.	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	in
Perfpac Balls	Qty	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				KCC
				APR 09 2002
				CONFIDENTIAL
TOTAL		TOTAL		

ORDERED	HYDRAULIC HORSEPOWER	Used
TREATED	Average Rates in BPM	Overall
FEET 47	CEMENT LEFT IN PIPE	Reason SPICE SHORT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	225	50/50 PZ H	5	4# CAL SEAL 5# GILL WHITE 10% SALT 5% HAIN 2322	1.50	13.25

Circulating _____ Displacement _____ Preflush: Get-BBL **10** Type **Surf. Fluid**
 Breakdown _____ Maximum _____ Load & Bkdn: Gal-BBI _____ Pad: BBI-Gal **10**
 Average _____ Frac Gradient _____ Treatment: Get-BBI **10** Disp: BBI-Get **1077**
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr: Gal-BBI **100**
 Total Volume: Get-BBI **235**

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



JOB LOG

ORDER NO. 70008

TICKET #	1174511	TICKET DATE	5-9-02
BOA / STATE	KS	CLIENT	WILLIAMS
EMPLOYEE NAME	A. D. SCHRÖDER	PR. DEPARTMENT	2 I
LOCATION	LIBERAL KS	CUSTOMER REP / PHONE	
TICKET AMOUNT	10075.04	API / UWI #	
WELL LOCATION	5 - GARDEN CITY	JOB PURPOSE CODE	5 1/2 L.S.
LEASE / WELL #	FREY G-1	HES FACILITY (CLOSEST TO WELL SITE)	LIBERAL KS

REGION	North America	NWA / COUNTRY	MID-CO
MBU ID / EMP #	105824	EMPLOYEE NAME	A. D. SCHRÖDER
LOCATION	LIBERAL KS	COMPANY	OXY-USA
TICKET AMOUNT	10075.04	WELL TYPE	GAS
WELL LOCATION	5 - GARDEN CITY	DEPARTMENT	2 I
LEASE / WELL #	FREY G-1	SEC / TWP / RNG	19-27S-33W

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
A. D. SCHRÖDER 105824	12	S. TATE 105953	12	D. WILLIE 225409	12	COCHRAN 217398	12

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tog	Csg	
3-3-01	1900							CALLED OUT
	2230							ON LOC - PULL R.P.
3-4-01	0130	5430						START CSG
	0215	5415						SAFETY MEETING / CIR HOLE
	0920	89						DROP BOTTOM PLUG
	0925	5.5	10		✓	380		PUMP CG WATER
	0927	5.5	5		✓	380		" FRESH "
	0928	5.5	10		✓	390		" SUPER FLUSH
	0930	5.5	5		✓	390		" FRESH WATER
	0932	5	60		✓	350		OUT + PUMP CMT
	0944					8		DROP TOP PLUG
	0945					8		WASH PUMP + LINES
	0946	7			✓	100		START DISPLACEMENT
	1005	3			✓	1030		SLOW RATE DOWN
	1009		129.5		✓	905-1310		LAND PLUG
	1011					8		REL PSI - FLT HOLDING
	1030							JOB COMPLETE

Shank

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HALLIBURTON

Work Order Contract

Halliburton Energy Services, Inc.
Houston Texas 77056

Order Number

1174511

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:

Table with columns: Well No. (G1), Farm or Lease (FREY), County (HASKELL), State (KS), Well Permit #, Customer (OXY-USA), Well Owner (SAME), Job Purpose (5/2 L.S.)

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.
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.
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.

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 sole, 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.

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.

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.

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.

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 invalidity 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.

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.

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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.

RELEASED

SIGNED: [Signature] CUSTOMER Authorized Signatory

DATE: 3-3-01 TIME: 2:30 P.M.

MAY 21 2002

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Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1174511

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[Signature] CUSTOMER Authorized Signatory

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White-Office

Canary-Field Office

Pink-Customer

Green-Retain



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JOB SUMMARY 70006

TICKET #	1185-234	TICKET DATE	3-12-01
BDA / STATE	Ks	COUNTY	Haskell
PSL DEPARTMENT	21	CUSTOMER REP / PHONE	
		Josh Yurkain	
API / UWI #	JOB PURPOSE CODE		
		060	
HES FACILITY (CLOSEST TO WELL SITE)		Liberal	

REGION	North America	NWA / COUNTRY	Mid Cent
MBU ID / EMP #	MGL1010 106328	EMPLOYEE NAME	Nick Karbe
LOCATION	Liberal	COMPANY	OxyUSA
TICKET AMOUNT	\$6221.59	WELL TYPE	01
WELL LOCATION	1425 W of Sublette	DEPARTMENT	Cement
LEASE / WELL #	Liberal	SEC / TWP / RNG	19-27S-33W

