

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

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

API No. 15 - 129-10025-0001
County: Morton
NE - SW - SE Sec 19 Twp. 32 S. R. 42W
1250 feet from (S) N (circle one) Line of Section
1390 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW

Contractor: Name: Key Energy SERVICES U-6 2001
License: 32393
Wellsite Geologist: NA

Lease Name: Matzen A Well #: 1
Field Name: Greenwood
Producing Formation: Topeka

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

Elevation: Ground: 3557 Kelly Bushing: 3565
Total Depth: 3280 Plug Back Total Depth: 3247
Amount of Surface Pipe Set and Cemented at 598 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____
If Alternate II completion, cement circulated from _____

If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.
Well Name: Matzen A-1

Drilling Fluid Management Plan REWORK JFL 9/8/02
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume NA bbls
Dewatering method used NA

Original Comp. Date: 12/23/60 Original Total Depth: 3280
 Deepening X Re-perf. Conv. To Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled XXX OTHER CEMENT SQUEEZE
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter 1 Sec. 19 Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

06/04/01 06/04/01 07/26/01
Date of START Date Reached TD Completion Date of WORKOVER

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: Vicki Carder
Title: Capital Projects Date September 6, 2001
Subscribed and sworn to before me this 6th day of Sept.
20 01
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

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: Matzen A Well #: 1

Sec. 19 Twp. 32 S. R. 42W East West County: Morton

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 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: Gamma/CCL

Log Formation (Top), Depth and Datum Sample

Name: OM Top Datum

U 512

JANU 1980

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	598	C	325	
Production	7 7/8	4 1/2	9.5	3279	C	225	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	2026-2035	C	150	CMT SQZ (Still Leaked)
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug off Zone	1795 - 2026	H	100	CMT SQZ - 50 sxs Thixo H & 50 sxs Class H

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
3	2942-2950		Acidized 2912-2950 w/1450 Gals 17% HCL Acid	
			Acidized 2721-2778 w/1600 Gals 17% HCL Acid	

TUBING RECORD	Size 2 3/8	Set At 3224	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	---------------	----------------	-----------	--

Date of First, Resumed Production, SWD or Enhr. 08/04/01	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	---

Estimated Production Per 24 Hours	Oil BBLs	Gas Mcf 280	Water Bbls 15	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, Submit ACO-18) Other (Specify) _____



JOB SUMMARY

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SALES ORDER NUMBER 1367403	TICKET DATE 08/25/01
DDA / STATE KS	COUNTY MORTON
PSL DEPARTMENT Cementing Services	CUSTOMER REP / PHONE TERRY YODER
SAP BOMB NUMBER 14118	Description Squeeze Job
WELL FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS	

REGION NORTH AMERICA LAND	NWA / COUNTRY USA
WBU ID / EMPL # MCL0113 212723	W.B. EMPLOYEE NAME JERRAKO EVANS
LOCATION LIBERAL, KS.	COMPANY OXY USA
TICKET AMOUNT \$7,246.74	WELL TYPE OIL
WELL LOCATION	DEPARTMENT CEMENT
LEASE NAME MATZEN	SEC / TWP / RNG

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
EVANS, J 212723	2.0			
Willis, D 225409	2.0			
Arnett, J 226587	2.0			
Archuleta, M 226383	2.0			

RELEASED

SEP 07 2001

HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420621 P / U				
54219 / 78299				
52382-6612				

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

Date	Cased Out	On Location	Job Started	Job Completed
	06/25/2001	06/25/2001	06/25/2001	06/25/2001
Time	0400	0745	0845	1100

Tools and Accessories

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing					0		
Liner							
Liner							
Tubing	N	6.5	2 7/8			1,795	
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	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		
Other		

Hour On Location

Date	Hours	Date	Hours
6/25	3.5	6/25	2.0
Total 3.5		Total 2.0	

Operating Hours

Date	Hours
6/25	2.0
Total 2.0	

Description of Job

RELEASED

SEP 07 2001

FROM CONFIDENTIAL

Ordered	Hydraulic Horsepower	Used
Treating	Average Rates in BPM	Overall
Feet	Cement Left in Pipe	Reason
		SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	50	THIXO H	BULK	10% CALSEAL, 4% GEL, 3%CC	7.80	1.61	14.40
2	50	PREM	BULK	NEAT	5.20	1.18	15.6

Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Average Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI	Disp: Bbl
	5 Min.	Cement Slurry BBI	14.00
	15 Min.	Total Volume BBI	#VALUE!


THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

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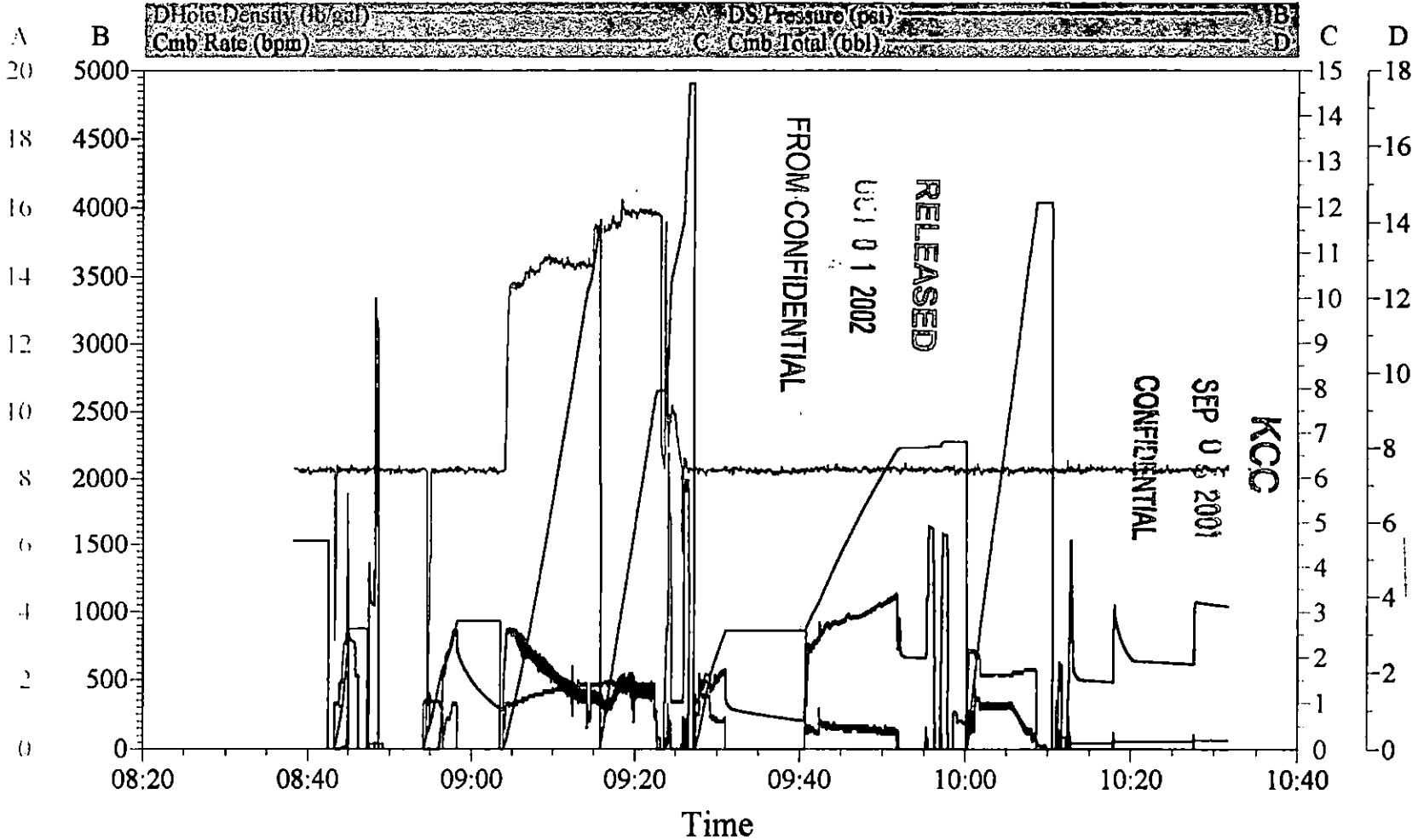
ORIGINAL

