

ORIGINAL

CONFIDENTIAL RELEASED

AUG 21 1991

SIDE ONE

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

API NO. 15- 033-20,678- ~~00-01~~

County Comanche FROM CONFIDENTIAL

N/2 NE NW Sec. 1 Twp. 33 Rge. 19  East  West

4950 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

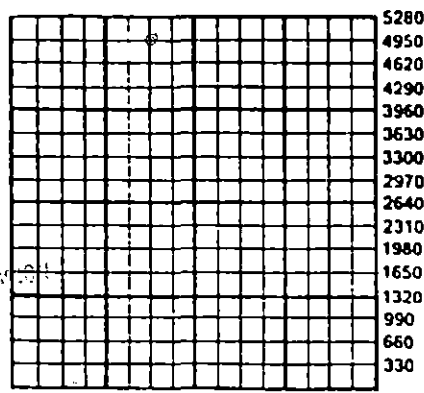
Lease Name COLTER "A" Well # 2

Field Name wildcat

Producing Formation P & A

Elevation: Ground 2041 KB 2046

Total Depth 6350 PBD



Operator: License # 3667

Name: SOURCE PETROLEUM

Address 200 W. Douglas, Suite 820

City/State/Zip Wichita, KS 67202

Purchaser: N/A

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 OWM: old well info as follows:  
Operator: Bonray Energy Company

Well Name: #1-1 Colter

Comp. Date 6/25/85 old Total Depth 6030'

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

4/6/90 4/13/90 4/15/90

Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 682' 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, Jr.

Title General Manager Date 6/20/90

Subscribed and sworn to before me this 20th day of June

Notary Public Virginia 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

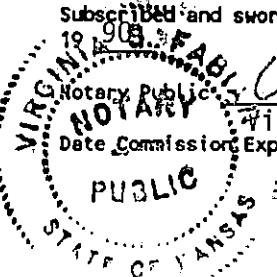
Distribution

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

Form ACO-1 (7-89)

ORIGINAL



SIDE TWO

Operator Name SOURCE PETROLEUM Lease Name COLTER "A" Well # 2  
County Comanche  
Sec. 1 Twp. 33 Rge. 19  East  West

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.

RELEASED  
AUG 21 1991

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Formation Description

Log  Sample

FROM CONFIDENTIAL

Name	Top	Bottom
Basal Simpson Sand	6072	6110
Arbuckle	6110	T.D.
LTD	6347	
RTD	6350	

**CASING RECORD**  New  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 - Old hole		8-5/8"		682'			

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

**TUBING RECORD**

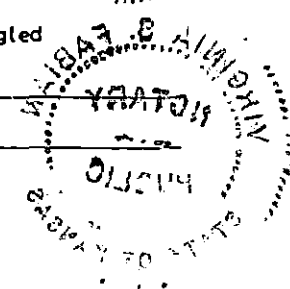
Size	Set At	Packer At	Liner Run
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity.

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_  
Production Interval \_\_\_\_\_

ORIGINAL



ATTACHED TO ACO-1

Source Petroleum  
COLTER "A" #2  
N/2 NE NW, 1-33S-19W  
Comanche County, Kansas

ORIGINAL  
CONFIDENTIAL

RELEASED

AUG 2 1 1991

FROM CONFIDENTIAL

DRILL STEM TEST DATA:

DST #1 Arbuckle

6122-6132'

45-60 45-60

Rec: 90' Gas, 1' F.O., 5' OCM (5% oil),

23' GSSY Mud, 70' GSSY SW

IHP: 1910 FHP: 2811

IFP: 45-56 FFP: 68-79

ISIP: 2102 FSIP: 2047

DST #2 6133-55'

30-60 30-60

1st Open: Weak blow building to 2½"

2nd Open: Weak blow building to 2½"

