Form ACO-1 (7-89)

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 181-20284 -00-00
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	County Sherman /
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	N/2 NE NW sec. 4 Twp. 8S Rge. 39 X West
Operator: License # 30689	4880 v Ft. North from Southeast Corner of Section
Name: Marathon Oil Company	3040 Ft. West from Southeast Corner of Section
Address P. O. Box 2690	(NOTE: Locate wett in section plat below.)
, , , , , , , , , , , , , , , , , , ,	Lease Name Koller well # 1
City/State/Zip Cody, WY 82414	Field Name Goodland
Purchaser: Peoples Natural Gas	Producing Formation Niobrara 3630' 3636'
Operator Contact Person: _ R. P. Meabon	Elevation: Ground . 3630' KB 3636'
phone / 307 \ 587-4961	Total Depth
Contractor: Name: Excell Drilling REC	4950 4620
Contractor: Name: Excell Drilling KANSAS CORPOR	
Wellsite Geologist: None SEP	3 0 1991
	1 1 2640 NI
Designate Type of CompletionX New Well Re-Entry WorkowellNSERVA-	TION DIVISION 1980 1650
Oil SWD Temp. Abd. WICH X Gas Inj Delayed Comp. Dry Other (Core, Water Supply, etc.)	
Dry Other (Core, Water Supply, etc.)	660
If OWWO: old well info as follows: Operator:	1320 990 660 330 A/T I
Well Name:	Amount of Surface Pipe Set and Cemented at 360 Feet
Comp. DateOld Total Depth	Y
Drilling Method:	If yes, show depth set Feet
X Mud Rotary Air Rotary Cable	If Alternate II completion, cement circulated from 1150
	feet depth to ± 550 w/ 85 sx cmt.
INSTRUCTIONS: This form shall be completed in triplicate at Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with form with all plugged wells. Submit CP-111 form with conversion of a well requires filing of ACO-2 within 120 drives.	s of the spud date of any well. Rule 82-3-130, 82-3-107 and be held confidential for a period of 12 months if requested in -107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 all temporarily abandoned wells. Any recompletion, workover or
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to	ulgated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Title Production Coordinator Date	K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received C Drillers Timelog Received
Subscribed and sworn to before me this 25° day of 19° day of 19°	Distribution
Notary Public Come A. Shwarts	KCC SWD/RepNGPA KGS Plug Other (Specify)
Date Commission Expires Notate Public 1442	(Spec 11y)

SIDE TWO Marathon Oil Company Koller Lease Name Well # Sherman County Sec. 4 Twp. 8S Rge. 39 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. ☐ Yes 🗓 No Drill Stem Tests Taken Formation Description (Attach Additional Sheets.) ☑ Yes ☐ No X Log Samples Sent to Geological Survey Tes X No. Cores Taken Name Top **Bottom** X Yes No. 947' Pierre Shale Surface Electric Log Run 9941 Niobrara Limestone 948' (Submit Copy.) Carlile Shale 9951 TD CASING RECORD New ∐ Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Drilled Set (In O.D.) Lbs./Ft. Depth Cement Used Additives 7" Surface 20# 360' Class 'A' 180 3% CC Production 10.5# 1150 Inixo tropic 85 5% CalSeal .2% CaCl 4% Gel, 5#/sk Acid, Fracture, Shot, Cement Squeeze Record PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 964'-994' Frac'd w/41,000 gal. 50% water 2 SPF 964-994 50% CO2 w/51,000# 20-40 and TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☒ No N/A N/A N/A Date of First Production | Producing Method X | Flowing Pumping Gas Lift Other (Explain) Estimated Production Oil Bbls. Water Gas-Oil Ratio Gravity Per 24 Hours N/A N/A *125 N/A N/A Disposition of Gas: METHOD OF COMPLETION Production Interval Open Hole Perforation Dually Completed Commingled └ Vented │X Sold └ Used on Lease (If vented, submit ACO-18.) Other (Specify)

Dist: KCC-Orig. & 2cc, WRF, MEB, WTR, ROB, Lamar, Acc., Draft., Title&Cont. (Hou.)

* Volume reflects accessibility to sales line, does not represent

absolute open flow potential

INVOICE NO.



P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

06/13/1991

WELL LEASE NO./PLANT NAME

WELL/PLANT LOCATION

WELL/PLANT OWNER WAS

SERVICE LOCATION CONTRACTOR MARATHON OIL

CEMENT PRODUCTION CASING

DATE

OBERLIN CUSTOMER AGENT ACCT. NO.

