

ORIGINAL

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

Operator: License # 03994

Name: HEADINGTON OIL COMPANY

Address 205 NW 63 rd St, Ste. 310

City/State/Zip Oklahoma City, OK 73116

Purchaser: N/A

Operator Contact Person: J. Herman Roark

Phone (405) 843-6423

Contractor: Name: ZENITH DRILLING

License: 5141

Wellsite Geologist: Michael Arquijo

Dry Hole: No geologist well report
Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIG

Dry Other (Core, WSW, EXPLORED, REATHODIC, etc)

If Workover:

Operator: 11-2-94 NOV 0 3 1994

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBDT

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SMD or Inj?) _____ Docket No. _____

9-24-94 9-29-94 10-1-94
Spud Date Date Reached TD Completion Date

API NO. 15- 119-20927-00-00

County Meade County, Kansas

NE-NE Sec. 30 Twp. 34S Rge. 27W

720 Feet from S/N (circle one) Line of Section

850 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name BARRAGREE Well # 2-30

Field Name Fincham

Producing Formation None

Elevation: Ground 2324' KB 2335'

Total Depth 3300' PBDT _____

Amount of Surface Pipe Set and Cemented at 765 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 94 5-15-95
(Data must be collected from the Reserve Pit)

Chloride content 24,000 ppm Fluid volume 300 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

MPM Mud Disposal
1205 SW 9 th Avenue

Operator Name Perryton, Texas 79070

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 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 on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature J. Herman Roark

Title District Manager Date 10/3/94

Subscribed and sworn to before me this 31st day of October, 19 94.

Notary Public Kay Centuras

Date Commission Expires July 13, 1998

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

P1

SIDE TWO

Operator Name HEADINGTON OIL COMPANY Lease Name BARRAGREE Well # 2-30
 Sec. 30 Twp. 34S Rge. 27W East West
 County Meade County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase Group	2390'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Krider	2990'	
List All E.Logs Run:	Dual Induction Log Comp Density-Neutron Micro Log			

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	30"	20"	Steel Pipe	40'	6 sk Concrete	4 1/2 cu yd	Reg & None
Surface Csg	12 1/4"	8 5/8"	24#	763'	Howco Lite Prem. Plus	370	Flocele, CC

ADDITIONAL CEMENTING/SQUEEZE RECORD <input type="checkbox"/> None				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	None	None	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method			
None		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY **Shawnee** STATE **OK**

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC DATA _____ TOTAL DEPTH _____

CASING	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
		N 24	8 5/8	KB	765	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9-25-94 TIME 0520	DATE 9-25-94 TIME 0710	DATE 9-25-94 TIME 0900	DATE 9-25-94 TIME 0936

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Nicholas	40078	Liberal
D. Noffert	52938	11
J. Adair	50866	Hugoton
G. 3813	7649	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar Autofill	1	Houco
Float Shoe Insert float	1	
Guide Shoe Reg	1	
Centralizers Ruv	3	
Bottom Plug		
Top Plug 5 1/2	1	
Head PC		
Packer Fast Grip		
Other WATER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

ACID TYPE _____ GAL _____ %

SURFACTANT TYPE _____ GAL _____ IN

NE AGENT TYPE _____ GAL _____ IN

FLUID LOSS ADD. TYPE _____ GAL-LB _____ IN

GELLING AGENT TYPE _____ GAL-LB _____ IN

FRIC RED. AGENT TYPE _____ GAL-LB _____ IN

BREAKER TYPE _____ GAL-LB _____ IN

BLOCKING AGENT TYPE _____ GAL-LB _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT **Cementing**

DESCRIPTION OF JOB **2 3/8" surface**

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE **X Herman [Signature]**

HALLIBURTON OPERATOR **Orville Nicholas** COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD (CU.FT./BK)	MIXED LBS./GAL.
	230	Bonplus LARC			2% CC 1/4% Floccula	2.06	12.3
	150	Promplus			2% CC	1.32	14.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL-GAL _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL: BBL-GAL **45.8**

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL **80.7-35.2**

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS **Circulated 13661 Cement**

AVERAGE RATES IN BPM _____ STATE CORPORATION COMMISSION

TREATING _____ DIEPL. _____ OVERALL _____ **float held**

FEET **44.45** REASON **Raffle** **MAY 15 1995**

CUSTOMER: Headmington, D. I. LEASE: Barnyard. WELL NO: 9-30. JOB TYPE: 2 3/8" surface. DATE: 9-25-94.