Rec: 60' drlg mud, 80' MDDY WTR, chlor 50,000

IHP: 2990 FHP: 2911

IFP: 57-69 FFP: 69-69

ISIP: 2110 FSIP: 2076

BHT 129°

DST #3 6191-6235'

30-45 30-45

1st Open: 1" blow building to bottom of bucket slowly, in 12 mins

2nd Open: 1/2" blow building to bottom of bucket in 13 mins

Rec: 110' mud, 158' wtry mud, 586' MDDY WTR, 434' GSSY SW,

chlor 71,000

IHP: 2524 FHP: 2402

I P: 79-270 FFP: 304-1150

ISIP: 2280 FSIP: 2247

BHT 144°

Hookwall DST #4 Mississippian

5253-5328'

45-60 45-60

Gas to surface in 10 min, 130 MCF decreased to 12 MCF

Rec: 240' GSSY mud, 60' GSSY O S wtry mud, 60' Gssy MDDY wtr,

chlor 36,000

IHP: 2590 FHP: 2535

IFP: 158-180 FFP: 203-225

ISIP: 840 FSIP: 784

BHP 120°

RECEIVED  
STATE CORPORATION COMMISSION

JUN 25 1990

CONSERVATION DIVISION  
Wichita, Kansas

ALLEN DRILLING COMPANY

ORIGINAL

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

4-5

19 90

RIG NO.

5

WELL OWNER

Southern V&T

LEASE

WELL NO.

SECTION

TOWNSHIP

RANGE

COUNTY

STATE

KS

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
			RELEASED	
			AUG 21 1990	DERRICKMAN
			FROM CONFIDENTIAL	MOTORMAN
				HELPER
				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS:				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
				Don H. Korman
				Ben Kaxson
				John E. Trammell
				Jesse Brown
				8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: Rig up				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
				DERRICKMAN
				MOTORMAN
				HELPER
				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS:				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

JUN 25 1990

CONSERVATION DIVISION  
Wichita, Kansas

# ALLEN DRILLING COMPANY

GREAT BEND, KANSAS

ORIGINAL

"Corrected copy"  
DAILY DRILLING RECORD

FOR 24 HOURS ENDING AT MIDNIGHT

4-6

1990

RIG NO.

5

WELL OWNER

Source P. 1/2

LEASE

Colter A

WELL NO.

2

SECTION

TOWNSHIP

RANGE

COUNTY

Crain

STATE

Ks

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

DRILLED FROM	DRILLED TO	FEET DRILLED	FORMATION	RELEASED	DRILLER
			5 Cor 1 1 Lime	AUG 21 1990	HARRY VERKLER
				FROM CONFIDENTIAL	KEN CURSE
					HOWARD BANKS
				HELPER	
				HELPER	B. Hest Exp

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS:	7:00 To 3:00	Run water line		
SIZE			Pickup Pipe		
MAKE					
SERIAL NO.					
SERIAL NO.					

DRILLED FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
0	1440			DON KEON
				DERRICKMAN: RON PAVSON
				MOTORMAN: JOHN THOMAS
				HELPER: JESSE BENSON
				HELPER: A. Hest Exp

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS:	Drill Rat hole - Set BOP			
SIZE		Wash down 10:15 AM - 3:00			
MAKE					
SERIAL NO.					
SERIAL NO.					

DRILLED FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
1140	3437		35 Cor 1	Robert Livingston
			2 Lign	MARK CRAIN
			2 Chertic	RICHARD WALTER
			2 Sand Ash	FARON PAYS
			1/2 - Man pit	B. Hest Exp

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS:	3:00 To 4:30			
SIZE		Work on Pump			
MAKE		7:15 To 7:45			
SERIAL NO.		7:45 To 9:00			
SERIAL NO.		10:15 - 11:00			

