

ORIGINAL

CONFIDENTIAL

RELEASED

SIDE ONE

OCT 08 1991

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

Operator: License # 3667
Name: Source Petroleum
Address 200 W. Douglas, Suite 820
Wichita, KS 67202
Purchaser: Panda
Operator Contact Person: John D. Howard, Jr.
Phone (316) 262-7397
Contractor: Name: Allen Drilling Company
License: 5418
Wellsite Geologist: Randy Lilak

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OMO: old well info as follows:
Operator: N/A
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

7/2/90 7/19/90 8/17/90
Spud Date Date Reached TD Completion Date

API NO. 15-033-20,787-0000
County Comanche FROM CONFIDENTIAL

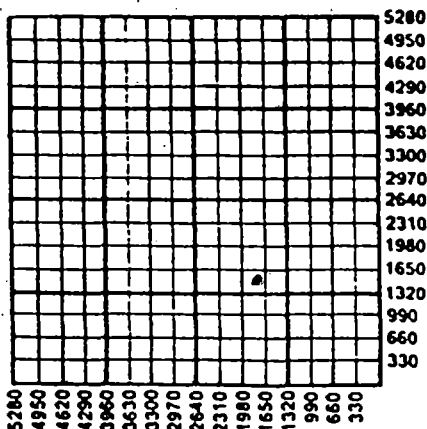
Approx. 50' S & 50' W of _____ East
SW NE SW Sec. 36 Twp. 32 Rge. 19 West
1600 Ft. North from Southeast Corner of Section
3680 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name COLTER Well # "A" #3
Field Name wildcat

Producing Formation Lansing

Elevation: Ground 2060 KB 2065

Total Depth 6400' PBTD 6130'



Amount of Surface Pipe Set and Cemented at 630 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.

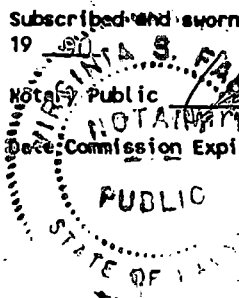
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 John D. Howard
Title General Manager Date 9/25/90

Subscribed and sworn to before me this 25th day of September
19 90
Notary Public Wynona S. Fabian
Date Commission Expires August 5, 1991

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
RECEIVED
STATE CORPORATION COMMISSION
9-26-90
SEP 26 1990
Distribution
KCC _____ SMD/Rep _____ NGPA
KGS _____ Plug _____ Other _____
(Specify)



CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Source Petroleum Lease Name COLTER Well # "A" #3
 Sec. 36 Twp. 32 Rge. 19 East West
 County Comanche

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name _____ Top _____ Bottom _____ <p style="text-align: center;">See Attached</p>
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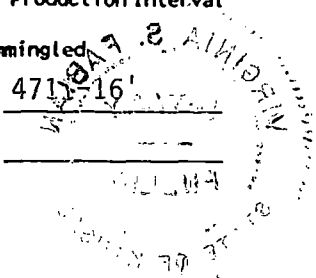
CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8" USED	23#	630'	Lite	260	3%CC
Production	7-7/8"	5-1/2"	15.5#	6216.89'	60/40 Poz Standard	100 225	3%CC EA-2 w/6#/sk Gilsonite
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
NA	Open Hole 6217-6400'			3000 gls 28% HCl		6217-6400'	
4	4711-16'			500 gls 15% HCl		4711-16'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer At			
2 3/4"		4727'		NA			
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
8/17/90							
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
-0-		200	-0-	NA	NA	NA	

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify) CIBP @ 6130'

Production Interval 4711-16'



COLTER "A" #3
 Sec. 36-32S-19W
 Comanche County, Kansas

CONFIDENTIAL

OCT 0 8 1991

FROM CONFIDENTIAL

ORIGINAL

DST #1 3988-4022' - Elgin Ss 3988-4022.
 15-15-15
 1st Open: Wk 1/2" blow died in 12 min
 2nd Open: No flow, flushed, good surge
 decreased to 1/2" died in 10 min
 Rec: 40' mud
 IHP: 1973 FHP: 1940
 IFP: 33-33 FFP: 44-44
 ISIP: 33 FSIP: None
 106° BHT

