

CONFIDENTIAL

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

ORIGINAL

Operator: License # 5447
Name: OXY USA, Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: NA **KCC**
Operator Contact Person: Vicki Carder
Phone: (316) 629-4200 **AUG 03 2001**
Contractor: Name: Zennith Drilling Corp
License: 5141
Wellsite Geologist: Marvin Harvey
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl, Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows: **RELEASED**
Operator: OXY USA, Inc.
Well Name: NOV 12 2002

API No. 15 - 129-21641-0000
County: Morton
- - CN/2 - SE Sec 16 Twp. 33 S. R. 42W
1980 feet from (S) N (circle one) Line of Section
1320 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Baughman N Well #: 2
Field Name: Greenwood Field
Producing Formation: NA
Elevation: Ground: 3509 Kelly Bushing: 3519
Total Depth: 4000 Plug Back Total Depth: 2050
Amount of Surface Pipe Set and Cemented at 900 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2903
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. _____
04/20/01 05/03/01 06/08/01
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan **D&A JH 6/21/02**
(Data must be collected from the Reserve Pit)
Chloride content 800 ppm Fluid volume 1000 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
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 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: 8-3-01
Subscribed and sworn to before me this 3rd day of August
2001
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
RECEIVED
8-6-01
AUG - 6 2001
KCC WICHITA

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

X

JAN 19 1980

Side Two

Operator Name: OXY USA, Inc. Lease Name: Baughman N Well #: 2

Sec. 16 Twp. 33 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 <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 Waubensee	Top 2680 Datum +839
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Topeka	Top 2888 Datum +631
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Toronto	Top 3245 Datum +274
List All E. Logs Run:	Gamma Ray <input checked="" type="checkbox"/> Induction Log <input checked="" type="checkbox"/> Cement Bond <input checked="" type="checkbox"/>	Neutron Log <input checked="" type="checkbox"/> Fluid Travel <input checked="" type="checkbox"/> Geographical Report <input checked="" type="checkbox"/> Cement Bond/MSG <input checked="" type="checkbox"/>	Name Kansas City
			Top 3541 Datum -22

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	900	C	550	2% CC, 1/8# Polyflake
Production	7 7/8	5 1/2	15.5	3977	C	280	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	2170-2903	C	210	4# Calseal, 5# gilsonite, 10% Salt, .5% Halad (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
3	3668-3676 CIBP @ 3600' w/2 sxs cmt.	1600 Gals 17% HCL Acid	
3	2552-2558 CIBP @ 2540 W/2 sxs cmt.	1000 Gals 17% HCL Acid	
4	2165-2166	Squeeze w/210 sxs 50/50 POZ (TOC @ 1020') (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)
-------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Estimated Production Per 24 Hours	Oil BBLs NA	Gas Mcf NA	Water Bbls NA	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18)*

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled

Other (Specify) Waiting on Plugging Orders

Production Interval _____

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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
3	2098-2102	500 Gals 17% FE Acid	
	CIBP @ 2050' w/2 sxs cmt		
3	1887-1892, 1800-1804, 1770-1702	1100 Gals 15% FE Acid	

KCC
AUG 03 2001
CONFIDENTIAL
ORIGINAL
RELEASED
NOV 12 2002
FROM CONFIDENTIAL

RECEIVED
AUG 16 2001
KCC WICHITA

SALES ORDER NUMBER 1279313 **TICKET DATE** 05/04/01

BOA / STATE KS **COUNTY** MORTON

PSL DEPARTMENT Cementing Services

CUSTOMER REP / PHONE DAVID RICE

APRNUM #

SAP BOMB NUMBER 7523 **Description** Cement Production Casing

RES FACILITY (CLOSEST TO WELL SITE) LIBERAL

REGION NORTH AMERICA LAND **AREA / COUNTRY** MID CONTINENT USA

WELL ID / EMPL # MCLI0110 106328 **WELL EMPLOYEE NAME** NICK KORBE

LOCATION LIBERAL **COMPANY** OXY USA

TICKET AMOUNT \$17,171.28 **WELL TYPE** OIL

WELL LOCATION N OF ELKHART **DEPARTMENT** CEMENT

LEASE NAME BAUGHMAN **Well No.** N-2 **SEC / TWP / R10G** 16-33S-42W

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Korbe, N 106328	16.5			
Lopez, J 198514	16.5			
EVANS, J 212723	16.5			

ORIGINAL

HES UNIT #3 / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421270	140			
10219237	140			
10244148/77031	90			

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
	05/04/2001	05/04/2001	05/04/2001	05/04/2001
Time	0100	0430	1130	1930