# ALLEN DRILLING COMPANY

GREAT BEND, KANSAS

# ORIGINAL "Correct Copy" DAILY DRILLING RECORD

FOR 24 HOURS ENDING AT MIDNIGHT 4-7 19 90 RIG NO. 5  
 WELL OWNER Source LEASE Colter A WELL NO. 2  
 SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_ COUNTY Com STATE Ks  
IF INJURED SIGN AND DESCRIBE INJURY UNDER REMARKS WE HAVE NOT BEEN INJURED THIS DAY

FROM DRILLED	TO	FEET DRILLED	FORMATION	DRILLER
3437	6030		3B (oe)	HARRY VERKLER
			2 Soda Ash	DERRICKMAN KEVIN CRUSE
			2 Cement	MOTORMAN CURTIS THORPE
			2 1/2" g	HELPER HOWARD BANKS
			1/2" mud pipe	HELPER B HRS & EXP
<b>RELEASED</b>				

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. <u>AUG 21 90</u>	REMARKS: <u>11:00 - 2:45 Wash Down</u>				
SIZE	<u>2:45 - 3:45 Pick Up Pins (go through 1/2")</u>				
MAKE <u>FROM CONFIDENTIAL</u>	<u>3:45 - 7:00 Wash Down</u>				
SERIAL NO.					
SERIAL NO.					

FROM DRILLED	TO	FEET DRILLED	FORMATION	DRILLER
6030			35 (oe)	DON KERN
CTCH	2 1/2			DERRICKMAN RON PAXSON
Bit Trip	4 1/4			MOTORMAN JOHN TRIMMER
Lost CIR	1 1/2			HELPER JESS BRIDEN
				HELPER B HRS & EXP

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. <u>1</u>	REMARKS: <u>7:00 - 9:30 CTCH</u>				
SIZE <u>7/8</u>	<u>9:30 - 1:45 Bit Trip</u>				
MAKE <u>Smith</u>	<u>1:45 - 2:00 Lost CIR</u>				
SERIAL NO. <u>R B</u>					
SERIAL NO. <u>F 57</u>					

FROM DRILLED	TO	FEET DRILLED	FORMATION	DRILLER
6030			Blt - Gel	ROBERT LEWINGTON
Lost CIR	0		6 Soda Ash	DERRICKMAN MARK CRAIN
M. ximp	0		5 Cement	MOTORMAN RICHARD WALLER
			9 - Muck Blsml	HELPER FARDON DAYNE
			32 Halls	HELPER B HRS & EXP
			1 big	

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: <u>3:00 To 3:30 Lost CIR</u>				
SIZE	<u>3:30 To 8:15 MIX mud</u>				
MAKE	<u>8:15 To 9:15 Trip</u>				
SERIAL NO.	<u>9:30 To 11:00 2 5/8" Returns MIX mud</u>				
SERIAL NO.					

CONSOLIDATION DIVISION  
Wichita, Kansas

ORIGINAL

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

April 8

1990

RIG NO.

5

WELL OWNER Source Pet.

LEASE Colter "A"

WELL NO.

2

SECTION 1 TOWNSHIP 33 RANGE 19 COUNTY Comanche

STATE Kansas

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6030			95 - Gal	Harry Verkleer
			65 - Halls	DERRICKMAN Kenneth Cruise
Mix LCM	38		16 - Mult. Blend	MOTORMAN Curtis Thorne
P.O.H			4 - Soft Ash	HELPER Howard Bank
Build Vol				HELPER 8 hrs Exp's

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 11:00-12:00 = Mix LCM, Lost Cir.				
SIZE 7 7/8	12:00 - 2:30 = P.O.H. + Mix LCM				
MAKE Smith	2:30 - 7:00 = Build Vol. + Mix LCM.				
SERIAL NO. RB					
SERIAL NO. F-57					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6030			Gal	Don L. K...
			Halls	DERRICKMAN Row Paxson
			Mult. Blend	MOTORMAN John Trimmer
			Soft Ash	HELPER Jess Brown
				HELPER 8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 7:00 - 10:45 = Mix LCM + GEM + TD all hole				
SIZE	10:45 - 3:00 = CTC.H. + Fill frac tanks				
MAKE					
SERIAL NO.					
SERIAL NO.					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
10030			Gal	Robert Lewinaston
			Lignite	DERRICKMAN Don L. K...
Mix mud	8		Claystone	Motorman Riccardo Wallert
			Soft Ash	HELPER Faron Payne
			Mult. Blend	HELPER 8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 3:00 - 11:00 = Mix mud				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