VENDOR NO. TO THE TOTAL PROPERTY OF THE PARTY OF THE PART

JOB PURPOSE AND TO AND TO AND THE PROPERTY OF THE PROPERTY OF

CUSTOMER P.O. NUMBER SHIPPED VIA

<u>541999 FRANK PHANANSTEI</u>

COMPANY TRUCK

MARATHON OIL CO H09806

BOX 2659

CASPER, WY 82602

DIRECT CORRESPONDENCE TO:

FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE SUITE 2050

OKLAHOMA CITY, OK 73102-5601

PRICING AREA - MID CONTINENT 000-117 MILEAGE 55 MI 2.60 143.00 001-016 CEMENTING CASING 1150 FT 900.00 900.00 030-016 CEMENTING PLUG 5W ALUM TOP 4.1/2 IN 35.00 35.00 12A GUIDE SHOE - 4.1/2" BRD THD 1 EA 89.00 39.00 025.201 24A INSERT FLOAT VALVE - 4.1/2"BRD 1 EA 73.00 73.00 815.19101 27 FILL-UP UNIT 4.1/2"-5" 1 EA 27.50 27.50 8151.9911 40 CEMENTING PLUG SW ALUM TOP 1 EA 46.00 480.00 807.93002 320 CEMENT BASKET 4.1/2" MODEL S-4 10 EA 46.00 480.00 807.93002 320 CEMENT BASKET 4.1/2" 2 EA 85.00 170.00 800.8881 350 BALLIBURTON WELD-A 1 LB 11.50 11.50 390.10802 509-554 HALLIBURTON WELD-A 1 LB 11.50 11.50 509-506 ANHIVARIOUS CALCIUM CHLORIDE 2 SK 6.75 573.75 509-406 ANHIVAROUS CALCIUM CHLORIDE 2 SK 6.75 573.75 508-291 GLISONITE BULK 425 LB 35 146.75 507-277 HALLIBURTON-GEL MIXED 4% 3 SK 14.75 44.25 507-277 HALLIBURTON-GEL MIXED 4% 3 SK 14.75 44.25 500-207 BULK SERVICE CHARGE 109 CFT 1.15 125.35 500-306 NILEAGE CMTG MAT DEL OR RETURN COMMINISSION INVOICE SUBTOTAL SEP3 1991 1NVOICE SUBTOTAL SEP3 1991 TERMS SUCCESSERVANIANT OF CREVOLUTION PRINCENTS OF WHICE WORTH	PRICE REF. NO.	DESCRIPTION - CONTROL OF THE PROPERTY OF THE P	QUANTITY	U/M	ONIT PRICE	Market AMOUNT A design
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		TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FO	DLLOWING MONTH AFTER (DATE OF	INVOICE UPON	

CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH HOUSE THE MONTH HIS WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18.5 PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEER IN THE AMOUNT OF 20.5 PT THE AMOUNT OF THE UNPAID AGGOUNT.

INVOICE

SERVICE LOCATION

COLLER

WELL LEASE NO./PLANT NAME

REMIT TO:

P.O. BOX 951046

INVOICE NO. 40

DALLAS, TX 75395-1046

A Halliburton Company WELL/PLANT LOCATION

06/13/1991

DATE

SHERMAN MARATHON OIL JOB PURPOSE 100 PURPOSE TICKET DATE

CONTRACTOR

PRODUCTION CASING BERLIN

CUSTOMER P.O. NUMBER SHIPPED VIA ACCT. NO. VENDOR NO.

COMPANY 7108

41990 FRANK PHANANSTEL

MARATHON OIL CO H09806 BOX 2659 CASPER, WY 82602

DIRECT CORRESPONDENCE TO:

FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE SUITE 2050 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY U/M	. WAR UNIT PRICE HAR	AMOUNT PROPERTY
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	*-DECATUR COUNTY SAI			18.23
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PAGE 1 OF	PAGES	フ		HALLIBURTO Duncan, Okta	N SERVICES		15	D	NO.	051	.592	-2
FORM 1906 R-11	4DH	; · , ,	15	A Division of H	lafliburton Company			IGIN	IAL			
WELL NO. – FARM OR L	EASE NAME			COUNTY	STATE	<	ITY / OFFSHO	ORE LOCATION	} 	DATE	13-6	
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of invoice Upon C	ustomer's default in navment	of Cu	ctomer's acco	lliburton in accord with the rates and term unt by the last day of the month followin. In the event it becomes necessary to em se terms and conditions shall be governed	a tha maath ia which	h sha invaica in a	need Customa				de as sha biaba	
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X CUSTOMER OR I	IIS AGENT (PLEASE PR	INT			HALLIBURTON	OPERATOR	-			APPLIC	ABLE TAXE	S WILL VOICE.
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OUSTOWILM ON F	AGENT (SIGNATURI	-,	•	Fi	ELD OFFICE	•					•	

BULK MATERIALS DELIVERY AND S-181-202824-00-00 TICKET CONTINUATION OR INVOICE AND C57572

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500-306				Mileage Charge		ro	ADED MILE	s	TON MILES			.,	
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1-20284-00-00

WORK ORDER CONTRACT

FORM 1908 R-7

AND PRE-TREATMENT DATA

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MATERIALS PREVIOUS TREATMENT: DATE TUBING/ANNULUS | HYDRAULIC HORSEPOWER ORDERED TREATMENT INSTRUCTIONS: TREAT THRU TUBING \square ANNULUS \square CASING

* : . · · · .