CALL FOR SERVICE AND SALES



Company Headington Oil Date 9-24-94
 Contractor Zenith #7 Town or field _____
 Lease Barragrec Well No. 2-30 Sec. _____ Typ _____ Range _____
 Directions Meade R, S on Blacktop To End of B.T. #206, N to Loc

PUMPING SERVICE: (Check One) Surface Intermediate _____ Long String _____ Squeeze _____ Plug Back _____ Plug to Abandon _____
 Fracturing _____ Acid _____ MCA _____ Other _____
 Casing Size 8 5/8 Thread _____ Tubing Size _____ Plug Container Rotating Head _____ Swage Packer _____
 Number and Type Trucks Wanted Rem + Cont Top Plug Bottom Plug _____
 Remarks 750'

DUMP BAILER: Type Job _____ Hole Size _____ Mud Weight _____
 Remarks _____

MATERIALS:
 Cement or Sand Sacks 220 Type Prem + HCC Additives 220 cc 1/2 Floccle
 Sacks _____ Type _____ Additives _____
 Sacks 150 Type Prem + Additives 220 cc
 Acid - Gal. _____ Type _____ Remarks _____
 Acid - Gal. _____ Type _____ Remarks _____
 Fracturing Fluid Gal. _____ Type _____ Furn By _____
 Fracturing Additives - Qty. _____ Type _____ Remarks _____
 Other - Qty. _____ Type _____
 Remarks _____

ORIGINAL

TESTING AND TOOLS SERVICE: Type Job _____ Tool _____
 Size and Number of Packers _____ Size Hole _____ Casing Size and Weight _____
 Size and Type Drill Pipe and Drill Collars or Tubing _____ Total Depth _____ Packer Depth _____
 Top Choke _____ Bottom Choke _____ Jars _____ Safety Joint _____ B. T. Gauges _____
 Circ. Sub _____ Anchor _____ Other _____ Mud Weight _____
 Remarks _____

SALES ITEMS: Casing Size 8 5/8 Thread _____
 Guide Shoe Reg Float Shoe _____ Float Coll. Insert w/E-11 O. V. Tools _____
 Centralizers - Number 3 Size _____ Type _____
 Wall Cleaners - Number _____ Type _____
 Limit Clamps 1 Other 1# Wald-A
 Remarks _____

RECEIVED STATE CORPORATION COMMISSION

MAY 15 1995

Ordered By Greg Scott Time of Call 1500 CO. 9-24-94 _____ A.M./P.M.
 Call Taken By Smith Time Ready Now - _____ A.M./P.M.
 Operator or Driver Called _____ Time 0500 _____ A.M./P.M.



DATE	PAGE NO.
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JOB LOG HALL-2013-C

CUSTOMER Headington Oil	WELL NO. 2-3D	LEASE Barragrec	JOB TYPE 8 1/2 surface	TICKET NO. 635196
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							Called out on location safety meeting Rig up
								ORIGINAL
	0840							Run pipe Drop Ball
	0900							Circulate with Rig Pump
	0905	6	807	✓		150		Hook up Cement line
	0915	6	352	✓		150		Start head cement
	0921			✓				Start tail cement
	0922	6	45.8	✓		150 250		Release Plug Displace Plug
	0933	1		✓		500		Land Plug
	0934							Release psi Check float OK
								Circulated 18 bbl cement