DST #5 6098-6109' - 1st Arbuckle
 30-60-60-60
 1st open: 1" blow to off bottom of bckt
 in 3 min, 8" blowback on ISIP
 2nd open: 1/2" blow to off bottom of bckt
 in 45 min
 Rec: 1075' fluid, 1490' gas, 140' oil &
 GCWM, 60' oil & GCWM, 875' SW, 75,000 ch
 IHP: 3065 FHP: 2975
 IFP: 44-166 FFP: 200-455
 ISIP: 2073 FSIP: 2051
 BHT: 148° dev srvy 6109' @2 1/2°

DST #2 4689-4715' - Drum
 30-60 75-60
 1st Open: Strong blow of bottom of bucket,
 15 sec, gas to surf in 7 min, guaged gas
 as follows: 57.3 MCF in 10 min, 164 MCF in
 30 min
 2nd Open: 168 MCF in 10 min, 273 MCF in 70 min,
 stabilized @ 275 MCF in 75 min
 Rec: 50' drlg Mud
 IHP: 2419 FHP: 2386
 IFP: 44-88 FFP: 56-122
 ISIP: 1741 FSIP: 1730
 122° BHT, Charts show some formation
 damage

DST #6 6125-6145' - 2nd Arbuckle
 45-45-25-30
 1st open: 1/2" blow decreased to 1/4"
 2nd open: vry wk sfc, blow died in
 5 min. Flushed tool, vry wk blow
 died in 10 min
 Rec: 40' mud
 IHP: 3053 FHP: 2975
 IFP: 22-33 FFP: 33-33
 ISIP: 871 FSIP: 111
 BHT: 134°

DST #3 5829-5890' - Viola
 30-30-30-30
 1st open: 1" blow, increased to off
 bottom of bckt in 17 min, no blow
 back
 2nd open: Off bottom of bckt in 2 min,
 no blow back
 Rec: 250' GIP, 50' GCM
 IHP: 3020 FHP: 2975
 IFP: 33-44 FFP: 44-44
 ISIP: 543 FSIP: 816
 BHT: 130°

ELEC. LOG	TOP	BOTTOM
Anhydrite	1034	1051
Wabaunsee	3432	3750
Topeka	3750	4352
Douglas	4352	4484
Lansing-KC	4484	4941
Marmaton	4976	5114
Cherokee	5114	5203
Mississippian	5203	5821
Viola	5821	5961
Simpson	5961	6094
Arbuckle	6094	6400 TD

DST #4 6043-6061' Simpson Dolomite
 30-30-30-30
 1st open: weak 1/2" blow died in 25 min
 2nd open: no blow, flushed tool, 1/2"
 blow died in 5 min
 Rec: 40' mud
 IHP: 2975 FHP: 2942
 IFP: 33-33 FFP: 33-44
 ISIP: 33 FSIP: 44
 BHT: 128°

RECEIVED
 STATE CORPORATION COMMISSION

SEP 26 1990

CONSERVATION DIVISION
 Wichita, Kansas

JOB SUMMARY

 HALLIBURTON DIVISION Wichita, Kansas
 HALLIBURTON LOCATION Paris, KS

 BILLED ON TICKET NO. 10960
WELL DATA

FIELD _____ SEC. 6 TWP. 25 RNG. 19 COUNTY Comanche 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 Mud Motor SET AT 5280'