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
Ni Karbe 106328	3.5						
J. Eustas 212723	3.5						
V. Schwab 222552	1.5						
RELEASED							
MAY 21 2002							
FROM CONFIDENTIAL							

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 Shoes		
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.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Frc. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty	
Other		
Other		
Other		
Other		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
3-12-01	0500	3-12-01	0815	3-12-01	0950
					1050

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5 1/2	0	30.80'	
Liner						
Liner						
Tbg/D.P.	N	4.7	2 1/8	0	30.80'	
Tbg/D.P.						SHOTS/FT.
Open Hole						
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
3-12-01	hr	3-12-01	hr	060
TOTAL	hr	TOTAL	hr	

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	33	Portland H	B	4% Calseal, 5% gilsonite, 10% Salt, 5% Haled-322	1.49	13.8

OPERATING HOURS

Ordered	Feet	Hydraulic Horsepower	Used
Treated		Average Rates in BPM	Overall
Feet	0	Cement Left in Pipe	Reason

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE _____

TICKET #	TICKET DATE
1125224	7-12-01
BDA / STATE	COUNTY
WORK OI	Contract
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	
HES FACILITY (CLOSEST TO WELL SITE)	

REGION	North America
MBU ID / EMP #	1110001 116228
LOCATION	Liberal
TICKET AMOUNT	1125224
WELL LOCATION	116228
LEASE / WELL #	116228

NWA / COUNTRY	Mexico
EMPLOYEE NAME	Nick Karkic
COMPANY	Ory USA
WELL TYPE	Oil
DEPARTMENT	Contract
SEC / TWP / RNG	19-37-24

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
1110001 116228	3.5						
1110001 116228	3.5						
1110001 116228	1.5						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tdg	Csg	
1021	0800							called out
	0815							Hold Safety mtg
								Set up Trks
								RELEASED
	0953					2000		Test lines
	0954					1500		press csg
								open PC
	1006	2	0			325		st cut
	1015	2	2210			315		st cut 120 sks @ 13.8"
	1030	2	3110					100 end cut/st disp
	1036		115					600 end disp
								1500 close PC
	1037					1500		press csg
								run 15 ft
	1045	1	0			750		trv out
	1050		20					hole clean shutdown

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COPY

Job complete
Thank you
Nick & crew



HALLIBURTON

Work Order Contract

Halliburton Energy Services, Inc.
Houston Texas 77056

Order Number

1185234

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:

Form with fields: Well No., Farm or Lease, County, State, Well Permit #, Customer, Well Owner, Job Purpose. Includes handwritten entries like 'Dxy USA', 'Frey', 'Haskell', 'K', '060'.

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.

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.

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 sole, 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.

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.

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.

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.

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: 3-12-01 TIME: 1:58 PM

Customer Acceptance of Materials and Services CONFIDENTIAL

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1185234

White-Office

Canary-Field Office

Pink-Customer

Green-Retain

FROM CONFIDENTIAL

RELEASED

MAY 21 2002

COPY



HALLIBURTON

CONFIDENTIAL

JOB SUMMARY 70006

TICKET #	1160372	TICKET DATE	2-25-01
BOA/STATE	KS	COUNTY	LIBERAL
PSL DEPARTMENT	ZONAL ISOLATION		
CUSTOMER REP / PHONE	JOSH 15-081-21381		
API / UWI #	15-081-21381		
JOB PURPOSE CODE	O/O		
HES FACILITY (CLOSEST TO WELL SITE)	LIBERAL KS		

REGION	North America	SWA / COUNTRY	MID-CONTINENT
MBU ID / EMP #	MCL 10104 105848	EMPLOYEE NAME	JOHN WOODROW
LOCATION	LIBERAL KS	COMPANY	OKY U.S.A
TICKET AMOUNT	89915.98	WELL TYPE	01
WELL LOCATION	SUBLETTE	DEPARTMENT	CEMENT
LEASE / WELL	FRY G-1	SEC / TWP / RNG	19-27S-33W

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. Woodrow 105848		G. GARZA 194445					
J. REINER 106056		J Lopez 105989					
RELEASED							
MAY 21 2002							
FROM CONFIDENTIAL							

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
TIME	2-24-01	2-24-01	2-25-01	2-25-01

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY	MAKE	
Float Collar		H	
Float Shoe			
Guide Shoes REG 8 7/8	1	O	
Centralizers S-41 8 7/8	5		
Bottom Plug		W	
Top Plug S-6 8 7/8	1		
Head p/c 8 7/8	1	C	
Packer			
Other		O	

WELL DATA						
	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	24'	8 7/8"	KB	1751	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole						
Perforations						
Perforations						
Perforations						