 HALLIBURTON		JOB LOG		TICKET # 1367403	TICKET DATE 06/25/01
REGION NORTH AMERICA LAND		MVA / COUNTRY USA		BOA / STATE KS	COUNTY MORTON
MCI ID / EMPL # MCI0113 212723		H.E. # EMPLOYEE NAME JERRAKO EVANS		PSL DEPARTMENT Cementing Services	
LOCATION LIBERAL KS.		COMPANY OXY USA		CUSTOMER REP / PHONE TERRY YODER	
TICKET AMOUNT \$7,246.74		WELL TYPE OIL		AP/WMT #	
WELL LOCATION		DEPARTMENT CEMENT		JOB PURPOSE CODE Squeeze Job	
LEASE NAME MATZEN		Well No. A-1	SEC / TWP / RNG	RES FACILITY (CLOSEST TO WELL #) LIBERAL KS	

HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HEB EMP NAME/EMP # (EXPOSURE HOURS)	HRS
EVANS, J 212723	2						
Wille, D 225409	2						
Arnett, J 226567	2						
Archuleta, M 226383	2						

Chart No.	Time	Rate (GPM)	Volume (GAL)	Rate		Press. (PSI)		Job Description / Remarks
				MG	CSG	CSG	TG	
	0745							ON LOCATION
	0750							SAFETY MEETING
	0800							RIG UP TRUCKS
	0845		3.0			500		LOAD BACK SIDE
	0850						1500	TEST LINES
	0857	1.0	2.0				825	INJECT. RATE
	0906	1.0	14.0					LEAD CMT
	0918	1.0	10.5					TAIL CMT
	0927							WASH PUMP LINES
	0930	1.0	14.0					DISP.
	0958							RELEASE PSI
	1000						1500	PRESSURE UP
	1005	1.5	12.5					REVERSE OUT
	1012					500		LOAD BACK SIDE
	1015						1500	PRESSURE UP
	1045						1000	PRESSURE UP
								FROM CONFIDENTIAL
								THANKS FOR CALLING HALLIBURTON

New Title



Event Log

Customer:	Job Date:	Ticket #:
Well Description:	UWI:	

HALLIBURTON
 CemWin v1.3.0
 25-Jun-01 10:32

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Work Order Contract

Order Number

1367403

Halliburton Energy Services, Inc. Houston, Texas 77056

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70012 GAP

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 BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Table with 5 columns: Well No., Firm or Lease, County, State, Well Permit Number. Row 1: A-1, MATZEN, MORTON, KS, SEP 06 2001. Row 2: OXY USA, OXY USA, Squeeze Job.

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

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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.

ORIGINAL

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.

RECEIVED SEP 07 2001 KCC WICHITA

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. 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.

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.

OCT 01 2002

SIGNED: _____ CUSTOMER Authorized Signatory

DATE: 6-25-01 TIME: 0830

FROM CONFIDENTIAL

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1367403

CUSTOMER Authorized Signatory

REGION NORTH AMERICA LAND	NAVA / COUNTRY USA	PSL DEPARTMENT Cementing Services	COUNTY MORTON
MBU ID / EMPL # MCLI0110 106328	H.E.S. EMPLOYEE NAME NICK KORBE	CUSTOMER REP / PHONE TERRY YODER	
LOCATION LIBERAL	COMPANY OXY USA	APRAM #	
TICKET AMOUNT \$6,087.62	WELL TYPE OIL	SAP BOOK NUMBER 7526	Description Squeeze Job
WELL LOCATION NW OF ELKHART	DEPARTMENT CEMENT	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL	
LEASE NAME MATZEN	Well No. A-1	SEC / TWP / RNG	

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OCT 01 2002
FROM CONFIDENTIAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Korbe, N 106328	10.5			
Cochran, M 217398	10.5			
Lopez, J 198514	10.5			
WHITE, L 232712	10.5			

H.E.S. UNIT #S / (R/T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421270	168			
10219237	168			
10244148/77031	52			

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

Date	Called Out	On Location	Job Started	Job Completed
	06/20/2001	06/20/2001	06/20/2001	06/20/2001
Time	0430	0800	0940	1715

Tools and Accessories

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	USED	9.5	4 1/2		0	2035+	
Liner							
Liner							
Tubing	USED	6.5	2 7/8			1,920	
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours
6/20	10.5
Total	210.5