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 6400'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>12.75</u>	<u>5.5"</u>	<u>60</u>	<u>2280'</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-20-91</u>	DATE <u>7-20-91</u>	DATE <u>7-20-91</u>	DATE <u>7-20-91</u>
TIME <u>12:00</u>	TIME <u>08:00</u>	TIME <u>10:16</u>	TIME <u>1:00</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>SS 8" x 11"</u>	<u>1</u>	<u>Halliburton</u>
FLOAT-SHOE <u>Rate well shoe</u>	<u>3/4"</u>	<u>"</u>
GUIDE SHOE <u>Regular</u>	<u>1</u>	<u>"</u>
CENTRALIZERS <u>10" x 9 1/2" x 10"</u>	<u>10</u>	<u>Halliburton</u>
BOTTOM PLUG		
TOP PLUG <u>Free Fall Plug</u>	<u>1</u>	<u>Halliburton</u>
HEAD <u>Phy. Lubricator</u>	<u>1</u>	<u>"</u>
PACKER <u>Retarding head</u>	<u>1</u>	<u>"</u>
OTHER <u>Cement Packer</u>	<u>2</u>	<u>"</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID Water / sand DENSITY _____ LB/GAL-API

PROP. TYPE _____ SIZE _____ LB.

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 _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>John Ward</u>	<u>62713</u>	<u>Paris, KS</u>
<u>Bob Felt</u>	<u>D-5055</u>	<u>Paris, KS</u>
<u>Frank Snyder</u>	<u>D-6015</u>	<u>Paris, KS</u>
<u>Orly Cox</u>	<u>31571</u>	<u>Paris, KS</u>

RELEASED

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FROM CONFIDENTIAL

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 9% slurry in 5 1/2" pipe

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>175</u>	<u>EA2</u>	<u>Hess</u>	<u>B</u>	<u>5% EA2, 10% salt, 7% H.A. 1322, 6% Lubricator 641</u>	<u>1.41</u>	<u>153</u>
<u>2</u>	<u>175</u>	<u>EA2</u>	<u>Hess</u>	<u>B</u>	<u>5% EA2, 10% salt, 7% H.A. 1322, 6% Lubricator 641</u>	<u>1.41</u>	<u>153</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT 500 / 750

BREAKDOWN _____ MAXIMUM 1300 / 1500

AVERAGE _____ FRACTURE GRADIENT _____

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

ORDERED _____ AVAILABLE _____ USED _____

TREATING _____ DISPL. 7 OVERALL _____

FEET 43 REASON EDS collar

SUMMARY

PRESLUSH: BBL-GAL _____ TYPE Standard

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

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 110 / 110

CEMENT SLURRY: BBL-GAL 602.1

TOTAL VOLUME: BBL-GAL _____

REMARKS

RECEIVED

STATE CORPORATION COMMISSION

SEP 26 1991

HALLIBURTON SERVICES JOB LOG

WELL NO. 3 LEASE Cutter TICKET NO. 999851
 CUSTOMER Source Petroleum PAGE NO. 1
 JOB TYPE 5 1/2" 2 Stage long string DATE 7-20-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								on location ready float equipment
	0100							held on scratches
	0800							cement & bulk trucks on location
	1200							start casing in hole - scratches on 2, 3, 4, 11, 26
								basket on 1 st jointing, 22' joint
								resguide shoe, Super seal float collar
								centralizers on 2, 3, 4, 5, 21, 24, 25, 34, 37, 38
								fluid master centralizers on 23, 35, 36
								Multiple stage cementer on top of 22
	1430							casing on bottom
	1435							hook up head and manifold
	1440							circulate mud with rig pump
	1500							hook up to pump truck
	1616	5	0			300		start water preflush (5 bbl)
	1617	5	5			500		start super flush (8 bbl)
	1619	5	11			300		start water spacer (5 bbl)
	1620	5	18			300		finish preflush
	1622	6	0			500		start mixing cement (75 lbs)
	1626	5	19			500		finish cement
	1627							lunch out lines
	1627							release plug
	1628	7	0			250		start displacement - rotate while displacing
								15' 25 bbls - water, rest mud
	1655	7	148			500-21500		plug down
	1657					1200-30		return pressure float held
	1701							drop opening device
	1710		3					run 15' 15' pipe into hole
	1725							open cementer with pump truck
								circulate mud with rig pump
	1730							hook up to pump truck
	1736	5	0			250		start water (5 bbl)
	1737	5	5			250		start super flush (11 bbl)
	1739	5	11			250		start water (5 bbl)
	1800	5	22			2120		finish preflush