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.	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	In	
Perpac Balls	Qty		
Other			
Other			
Other			
Other			

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				(SEE JOB LOG)

ORDERED	HYDRAULIC HORSEPOWER	Used
TREATED	Average Rates in BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	450	pt (HLC)	B	28 L.C. 1/8" POLY FLUXE	2.10	12.2
	100	pt	B	28 CC 1/8" POLY FLUXE	1.32	14.8

Circulating _____ Displacement _____ Prelush: _____ Type _____
 Breakdown _____ Maximum _____ Load & Bkdr _____ Pad BBI-Gal _____
 Average _____ Frac Gradient _____ Treatment _____ Disp BBI-Gal 100.5
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal-BBI 1543 L.C. 24 T.C
 Total Volume Gal-BBI _____

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
THE INFORMATION STATED HEREIN IS CORRECT		CUSTOMER'S REPRESENTATIVE SIGNATURE Josh [Signature]	



HALLIBURTON

Work Order Contract

Halliburton Energy Services, Inc.
Houston Texas 77058

Order Number

1160372

70012 EAP

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:

Table with 4 columns: Well No., Farm or Lease, County, State, Well Permit #, Customer, Well Owner, Job Purpose. Contains handwritten entries: G-1a, FRY, HASKELL, KS, 15-081-21381, Oxy U.S.A., SAME, OIO.

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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 case 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 as these return to Halliburton or, at Halliburton's option, is the allowance to Customer of credit for the cost of such items.

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.

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KCC

SIGNED: [Signature] CUSTOMER Authorized Signatory

APR 09 2002

DATE: 2-23-01 TIME: 2230 A.M.P.M.

Customer Acceptance of Materials and Services

CONFIDENTIAL

RELEASED CONFIDENTIAL

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER

[Signature] CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

Pink-Customer

FROM CONFIDENTIAL COPY



JOB LOG

TICKET # **1160372** ORDER NO. **70005** BY **1160372** TICKET DATE **7-25-01**

REGION North America	NWA / COUNTRY MID CONTINENT	NWA / COUNTRY KS	BDA / STATE KS	BDA / STATE KS	COUNTY KS
MBU ID / EMP # 105848	EMPLOYEE NAME John Woodrow	PSL DEPARTMENT ISOLATION	CUSTOMER REP / PHONE TOSH	API / UWI # 15-281-21381	JOB PURPOSE CODE P10
LOCATION LIBERTY KS	COMPANY OKM USA	DEPARTMENT CEMENT	SEC / TWP / RNG 17-27S-35W	HES FACILITY (CLOSEST TO WELL SITE) LIBERTY KS	
TICKET AMOUNT 19715.78	WELL TYPE OK				
WELL LOCATION SURFITE					
LEASE / WELL # FRY -1					

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. Woodrow 105848		C. GARRA 174445					
J. Renner 106056		J. Lopez 102779					

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tbg	Csg	
	2300							JOB READY
	2330							CALLED OUT FOR JOB
	2360							PUMP TRUCK + BULK CEMENT ON LOCATION
								HAVE PRE JOB SITE ASSESSMENT - SPOT EQUIPMENT
								RIG UP
	0100							RIG STILL DRILLING
								TRIP OUT DRILL PIPE
								HAVE PRE JOB SAFETY MEETING
	0400							START RUNNING 8 1/2 CSG + FLT EQUIPMENT
								CASING ON BOTTOM 1751
								HOOK UP 8 1/2 P/C + CIRCULATING IRON
								START CIRCULATING WITH RIG PUMP
								THROUGH CIRCULATING - HOOK UP TO PUMP TRUCK
								JOB PROCEDURES
	0600					1500		TEST PUMP + LINES
	0607		168			1200		START MIXING 450 SKS LEAD CMT AT 12-2 ^{LB}/GAL
	0632		24			150		START MIXING 100 SKS TAL CMT AT 148 ^{LB}/GAL
						0		THROUGH MIXING CEMENT - SHUT DOWN
	0641							RELEASE PLUG
	0642	6.0						START DISPLACING
								HAVE 75 BBS OUT HAVE CMT RETURNS TO SURFACE
						480		LINE
								MAX LIFT PRESSURE ABOUT 4800 PSI
	075		109			750		PLUG DOWN
								RELEASE FLOAT
								FLOAT HATCHER HOLD - SHUT IN P/C
								* (CIRCULATED 90 BBS 80 SKS TO SURFACE)

CONFIDENTIAL

COPY

Thank you for calling HALLIBURTON

2100117 (REG)
RELEASED

KCC

MAY 21 2002

APR 09 2002

CONFIDENTIAL

FROM CONFIDENTIAL