STATE OF KANSAS  
JUN 25 1990  
CONS. DIVISION  
Geological Survey

ORIGINAL

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

April 9

19 90

RIG NO. 5

WELL OWNER Source Pet.

LEASE

'Colter "A"

WELL NO.

2

SECTION 1 TOWNSHIP 33 RANGE 19

COUNTY

Comanche

STATE

Kansas

IF INJURED, SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6030	1. 515		50 - Gel	Harry Verbler
Mix Mud	3		4 - Lignite	Hennith Crusal
Displace	4 1/2		2 - Caustic	Curtis Thorne
CFS	7 1/2		4 - Sandash	Howard Banks
			30 - Halls	8 hrs Exp's
			4 - Multiblend	
			1 - Mon Pac	
			1 - Cille Flare	
Bit Hrs	1 1/2			

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 1:00-2:00 = Mix Mud				
SIZE 1 1/8	2:00-6:00 = Displace Mud @ 6030				
MAKE SMITH	6:00-6:30 = Drlg.				
SERIAL NO. RB	6:30-7:00 = CFS 6038				
SERIAL NO. F-57					
Hrs Drlg. 1 1/2					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6038	6065		Caustic - 1	Don L. Kean
CFS	5			Ron Paxson
				John Trimm
				Jesse Brown
				8 hrs
Drlg	3			

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 7:00-8:00 = CFS 6038		1:00-2:30 = Drlg.		
SIZE 1 1/8	8:00-8:30 = Drlg.		2:30-3:00 = CFS 6065		
MAKE G. H.	8:30-10:00 = CFS 6048				
SERIAL NO. RR	10:00-11:00 = Drlg.				
SERIAL NO. 13.7 hrs	11:00-1:00 = CFS 6050				
Bit hrs 3 1/2					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6065	6084		2 = Caustic	Robert Livingston
CFS	10 1/4		15 = Gel	Mark Craft
				Rice
				Waiter
				Falon
				Parner
DRLG	10 1/4			8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 3:00-4:45 = CFS @ 6065		4:45-6:00 = DRLG		6:00-
SIZE 7/8	8:30 = CFS @ 6077		8:30-9:00 = DRLG		9:00-11:00 = CFS @
MAKE SM	6089				
SERIAL NO. RR					
SERIAL NO. 657					
Bit hrs 5 1/4					

JUN 25 1990

CONSERVATION DIVISION Wichita, Kansas



ORIGINAL

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

April 10

19 90

RIG NO. 5

WELL OWNER Source Pet.

LEASE Colter "A"

WELL NO. 2

SECTION 1 TOWNSHIP 33 RANGE 19

COUNTY Comanche

STATE Kansas

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

DRILLED FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6089	6132		10-Gel	Harry Verkleer
C.F.S.	4 1/2		2-Caustic	Kenneth Cruse
Short Trip	1/2			Curtis Thorne
det	1/4			Howard Banks
				G. Ho. Exp's
Hrs DrLg	1 3/4			

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 11:00-11:15=C.F.S. @ 6089				6:30-7:00=Short Trip
SIZE 7 7/8	11:15-1:45=DrLg. w/ 1/4 Jet				
MAKE RR	1:45-4:00=C.F.S @ 6125				
SERIAL NO. Smith	4:00-4:30=DrLg.				
SERIAL NO. F-57	4:30-6:30=C.F.S. @ 6132				
Bit Hrs 7					

DRILLED FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6132				Dan L. Kraus
				Ray Paxon
				John Trimmer
				Jesse Brown
				Harry Verkleer

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 7:00-7:30 = Brg work				
SIZE	7:30-8:15 = sh. trip				
MAKE	8:15-10:30 = C.T.C.H.				
SERIAL NO.	10:30-3:00 = DST #1, strap D.P., SMT				
SERIAL NO.					