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SEP 26 1990

CUSTOMER

CONCRETE DIVISION
Wichita, Kansas

JOB LOG

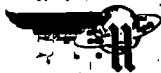
WELL NO. 3 LEASE Callan TICKET NO. 947857

CUSTOMER Source Petroleum PAGE NO. 2

JOB TYPE 2 Stage Logging DATE 7-20-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Continued CONFIDENTIAL
	1801	6	0		X		200	Start mixing cement 175 sks
/	1806	6	44		X		250	finish cement
	1810							Release plug without fines
	1813		0		V			Start displacement
	1827		125		X		150-7150	plug down close cementer
	1828						1500-70	release pressure
								job complete
								RELEASED
								Thank You
								OCT 9 8 1991
								FROM CONFIDENTIAL
								RECEIVED
								STATE OF KANSAS
								ORIGINAL
								SEP 26 1990
								CONSERVATION DIVISION
								Wichita, Kansas



HALLIBURTON SERVICES
Duncan, Oklahoma 73828

A Division of Halliburton Company

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

CONFIDENTIAL
FOR INVOICE AND TICKET NO. 999857

DATE 7-20-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Colter #3	COUNTY Comanche	STATE Ks.
CHARGE TO Source Petroleum		OWNER Source Petro.	CONTRACTOR Allen Drlg.	No. B 909280
MAILING ADDRESS		DELIVERED FROM Great Bend, Ks.	LOCATION CODE 50320	PREPARED BY S. C. Henry
CITY & STATE		DELIVERED TO Location	TRUCK NO. 2656-6605	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
504-308	516.00261	2	B	Standard Cement	250	sk			5.35	1337.50
509-968	516.00315	2	B	salt Blended 18%W/250	2200	lb.			.09	198.00
508-292	70.15573	2	B	Gilsonite Blended 6%W/250	1500	lb.			.42	630.00
507-775	516.00144	2	B	Halad-322 Blended .75%W/250	177	lb.			5.75	1017.75
508-127	890.50131	2	B	Halad EA-2 Blended 5%W/250	12	sk			18.40	220.80
				<i>As 40/60 Pozmix Cement 2%W/250</i>						
504-308	516.00261	2	B	STANDARD CEMENT	19	sk			5.35	48.15
506-105	516.00315	2	B	Pozmix A	12	sk			2.79	16.72
506-121	516.00259	2	B	1 Halliburton Gel 2%W/250						NA
509-968	516.00315	2	B	SALT BLENDED 18%W/250	300	lb			.09	27.00
508-292	70.15573	2	B	GILSONITE BLENDED 6%W/250	100	lb			.42	42.00
507-775	516.00144	2	B	HALAD 322 BLENDED .75%W/250	19	lb			5.75	51.75
RELEASED OCT 01 8 1991 FROM CONFIDENTIAL										
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES			
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET			
500-207		2	B	SERVICE CHARGE			CU. FEET	1.10		579.59 689.29
500-306		2	B	Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		.75	500.98 482.23
No. B909280						SEP 26 1990		SUB-TOTAL		41159.167 6245.08



FORM 1908 R-7

A Division of Halliburton Company

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO.

DISTRICT Platt R.

DATE 10/8/90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: James P. ... (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

CONFIDENTIAL

WELL NO. _____ LEASE C. Hill SEC. 25 TWP. _____ RANGE _____

FIELD _____ COUNTY Comanche STATE Kansas OWNED BY ...

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH _____ MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H2O _____ BPD, GAS _____ MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING [] ANNULUS [] CASING [] TUBING/ANNULUS [] HYDRAULIC HORSEPOWER ORDERED []

... RELEASED

OCT 08 1990

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

FROM CONFIDENTIAL

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list...
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies...
c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others...
d) That Halliburton warrants only title to the products, supplies, and materials, and that the same are free from defects in workmanship and materials...
e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well...
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act...
g) That this contract shall be governed by the law of the state where services are performed or materials are furnished...
h) 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

SEP 26 1990

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I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS THE CUSTOMER'S AGENT

SIGNED _____ CUSTOMER

DATE _____

TIME _____ A.M. P.M.