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees:

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THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defense, indomnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions. subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them,

- That 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 products. supplies or materials, nor the results of any freatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's 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 or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Cu That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered. Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

 To waive the provisions of the Deceptive Trade Practices—Consumer Protection of Halliburton.

 That this contract shall be governed by the state where services are performed or materials are furnished.

- That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton. SEB 3 0 1991

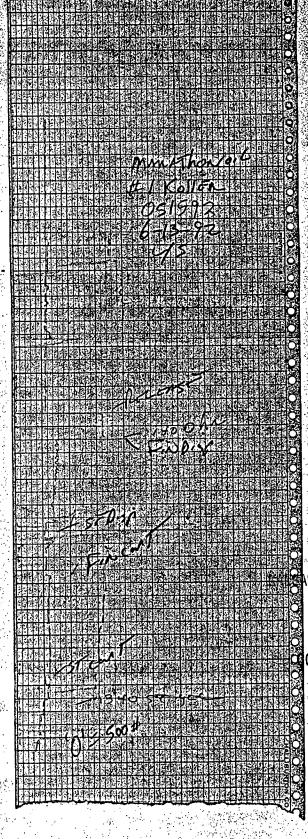
HAVE READ AND UNDERSTAND THIS COMPACT AND REPRESENT THAT HAVE AND HODZED TO SIGN THE SAME AS CUSTOMER'S AGENT. CUSTOMER

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied production of goods and/or with respect to services furnished under this contract.

FIELD OFFICE

ORIGINAL

15-181-20284-00-00



RECEIVED
AS CORPORATION COMMISSION

SEP 3 0 1991

ONSERVATION DIVISION WICHITA, KS

MORE CEIVERS

cEP 3 0 1901

CONSERVATION DE WICHITA, K.

HALLIBURTON C SUMMARY. WELL DATA MAXIMUM PSI WEIGHT SIZE FROM TO FORMATION NAME CASING 4/2 LINER 4 36<u>0</u> TUBING OPEN HOLE COMPLETION DATE PERFORATIONS PERFORATIONS BOTTOM HOLE TEMP. PRESSURE PERFORATIONS JOB DATA JOB COMPLETED TOOLS_AND ACCESSORIES TYPE AND SIZE QTY. 11-A FLOAT COLLAR FLOAT SHOE PERSONNEL AND SERVICE UNITS GUIDE SHOE LOCATION UNIT NO. & TYPE CENTRALIZERS BOTTOM PLUG TOP PLUG HEAD PACKER LB/GAL.·API ACID TYPE FLUID LOSS ADD. TYPE KANSAS CORPORATION COMMISSION 1998 DONE THRU CUSTOMER PERFPAC BALLS TYPE CONSERVATION DIVISION OTHER. WICHITA, KOLLIBURTO CEMENT DATA BULK SACKED YIELD CU FT/SK MIXED CEMENT BRAND ADDITIVES PRESSURES IN PSI SUMMARY VOLUMES CIRCULATING DISPLACEMENT PRESLUSH: BBL HYDRAULIC HORSEPOWER REMARKS ORDERED AVAILABLE AVERAGE RATES IN BPM TREATING CEMENT LEFT IN PIPE 15-181-20284-00-00

FORM 2025-R2

LEASE KOHER TICKET NO. 05/372 · JOB LOG CUSTOMER FORM 2013 R-2 VOLUME (BBL) (GAL) PRESSURE (PSI) RATE (BPM) DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING JAA2 0905 CALLED DUT on loc. 1200 Taxlain ON 1.2.3 45 6219 collans 1320 TO PUNIO TAYO 1342 17 KELEASE SW TOP 2/ 24 Z 21/2 LIRC 1400 403 . . . SEP 3 0 1991 Ought TE CONSERVE NOR DIVISION KANSAS CORPURATIONAL KOMISCIOI CONSERVATION DIVISION WICHITA, KS