DRILLED FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6132				Robert Livingston
DST #1	8			Wick
				Richard Walker
				Faron Payne
				R. Ho.

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 3:00-11:00 = DST #1				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

JUN 25 1990

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

April 11

19 90

RIG NO. 5

WELL OWNER Source Pat.

LEASE

Colter "A"

WELL NO.

2 1

SECTION 1 TOWNSHIP 33 RANGE 119

COUNTY

Comanche

STATE

Kansas

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6132	6150			Harry Vertler
DST #1	2 1/2			Henneth Cruse
C.T.C.H.	1 1/2			Curtis Thorne
C.F.S.	2 1/4			Howard Banks
Hrs. Drlg.	1 3/4			8 hrs. Exp's

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 11:00-1:30 = DST #1				
SIZE 7/8	1:30-3:00 = C.T.C.H.				
MAKE Smith	3:00-4:45 = DrLg.				
SERIAL NO. RR	4:45-7:00 = C.F.S. @ 6150				
SERIAL NO. F-57					
Bit Hrs. 8 1/4					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6150	6155		Anstic - 2	Dan L. K...
ck rig	1/4			Robert Livingston
C.F.S.	3 1/4			John Trimmer
Dry	1/2			Jesse Brown
				8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 7:00-7:45 = Dry whig ck				
SIZE 7/8	7:45-11:00 = C.F.S. @ 6155				
MAKE Sun	11:00-3:00 = DST #2				
SERIAL NO. F-57					
SERIAL NO. RR					
Bit hrs 9 1/4					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6155				Robert Livingston
DST #2	8			Mark Crain
			EXPS	Rickard Waller
				Farm Payne
				8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 3:00-11:00 = DST #2				
SIZE	REFILL				
MAKE					
SERIAL NO.					
SERIAL NO.					

JUN 25 1990

CONS. IN THE FIELD

ORIGINAL

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

April 12

1990

RIG NO. 5

WELL OWNER Source Pet.

LEASE Colter "A"

WELL NO. 2

SECTION 1 TOWNSHIP 33 RANGE 19

COUNTY Comanche

STATE Kansas

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6155	6186		2-Caustic	Harry Vertler
DST #2	1 1/2			Kenneth Cruse
CTCH	1 1/2			Curtis Thorne
CF3	2 1/4			Howard Banks
Hrs Drlg	2 1/4			8 hrs. Exp's

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 11:00-12:30 = DST #2				
SIZE 7/8	12:30-2:00 = CTCH				
MAKE Smith	2:00-4:30 = DrLg				
SERIAL NO. KR	4:30-6:45 = CF3 @ 6185				
SERIAL NO. F-57	6:45-7:00 = Drill				
Bit Hrs 12					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6186	6235		Caustic - 2	David H. Keen
			Mon 8c -	Robert Livingston
			Gravel - 17	John Tompkins
			Soda Ash -	Jesse Brown
				8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 7:00-7:45 = Dalg w/ rig work				
SIZE 7/8	7:45-10:00 = CF3 @ 6200				
MAKE Sull	10:00-12:30 = Dalg w/ rig work				
SERIAL NO. F-57 RR	12:30-2:45 = CF3 @ 6235				
SERIAL NO.	2:45-3:00 = Pch w/ bit DST #3				
Bit Hrs 14 1/4					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6235	8			Robert Livingston
DST #3				Mark Crain
				Riccardo Walker
				Faron Parson
				8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 3:00-11:00 = DST #3				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

RECEIVED  
STATE  
JUN 25 1990  
CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

APRIL 13

19 90

RIG NO.