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

CUSTOMER

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME 3 Carter		COUNTY Comanche	STATE Kan	CITY / OFFSHORE LOCATION	DATE
CHARGE TO Source Return		OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR	LOCATION 1		CODE
CITY, STATE, ZIP		SHIPPED VIA	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2
WELL TYPE 11 Disposal	WELL CATEGORY 01 Development	WELL PERMIT NO. B-70920	DELIVERED TO Location		LOCATION 3
TYPE AND PURPOSE OF JOB 035 5 1/2" long stem		ORDER NO.	REFERRAL LOCATION		

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices 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 an attorney 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000 117		1		MILEAGE	75	mi			2.00	1.50
007-013	001-016	1		Pump Change	1	hr	100		14.75	14.75
007-161		1		2nd Stage Pump Change	1	hr	100		14.75	14.75
4A	836 08100	1		Super Seal Fl. & C. Mho	1	hr	50		45.00	22.50
10A	825 205	1		Right Hand Side	1	hr	50		19.00	11.00
40	807 0337	1		S-4 Connectors	1	hr	50		44.00	44.00
50	807 0337	1		Fluid Procter Connectors	1	hr	50		50.00	1.00
71	813 8000	1		Multiple Stage Compressor	1	hr	50		24.00	24.00
75	812 0162	1		Free Tail Plug Set	1	hr	50		4.00	4.00
60	807-0337	1		Rat's Tail Sealchests	1	hr	15.44		2.00	6.00
320	800 8483	1		Control Panel	1	hr	50		40.00	140.00
018-317		1		Super Flush	20	hr			7.00	140.00

RELEASED

OCT 9 8 1990

FROM CONFIDENTIAL

ORIC VA

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-70920 RECEIVED

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X _____
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X _____
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

SEP 26 1990

HALLIBURTON OPERATOR _____ CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON APPROVAL _____

CUSTOMER _____

SUB TOTAL _____
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**WORK ORDER CONTRACT
 AND PRE-TREATMENT DATA**

RECEIVED AUG - 2 1990

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 9999-1

DISTRICT PRIT K. DATE 7-2-90

TO: **HALLIBURTON SERVICES** YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICES TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: SOURCE RETRIEVAL CO (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

CONFIDENTIAL

WELL NO. 3 LEASE COTTER SEC. _____ TWP. _____ RANGE _____
 FIELD _____ COUNTY COMAL STATE KC OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM _____ TO _____						
PACKER: TYPE	SET AT _____						
TOTAL DEPTH	MUD WEIGHT _____						
BORE HOLE							
INITIAL PROD:	OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF						
PRESENT PROD:	OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF						
CASING		<u>N</u>	<u>22#</u>	<u>2 7/8"</u>	<u>KH</u>	<u>525'</u>	
LINER							
TUBING						<u>RELEASED</u>	
OPEN HOLE							<u>SHOTS/FT.</u>
PERFORATIONS						<u>OCT 9, 0-100'</u>	
PERFORATIONS						<u>FROM CONFIDENTIAL</u>	
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____
 TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
CEMENT 2 7/8" CASING WITH 250 SPS HALLIBURTON LIGHT CEMENT
3 1/2" C.C. FURNISHED WITH 100 SPS 5 7/8" H₂O 3 1/2" C.C.

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: 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 defect. Such defense, indemnity, 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 treatment 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 or 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, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If 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 or damage to any of Halliburton's 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 Act, to the extent permitted by law.
 - That this contract shall be governed by the law of 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.

SEP 26 1990

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.
 SIGNED _____ CUSTOMER
 DATE 7-2-90
 TIME 1400 A.M. P.M.