HALLIBURTON SERVICES

-181-20284-00-00 ORIGINAL

CEMENTERS, INC. P. O. BOX 1587 • SCOTTSBLUFF, NE 69363-1587 • (308) 632-8855

Our Invoice

13571

County Charge To Address City, State Pump Truck No. 12D2 Code Bulk Truck No. 12D0 Code Type of Job Depth Fit. Bottom of Surface Fit. Plug Plug Landed @ 3445 Fit. Time On 5:30 Production Pipe Landed @ 345 Fit. Time On 5:30 Production Pump Truck Charge Cement Neat Cass 'A Pos' Mix Catclum Chioride Gel % Fio-Seal % Handling Charge Handling Charge Mileage P.T. B.T. LANSAG COMPONITION DIVISION WICH TA, KS Remarks: Little (SS) Tax Reference Code State Mileage Truck No. Code State Mileage Netracks Colorado Wyoming Cother Total Mileage Truck No. Code State Mileage Netracks Colorado Wyoming Cother Total Mileage Truck No. Code State Mileage Netracks Colorado Wyoming Cother Total Mileage Truck No. Code State Mileage Netracks Colorado Wyoming Cother Total Mileage Total Mileage Truck No. Code Bulk Truck	Date 6-11-	91	Well Owner	Sarathon	n 01	L Co	W	ell No.#/	L	ease Sh	MAN	· .
Charge To Address City, State Pump Truck No. 17 D Code Bulk Truck No. 17 olo Code Type of Job Bottom of Surface Ft. Plug Plug Landed @ 34/5 Pt. Time On 5 30 Production Pipe Landed @ 3/5 Pt. Time Off Reference No. Perof Mix Calcium Chloride Gel % Fio-Seal Hauling Charge Additional Pump Charge Mileage P.T. B.T. LANSAG CORCULATION COMMISSION: SEP 0 1991 CONSERVATION DIVISION WIGHTA, KS Remarks: Truck No. Code State Mileage Nebraska Colorado Wyoming Other Truck No. Code State Mileage Nebraska Colorado Wyoming Other Truck No. Code State Mileage Nebraska Colorado Wyoming Other Total Mileage Truck No. Code State Mileage Nebraska Colorado Wyoming Other Total Mileage Truck No. Code State Mileage Nebraska Colorado Wyoming Other Total Mileage Truck No. Code State Mileage Nebraska Colorado Wyoming Other Total Mileage Total Mileage Total Mileage Truck No. Code State Mileage Nebraska Colorado Wyoming Other Total Mileage	County	ruan	· · · · · · · · · · · · · · · · · · ·	St	ate -	Ansas			Field			
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Customer or His Agent

ORIGINAL

1991

06 - 11

RIG DAY: 3681 FOOTAGE: CURRENT STATUS: Drilling DEPTH: 368' FORMATION: Pierre MUD WEIGHT: 8.9 ppg

WORK DESCRIPTION: Moved in Excell Rig #2 on turnkey contract at 19:00 hours -06/10/91. Rigged up and spudded well at 02:00 hours - 06/11/91. Drilled 0' -368'.

SURVEYS: N/A

06-12 RIG DAY: FOOTAGE: 7331 CURRENT STATUS: Mix mud DEPTH: 1101' MUD WEIGHT: 8.9 ppg FORMATION: Niobrara

WORK DESCRIPTION: Circulated and surveyed at 368'. TOOH. Ran 7" surface casing

to 360' and cemented with 180 sx cement. WOC. Nippled up and tested BOP. Drilled 6-1/4" hole 368'-979'. Lost circulation. Mixed mud. Drilled to 1101'. Lost

circulation.

SURVEYS: 638', 0°, Totco; 679', .50°, Totco

06 - 13RIG DAY: FOOTAGE: CURRENT STATUS: Circulating 1150' DEPTH: FORMATION: Niobrara MUD WEIGHT: 8.7 ppg

WORK DESCRIPTION: Lost circulation. Mixed mud. Drilled to 1127'. Lost circulation. Waiting on mud and mixed mud. Drilled to 1150' with zero to full returns. TOOH 7 stands. Mixed mud and regained returns. TIH - circulated each

joint. Circulated. Surveyed. TOOH. Ran wireline logs. Tripped in hole. Circulated and waited on orders.

SURVEYS: 1150', 1.00°, Totco

06 - 14RIG DAY: 4 FOOTAGE: CURRENT STATUS: Released rig

DEPTH: 1150' FORMATION: Niobrara MUD WEIGHT: N/A

WORK DESCRIPTION: Circulated and evaluated logs. TOOH, laid down drill pipe. Ran 4-1/2" production casing to 1150'. Cemented same with 85 sxs cement. Cut

casing and weld on bell nipple. Released rig at 14:30 hours - 06/13/91.

SURVEYS: N/A

RECEIVED KANSAS CORPORATION COMMISSION

SEP 3 0 1991

CONSERVATION DIVISION

West Miller Bury