5

WELL OWNER Source Ppt.

LEASE Colter "A"

WELL NO.

2

SECTION 1 TOWNSHIP 33 RANGE 19

COUNTY Comanche

STATE Kansas

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
DIST #3	4 3/4		20-Gal	Harry Verhler
Brh Cir.	7/4		4-Hulls	Kenneth Crisp
Lost Returns				Curtis Thorne
POH	33			Howard Bantis
Mix mud				S. W. Exp's

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 11:00-3:45 = DIST #3				
SIZE 7 7/8	3:45-4:00 = Brh. Cir.				
MAKE Smith	4:00-7:00 = Lost Returns, POH 10 stands +				
SERIAL NO. AR	Mix mud				
SERIAL NO. F. 57					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
627 3/4	626 4		Hulls - 52	Dow L. Kern
Lost Circ	4		Shells - 17	Robert Livingston
CTCH	1 1/2		Cello - 9	John Trimmer
dry work	7/4		Gel - 27	Jesse Brown
CFS	1		S. Ash - 2	Phas
			Constr - 1	
			Shon Pac - 1	

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 7:00-11:00 = Lost Returns				
SIZE 7 7/8	11:00-12:30 = CTCH				
MAKE Smith	12:30-2:00 = Dry w/serious				
SERIAL NO. RR	2:00-3:00 = CFS 6264				
SERIAL NO. Bit bits					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
626 4/2	6350		= Gal	Robert Livingston
CFS	2 1/2		Shells - 700	Mark C. ...
				Ricard ...
				Fern ...
				Payne
				S. W. Exp's

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 2:00-4:15 = CONSTRUCTION				
SIZE 7 7/8	4:15-6:00 = DRLC				
MAKE RR	6:00-7:45 = ...				
SERIAL NO. RR	7:45-11:00 = CFS 6350				
SERIAL NO. 2024					

CONSERVATION DIVISION  
WILLIAM KANSAS

ORIGINAL

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

April 14

1990

RIG NO. 5

WELL OWNER Source Pet.

LEASE Colter "A"

WELL NO. 2

SECTION 1 TOWNSHIP 33 RANGE 19

COUNTY Comanche

STATE Kansas

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6350				Harry Vertler
C.T.C.H.	3/4			DERRICKMAN Kenneth Cruse
S.H.T.	1/2			MOTORMAN Curtis Thorne
P.O.H.	2 1/4			HELPER Howard Banks
Logging	1 1/2			HELPER 8 hrs. Exp's
Hrs Drlg.	0			

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 1	REMARKS: 11:00-11:45 = C.T.C.H. @ 6350				
SIZE 7/8	11:45-12:15 = Drop Straight Hole				
MAKE Smith	12:15-2:30 = P.O.H. For Log				
SERIAL NO. RR	2:30-7:00 = Logging				
SERIAL NO. Bit Hrs. 20 3/4	S.H.T. @ 6350 = 1 1/2				

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
6350				Don L. Krueh
				DERRICKMAN Curtis Thorne
				MOTORMAN John Tammann
				HELPER Jesse Brown
				HELPER 8 hrs

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 7:00 - = log				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
1.5				Robert Lawrence
157 1/4	6			DERRICKMAN Hill
1500	2			MOTORMAN Wally
				HELPER
				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 8:00-9:00 D.H. #4 9:00-11:00 = W.O.O				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

STATE OF KANSAS JUN 25 1990

CONSERVATION DIVISION Wichita, Kansas

# ALLEN DRILLING COMPANY

GREAT BEND, KANSAS

# ORIGINAL

# DAILY DRILLING RECORD

FOR 24 HOURS ENDING AT MIDNIGHT

19 90

RIG NO. 5

WELL OWNER Source, Inc

LEASE Carter "A"