Operating Hours

Date	Hours
6/20	6.0
Total	6.0

Hydraulic Horsepower
 Avail. _____ Used _____
Average Rates in BPM
 Disp. _____ Overall _____
Cement Left in Pipe
 Reason **PACKER TO HOLES**

Cement Data


Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1 LEAD	50	PREMIUM	BULK	.5%HALAD-322	5.20	1.18	15.60
1 TAIL	50	PREMIUM	BULK	NEAT	5.20	1.18	15.6
2	50	PREMIUM	BULK	NEAT	4.30	1.07	16.4

Summary

Circulating _____ Displacement _____ Preflush: BBI _____ Type: _____
 Breakdown _____ MAXIMUM _____ Load & Bkdn: Gal - BBI _____ Pad: BBI - Gal _____

Average _____ Frac. Gradient _____ Treatment: Gal - BBI _____ Disp: Bbl _____
 Shut In: Instant _____ 5 Min. _____ 15 Min. _____ Cement Slurry BBI _____ #VALUE!
 Total Volume BBI _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

 HALLIBURTON		CEMENTING EJCS - KPI SURVEY		TICKET # 1357563
COUNTRY USA	LOCATION LIBERAL	BD/STATE KS	TICKET DATE 08/20/01	
H.E.S. EMPLOYEE NAME NICK KORBE	MBU MCLI0110	106326	SUB PSL Cementing Services	
CUSTOMER REP. / PHONE TERRY YODER	COMPANY OXY USA	JOB PURPOSE CODE 7526		
WELL NAME MATZEN	API/UMI # 0	JOB SITE LIBERAL	JOB CLASSIFICATION Squeeze Job	

CEMENTING KEY PERFORMANCE INDICATORS

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DEFINITION OF JOB - DEFINED AS A PUMPING SESSION

WAS THIS A PRIMARY CEMENT JOB ?	NO
NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED AFTER PRIMARY JOB PERFORMED BY HES:	1

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NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED AFTER PRIMARY JOB PERFORMED BY COMPETITION:	0
--	---

WAS THIS A PRIMARY PLUG JOB ?	NO
-------------------------------	----

NUMBER OF REMEDIAL PLUG JOBS NEEDED AFTER PRIMARY PLUG PUMPED BY HES:	0
---	---

OPERATING HOURS: (Pumping hours)	1
-------------------------------------	---

DID WE RUN TOP AND BOTTOM CASING WIPER PLUGS ?	NO
--	----

KCC

NUMBER OF JSAs PERFORMED: (Job Safety Analysis)	0
--	---

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MIXING DENSITY - PERCENT(%) OF JOB STAYED IN DESIGNED DENSITY RANGE: (Density range defined as +/- 0.20ppg ie. 2/10ppg) (Calculation: Total BBLS Cement mixed at designed density divided by Total BBLS of Cement pumped Multiplied by 100)	100%
WAS AUTOMATED DENSITY CONTROL (ADC) USED ?	NO

PUMP RATE - PERCENT(%) OF JOB STAYED AT DESIGNED PUMP RATE: (Pump rate range defined as +/- 1bb/min) (Calculation: Total BBLS of fluid pumped at the designed rate divided by Total BBLS of Fluid pumped, Multiplied by 100)	100%
--	------

NON-PRODUCTIVE RIG TIME: (Cementing PSL responsibility)	0
--	---

REASON FOR NON-PRODUCTIVE RIG TIME: (Cementing PSL responsibility)	
---	--

TYPE OF RIG (CLASSIFICATION) JOB WAS PERFORMED ON:	WORKOVER
--	----------

NUMBER OF UNPLANNED SHUTDOWNS: (After starting to pump)	0
--	---

REASON FOR UNPLANNED SHUTDOWNS: (After starting to pump)	
---	--

RELEASED

OCT 01 2002

FROM CONFIDENTIAL



Work Order Contract

Order Number

1357563

Halliburton Energy Services, Inc.
Houston, Texas 77056

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. A-1	Firm or Lease MATZEN	County MORTON	State KS	Well Permit Number
Customer OXY USA	Well Owner OXY USA	Job Purpose Squeeze Job		

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 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 sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unreasonableness 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: _____
CUSTOMER Authorized Signatory

DATE: 6-20-01 TIME: 0830

RELEASED

OCT 17 2002

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1357563

FROM CONFIDENTIAL

CUSTOMER Authorized Signatory