Tools and Accessories

Type and Size	Qty	Make
Float Collar LD BAFFLE 5 1/2	1	HALCO
Float Shoe IFS	1	HALCO
Centralizers FM/S-4	1	HALCO
Top Plug LD PLUG SET	1	HALCO
HEAD		
Limit clamp	1	HALCO
BASKET STE	2	HALCO
Guide Shoe DV P-ES	1	HALCO
BTM PLUG		

Well Data

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing NEW	15.5	5 1/2		0	3,977	
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						Shots/Ft.
Perforations						
Perforations						
Perforations						

AUG 03 2001

CONFIDENTIAL

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	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours
5/4	49.5
Total	49.5

Operating Hours

Date	Hours
5/4	2.0
Total	2.0

Description of Job 2 STAGE LONGSTRING

RELEASED

NOV 17 2002

FROM CONFIDENTIAL

Hydraulic Horsepower

Ordered	Avail.	Used

Average Rates in BPM

Treating	Disp.	Overall

Cement Left in Pipe

Feet	Reason
92	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	155	50/50 POZ H	BULK	4# CALSEAL, 5# GILSONITE, 10% SALT, .5% HALAD-322	6.48	1.49	13.90
2	125	50/50 POZ H	BULK	4# CALSEAL, 5# GILSONITE, 10% SALT, .5% HALAD-322	6.48	1.49	13.9
RHM/H	25	50/50POZ H	BULK	4# CALSEAL, 5# GILSONITE, 10% SALT, .5% HALAD-322	6.48	1.49	13.9

Summary


Circulating	Displacement	Preflush:	BBI	Type:
Breakdown	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad:Bbl -Gal
Lost Returns	Lost Returns	Excess /Return	BBI	Calc.Disp Bbl
Cmt Rtn#Bbl	Actual TOC	Calc. TOC:		Actual Disp.
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp:Bbl
Shut In: Instant	5 Min.	Cement Slurry	BBI	
	15 Min.	Total Volume	BBI	

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____


 SIGNATURE

AUG - 6 2001

 HALLIBURTON		JOB LOG		TICKET # 1279313	TICKET DATE 05/04/01
REGION NORTH AMERICA LAND		NWA / COUNTRY MID CONTINENT USA		BDA / STATE KS	COUNTY MORTON
MBU ID / EMPL # MCLI0110 106328		H.E.S. EMPLOYEE NAME NICK KORBE		PSL DEPARTMENT Cementing Services	
LOCATION LIBERAL		COMPANY OXY USA		CUSTOMER REP / PHONE DAVID RICE	
TICKET AMOUNT \$17,171.28		WELL TYPE OIL		AP/UMI #	
WELL LOCATION N OF ELKHART		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME BAUGHMAN		Well No. N-2	SEC / TWP / RNG 16-33S-42W	HES FACILITY (CLOSEST TO WELL #) LIBERAL	

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
Korbe, N 106328	17						
Lopez, J 198514	17						
EVANS, J 212723	17						

Chart No.	Time	Rate (SPM)	Volume (BBLS/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	C&G	Tbg		
	0100							CALLED OUT
	0430							ON LOCATION
								HELD SAFETY MEETING
								SET UP TRUCKS KCC
	0900							START F.E. AUG 05 2001
	1030							BREAK CIRCULATION
								1ST STAGE CONFIDENTIAL
	1124					6000		TEST LINES
	1128	5.0	0.1			150		START PRE-FLUSHES
	1133	7.0	30//.1			325		START CEMENT
	1140		41.0					END CEMENT RELEASED
	1141							WASH PUMP AND LINES
	1145							DROP PLUG NOV 12 2002
	1146		0.1			50		START DISPLACEMENT
	1204	5.0	71.0			150		CATCH CEMENT
	1208	2.0	82.0			375		SLOW RATE FROM CONFIDENTIAL
	1212	1.0	92.0			400//1050		BUMP PLUG
	1213							RELEASE PRESSURE
								FLOAT HELD
	1215							DROP OPENING PLUG
	1230					600//50		OPEN DV
								CIRCULATE 6 HOURS
	1837	1.5	1.5					PLUG R/H/MH
								2ND STAGE
	1846					2000		TEST LINES
	1854	5.0	0.1			150		START PRE-FLUSHES
	1901	6.5	30//.1			225		START CEMENT
	1906		33.0					END CEMENT
	1907							WASH PUMP AND LINES
	1911							DROP PLUG
	1912	5.0	0.1			50		START DISPLACEMENT
	1922	5.0	53.0			175		CATCH CEMENT
	1924	2.0	59.0					SLOW RATE RECEIVED
	1929		69.0					BUMP PLUG

AUG - 6 2001

KCC WICHITA



Work Order Contract

CONFIDENTIAL

Order Number

1279313

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:

Table with 4 columns: Well No. (N-2), Farm or Lease (BAUGHMAN), County (MORTON), State (KS), Well Permit Number, Customer (OXY USA), Well Owner (OXY USA), Job Purpose (Cement Production Casing)

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.