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

ORIG. V

CUSTOMER

JOB LOG

WELL NO. 3 LEASE COTTER TICKET NO. 9999-1

CUSTOMER SOURCE PETROLEUM PAGE NO. 1

JOB TYPE 8 3/8" SURFACE DATE 9-2-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1445							CAMEL OUT CONFIDENTIAL
	1400							ON LOCATION - DRILLING
	1900							START CASING
	2000							CASING ON BOTTOM - CIRCULATE
	2018	8.5	0		✓		50	START CEMENT
	2029	8.5	93.5		✓		50	CEMENT IN - RELEASE PLUG
	2030	7.0	0		✓		50	START DISPLACEMENT
	2036	7.0	10.0		✓		100	PLUG DOWN - SHUT IN MALLEFORD CEMENT CIRC.
								JOB COMPLETED
								THANK YOU! CALL AGAIN
								RELEASED
								OCT 9 8 1990
								FROM CONFIDENTIAL
								RECEIVED
								STATE CORPORATION COMMISSION
								ORIGIN
								SEP 26 1990
								CONSERVATION DIVISION Wichita, Kansas

CUSTOMER

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY COMANCHE STATE KS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ ROM _____ 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>		<u>8 1/2"</u>	<u>276</u>		
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-2</u>	DATE <u>7-2</u>	DATE <u>7-2</u>	DATE <u>7-2</u>
TIME <u>1115</u>	TIME <u>1100</u>	TIME <u>2018</u>	TIME <u>2029</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT <u>RAFFLE</u>	<u>1</u>	<u>HALCO</u>
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER <u>CEMENT BASKET 2</u>	<u>2</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D PARADIS</u>	<u>33551</u>	<u>PROT KS</u>
<u>F SNYDER</u>	<u>2590</u>	<u>" "</u>
<u>D DOBKOTZ</u>	<u>BUNK</u>	<u>ST. GRAND KS</u>
<u>80022</u>	<u>1540-SR21</u>	<u>" "</u>
	<u>BUNK</u>	<u>" "</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 CUT

DESCRIPTION OF JOB FROM CONFIDENTIAL

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Donald Paradise COPIES REQUESTED 5

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>260</u>	<u>HALCO</u>	<u>FOR</u>	<u>B</u>	<u>20 c.c.</u>	<u>1.54</u>	<u>13.6</u>
<u>1</u>	<u>100</u>	<u>60/40</u>	<u>FOR</u>	<u>B</u>	<u>" "</u>	<u>1.25</u>	<u>14.00</u>

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. 50

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL. 92.5

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 15' REASON RAFFLE

REMARKS

RECEIVED
STATE COMMISSION

SEP 26 1990



FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>3 COATER</i>	COUNTY <i>COMANCHE</i>	STATE <i>KS</i>	CITY / OFFSHORE LOCATION	DATE <i>7-2-90</i>
CHARGE TO <i>SOURCE PETROLEUM</i>	OWNER <i>SABRE</i>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS	CONTRACTOR <i>AVEN DRILLING</i>	LOCATION <i>1 TRACT KS</i>	CODE <i>50355</i>	
CITY, STATE, ZIP	SHIPPED VIA <i>2570</i>	FREIGHT CHARGES PPD <input type="checkbox"/> COLLECT <input type="checkbox"/>	LOCATION <i>2 ST. LOUIS MO</i>	CODE <i>50320</i>
WELL TYPE <i>01 OIL</i>	WELL CATEGORY <i>01 DEVELOPMENT</i>	WELL PERMIT NO. <i>B-889103</i>	DELIVERED TO <i>LOCATION</i>	LOCATION <i>3</i>
TYPE AND PURPOSE OF JOB <i>010 2 1/2 SURFACE</i>		ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices 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 an attorney 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-112		1		MILEAGE	112	MI			2.35	98.70
001-016		1		PHUD CHARGE	1	TRK	640	FT.		630.00
030-503		1		PAING	1	EA	8 1/2	IN		59.00
599	825-12621			BAFFLE	1	EA	"	"		39.00
320	800-88281			CEMENT BASKET	2	EA	"	"	122.00	244.00

THIS IS NOT AN INVOICE

RELEASED
OCT 0 8 1991
FROM CONFIDENTIAL

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-**

889103 2 6 1990 3/07/92

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?
 Mike
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 M.L. [Signature]
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

[Signature]
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.