RECEIVED STATE CORPORATION COMMISSION

MAY 15 1995

CONCEIVED BY WILLIAM KAMMERS



TICKET CONTINUATION

DUNCAN COPY

DC 100

TICKET No. 125176

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER X Headington Oil	WELL Barragree 2-30	DATE 9-25-94	PAGE OF
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P.O. PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM		
504-050	516.00265	2			Premium Plus Cement	150	sk			11.99	1687.50
504-120		2			Halliburton Light Cement	220	sk			10.02	2204.40
504-050	516.00265					143					
506-105	516.00286					5698					
506-121	516.00259					111					
507-210	890.50071	7			X Flocele	35	LB			1.65	90.75
509-406	890.50812	2			Calcium Chloride	7	sk			36.75	257.25
ORIGINAL											
500-207					SERVICE CHARGE			CUBIC FEET	388	11.35	5231.80
500-306					MILEAGE CHARGE	TOTAL WEIGHT	35,003	LOADED MILES	70	TON MILES	1225.105
										95	1163.85

MAY 08 '95 09:13AM

RESERVED FOR CORPORATION COMMISSION MAY 1 1995

No. B 262919

CONTINUATION TOTAL

5927.55



CHARGE TO: Heading Ton 0.7
 ADDRESS: 205 N.W. 63rd St. T 310
 CITY, STATE, ZIP CODE: OK City OK 73116

COPY: _____
 No. 635196 - 1
 PAGE 1 OF 1

FORM 1908 R-13

SERVICE LOCATIONS: Hugoton 25540
21 band 25535

WELL/PROJECT NO.: 230
 LEASE: Burngrove
 COUNTY/PARISH: Mede
 STATE: KS
 CITY/OFFSHORE LOCATION: _____
 DATE: 9-25-94
 OWNER: Sumo

TICKET TYPE: SERVICE SALES
 MITROSEN JOB? YES NO
 CONTRACTOR: Zenith
 RIG NAME/NO.: 7
 SHIPPED VIA: _____
 DELIVERED TO: Location
 ORDER NO.: _____

WELL TYPE: 02
 WELL CATEGORY: 01
 JOB PURPOSE: OID 8 1/2 Surface
 WELL PERMIT NO.: _____
 WELL LOCATION: _____

REFERRAL LOCATION: _____
 INVOICE INSTRUCTIONS: _____

QTY	DESCRIPTION	UNIT	PRICE	TOTAL
20	MILEAGE	mi	11.25	225.00
24	Pump Charge	ft	36.5	890.00
20	Swiper Plug	ea	6.50	130.00
12	Guide shoe	ea	17.67	212.00
24	Invert float	ea	7.13	171.00
27	Auto fill	ea	2.04	55.00
40	Centralizers	ea	3.88	155.00
66	Fast Grip	ea	2.05	135.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to: **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: _____

DATE SIGNED: 9-25-94 TIME SIGNED: 0745 A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED R/W

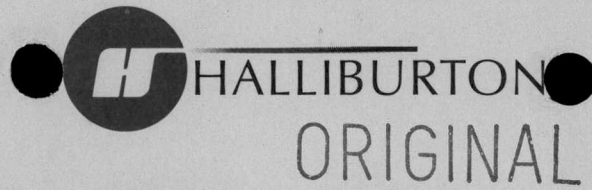
TYPE LOCK: _____ DEPTH: _____
 BEAN SIZE: _____ SPACERS: _____
 TYPE OF EQUALIZING SUB: _____ CASING PRESSURE: _____
 TUBING SIZE: _____ TUBING PRESSURE: _____ WELL DEPTH: _____
 TREE CONNECTION: _____ TYPE VALVE: _____

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? _____
 WE UNDERSTOOD AND MET YOUR NEEDS? _____
 OUR SERVICE WAS PERFORMED WITHOUT DELAY? _____
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? _____
 ARE YOU SATISFIED WITH OUR SERVICE? YES NO
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL:	1945.75
FROM CONTINUATION PAGE(S)	5927.65
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	2807.30
	5433.70

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Norman Rowke
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): Norman Rowke
 HALLIBURTON OPERATOR/ENGINEER: Orville Anderson
 EMP #: 41525
 HALLIBURTON APPROVAL: [Signature]



INVOICE

INVOICE NO.	DATE
635430	09/30/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
BARAGREE 2-30		MEADE		KS	HEADINGTON OIL CO
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		ZENITH	PLUS TO ABANDON		09/30/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
376339	HERMAN ROARK			COMPANY TRUCK	78009

DIRECT CORRESPONDENCE TO:

HEADINGTON OIL COMPANY
205 N.W. 63RD STREET
SUITE 310
OKLAHOMA CITY, OK 73116

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
009-019	PLUGGING BK SPOT CEMENT OR MUD	3100 FT		1,590.00	1,590.00
		1 UNT			
000-117	MILEAGE CEMENTING ROUND TRIP	60 MI		2.75	165.00
		1 UNT			
504-043	CEMENT - PREMIUM	135 SK		10.61	1,432.35
506-105	POZMIX A	6660 LB		0.74	492.84
506-121	HALLIBURTON-GEL 2%	4 LB		.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	8 SK		18.60	148.80
500-207	BULK SERVICE CHARGE	241 CFT		1.35	325.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	799.42 TMI		.95	759.45

INVOICE SUBTOTAL

4,913.79

DISCOUNT-(BID)

982.75-

INVOICE BID AMOUNT

3,931.04

BARAGREE #2-30

941287

520.005

JHR

RECEIVED
STATE CORPORATION COMMISSION

NOV 02 1994

CONSERVATION DIVISION
WICHITA, KANSAS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$3,931.04

TERMS: 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 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, plus all collection and court costs.

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Headington	2-30	BARROGEE	Plug To Abandon	635430

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							Called out ready now
	1200							On location - Rig circulation
	1230							Set up Co. Truck
	1240							Safety Meeting
								1st Plug
	1300	5	10			250		10 Bbl H ₂ O SPACER ORIGINAL
	1303	5	29.2			250		MIX 100SKS CEMENT
	1307	5	3.5			250		WASH UP
	1308	5	27.3			250		Displace w/ mud
								CEMENT FROM 2616'-3100'
								2nd Plug
	1408	6	10			250		H ₂ O SPACER
	1411	6	14.6			250		MIX 50SKS CEMENT
	1413	6	3.5			250		WASH UP
	1414	6	8			250		Displace w/ mud
								CEMENT FROM 1058'-1300'
								3rd Plug
	1437	6	45			200		Pump spacer
	1445	6	14.6			200		MIX 50 SKS CEMENT
	1448	6	5			200		WASH UP + DISPLACE
								CEMENT FROM 558'-800'
	1556		3			0		MIX CEMENT FOR SURFACE Plug
	1559		4.5			0		MIX CEMENT FOR RAT HOLE
	1601							Job Complete
								Thanks For Calling
								HALLIBURTON
								WES + CREW

RECEIVED
STATE CORPORATION COMMISSION
NOV 02 1994
CONVULSION DIVISION
WICHITA KANSAS

re



JOB SUMMARY

HALLIBURTON DIVISION Mid ContHALLIBURTON LOCATION Liberal, KSBILLED ON TICKET NO. 635430

WELL DATA

FIELD _____ SEC. 30 TWP. 34S RNG. 37W COUNTY Meade STATE KS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 3301

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>4</u>	<u>24</u>	<u>8 5/8</u>	<u>GL</u>	<u>764</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>764</u>	<u>3301</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-30-94</u>	DATE <u>9-30-94</u>	DATE <u>9-30-94</u>	DATE <u>9-30-94</u>
TIME <u>0900</u>	TIME <u>1200</u>	TIME <u>1300</u>	TIME <u>1601</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. Fox</u>	<u>D4437</u>	<u>40078 P.U. Liberal</u>
<u>R. CROST</u>	<u>D7653</u>	<u>7131 RCM</u>
<u>C. COXNEILSON</u>	<u>4730</u>	<u>Bulk Hugoton</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API

DISPL. FLUID _____ DENSITY _____ LB/GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB Plug To Abandon

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Herman Rusky

HALLIBURTON OPERATOR WES FOX COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>100</u>	<u>60-40 Poz</u>		<u>B</u>	<u>6% Cel</u>	<u>1.64</u>	<u>13.2</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL. BBL. 473

CEMENT SLURRY: BBL. 65.7 BW

TOTAL VOLUME BBL. 113

REMARKS RECEIVED
STATE CORPORATION COMMISSION
NOV 02 1994

SEE JOB LOG

CUSTOMER HALLIBURTON OIL

LEASE PARAGREE

WELL NO. 2-30

JOB TYPE PT-A

DATE 9-30-94