KCC

AUG 03 2001

CONFIDENTIAL

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. 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.

RELEASED

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.

NOV 12 2002

SIGNED: David Eric CUSTOMER Authorized Signatory

DATE: 5-4-01

FROM CONFIDENTIAL TIME: 0800

Customer Acceptance of Materials and Services

RECEIVED

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1279313

David Eric CUSTOMER Authorized Signatory

AUG - 6 2001

KCC WICHITA

CONFIDENTIAL

HALLIBURTON		JOB LOG		TICKET # 1255116	TICKET DATE 04/20/01
REGION NORTH AMERICA LAND		NWA / COUNTRY USA		BDA / STATE KS	COUNTY MORTON
MBU ID / EMPL # MCLIO103 106304		H.E.S. EMPLOYEE NAME TYCE DAVIS		PSL DEPARTMENT CEMENT	
LOCATION LIBERAL KS.		COMPANY OXY-USA		CUSTOMER REP / PHONE CAL WYLIE	
TICKET AMOUNT \$12,447.54		WELL TYPE 02		AP/UMI #	
WELL LOCATION LAND NE ELKHART		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME BAUGHMAN		Well No. N-2	SEC / TWP / RNG SEC 16-33S-42W	HES FACILITY (CLOSEST TO WELL #) LIBERAL KS.	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Davis, T 106304	5.5				
Miller, A 126452	5.5				
Archuleta, M 226383	5.5				
Leal M 198329	5.5				

ORIGINAL

Chart No.	Time	Rate (SPM)	Volume (BBL/HR)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSO	N2	Tog	
	1230							CALLED OUT FOR JOB
	1530							ON LOC RIG SBDP
	1600							OUT OF HOLE W/DP
	1630							RIG UP CASERS
	1650							START 8 5/8 CASING & FE
	1820							CASING ON BOTTOM HOOK UP PC & CIRC IRON
	1828							BREAK CIRC W/ RIG
	1830							CIRC TO PIT
	1853							THRU CIRC HOOK IRON TO PT
	1856							PSI TEST LINES
	1901	6.0	177.5		200			PUMP 475 SX P+LT AT 12.3 #
	1933	6.0	23.5		250			PUMP 100SX P+ AT 14.8#/CIRCULATING CEMENT TO PIT
	1938							SHUT DOWN DROP PLUG
	1945	6.0	54.5		150			PUMP DISPLACEMENT
	1954	2.0	54.5		200			BBLs IN SLOW RATE KCC
	1958	2.0	54.5		250-750			LAND PLUG
	1959				750-0			RELEASE FLOAT—HELD AUG 05 2001
	2000							JOB OVER CONFIDENTIAL
								CIRCULATED 77BBLs TO PIT
								CIRCULATED 206SX TO PIT
								RECEIVED
								RELEASED AUG -6 2001
								NOV 12 2002 KCC WICHITA
								FROM CONFIDENTIAL



Work Order Contract

Order Number

1255116

Halliburton Energy Services, Inc.
Houston, Texas 77058

CONFIDENTIAL

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., Farm or Lease, County, State, Well Permit Number. Row 1: N-2, BAUGHMAN, MORTON, KS. Row 2: OXY-USA, OXY-USA, Cement Surface Casing.

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 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.

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.

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.

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: _____

RELEASED

Customer Acceptance of Materials and Services

NOV 12 2002

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1255116

[Signature] FROM CONFIDENTIAL CUSTOMER Authorized Signatory



Halliburton Energy Services, Inc. Houston, Texas 77066

70012 BAP

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:

Well No. N-2	Farm or Lease BAUGHMAN	County MORTON	State KS	Well Permit Number
Customer OXY USA	Well Owner OXY USA	Job Purpose Squeeze Perforations	ORIGINAL	

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 HARMLESS 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 of 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: David E Ric
CUSTOMER Authorized Signatory

DATE: 6-1-01

TIME: 1530
RELEASED

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1329932

David E Ric
CUSTOMER Authorized Signatory

NOV 12 2002

FROM CONFIDENTIAL