WELL NO. 1

SECTION \_\_\_\_\_

TOWNSHIP \_\_\_\_\_

RANGE \_\_\_\_\_

COUNTY Comanche

STATE Ks

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

DRILLED		FEET DRILLED	FORMATION	DRILLER
FROM	TO			
<u>1-30</u>				<u>Harry Venkler</u>
<u>1-30</u>	<u>1/4</u>			<u>Kenneth Carse</u>
<u>1-30</u>	<u>1/4</u>			<u>Curtis Thorne</u>
<u>1-30</u>	<u>2</u>			<u>Harold Banks</u>
<u>1-30</u>	<u>1/2</u>			<u>10 Hr. exps</u>
<u>1-30</u>	<u>1/2</u>			
<u>1-30</u>	<u>2</u>			

DRILLING BITS		CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.		REMARKS: <u>11:00-11:45 = Ripar down Test Tool</u>				
SIZE		<u>11:45-1:00: Lay down collars</u>				
MAKE		<u>1:00-3:00: PLH 4/1000</u>				
SERIAL NO.		<u>3:00-4:30 = CCH - fill cement truck with mud</u>				
SERIAL NO.		<u>4:30-5:00 = Lay down 19" dia 500' 4" dia 1000'</u>				

DRILLED		FEET DRILLED	FORMATION	DRILLER
FROM	TO			
				<u>Don L Kern</u>
				<u>Steve Allison</u>
				<u>John Timmer</u>
				<u>Jesse Brown</u>
				<u>8 hrs exps</u>

DRILLING BITS		CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.		REMARKS: <u>7:00-3:00 = Lay down DSD &amp; dug hole</u>				
SIZE						
MAKE						
SERIAL NO.						
SERIAL NO.						

DRILLED		FEET DRILLED	FORMATION	DRILLER
FROM	TO			
				<u>Robert Le... 1990</u>
				<u>Mark C... 1990</u>
				<u>Karon Payne</u>
				<u>Riccardo Walker</u>
				<u>8 hrs</u>

DRILLING BITS		CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.		REMARKS: <u>3:00-11:00 = Tear down DCK 10' dia w/...</u>				
SIZE						
MAKE						
SERIAL NO.						
SERIAL NO.						







# TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

# CEMENTING LOG

STAGE NO.

Date 4-15-90 District WED. LOOSE Ticket No. 610735  
 Company SHURE - PETROLEUM Rig ALLEN #5  
 Lease COTTER A OWNED Well No. 2  
 County COMANCHE State KANSAS  
 Location 1-33s-19w Field WILLOCAT  
COQUETER 3s, 1w, 34s, 4s

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 8 1/8" Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top 6L Bottom 682

Drill Pipe: Size 4 1/2" Weight 16.6# Collars XH  
 Open Hole: Size 7 7/8" T.D. 6 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7  
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5  
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.3  
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.64  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PP

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PP

TAIL: Pump Time \_\_\_\_\_ hrs. Type 40:50:6  
 Excess \_\_\_\_\_

Amt. 145 Sks Yield 1.58 ft<sup>3</sup>/sk Density 13.8 PP

WATER: Lead \_\_\_\_\_ gals/sk Tail 7.8 gals/sk Total 27 Bbl

Pump Trucks Used 2901-6480 Bob C.  
 Bulk Equip. 2757-3416 Kevin B.

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PP

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PP

COMPANY REPRESENTATIVE Loose Spurepel CEMENTER Kevin Brunardt

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
2:00						ON LOCATION, KEG UP LOW JOB + SAFETY MTS.
4:00	500			8 1/2		SPOT 300x @ 6100'
4:20	300			83	5 1/2	DISPLACE WITH MUD
	300			14		SPOT 500x @ 1150'
	300			11		DISPLACE WITH MUD
				11		SPOT 400x @ 700'
				7		DISPLACE WITH WATER
				3		CEMENTATE 100x @ 00'
12:30				4		CEMENTATE 15x TO PORTHOLE

JUN 27 1991