

ORIGINAL

FORM MUST BE TYPED

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

Operator: License# 31532

Name: Bison Production Company

Address 9320 E. Central

City/State/Zip Wichita, Ks. 67206

Purchaser: _____

Operator Contact Person: Steve Anderson

Phone (316) 636-1801

Contractor: Name: Duke Drilling Co. Inc.

License: 5929

Wellsite Geologist: Dean Pattison

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Catholic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWS
Plug Back PBD
Commingled Docket No. _____
Dual Completion Docket No. _____
Other (SWD or Inj?) Docket No. _____

01-26-96 02-03-96 2-22-96
Spud Date Date Reached TD Completion Date

SIDE ONE

API NO. 15 077-212960000

County Harper

C - NE - NW - Sec. 7 Twp. 32S Rge. 9 E xW

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

1980 Feet from E/W (circle one) Line of Section

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

Lease Name Greiving Well # 1-7

Field Name Sharon

Producing Formation Mississippi

Elevation: Ground 1477 KB 1485

Total Depth 4470 PBD

Amount of Surface Pipe Set and Cemented 215 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 all I 6-3-96
(Data must be collected from the Reserve Pit) Lu

Chloride content _____ ppm Fluid volume 280 bbls.

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name Jody Oil and Gas

Lease Name Sanders License No. 3288

SW Quarter Sec. 20 Twp. 31 S Rng. 8 E/W

County Harper Docket No. D 23,313

RECEIVED
KANSAS CORP COMM
3-25-96
1996 MAR 25 A 11:30

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Rm 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 [Signature]
Steven C. Anderson

Title Vice President, Production Date _____

Subscribed and sworn to before me this 22nd day of March, 1996.

Notary Public [Signature]
Sondra J. Boyd

Date Commission Expires May 13, 1999

K.C.C. OFFICE USE ONLY
F. Letter of Confidentiality Attached
C. Wireline Log Received
C. Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SONDRA J. BOYD
Notary Public - State of Kansas
My Appt. Expires 5-13-99

ORIGINAL

SIDE TWO

Operator Name Bison Production Company Lease Name Greiving Well # 1-7

Sec. 7 Twp. 32S Rge. 9 East West County Harper

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

List All E. Logs Run:
Array Induction, SFL, CNL, CDL, BCA

Log Formation (Top), Depth and Datum Sample

Name Top Datum

SEE ATTACHED

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		8 5/8	28	215	60/40 poz.	175	3%cc/2% gel
Production		5 1/2"	14	4467	ASC	150	+15# KOL-Seal 300 gal BJ Mud SP

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate					
Protect Casing					
Plug Back TD					
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
4	4374-87 (packer @ 3450')	750 gal Acetic w/ 3% HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	4276		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls	Gas	Mcf
	P&A			
			Water	Bbls
			Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION
 Open Hole Perf. Dually Comp. Comingled
 Other (Specify) _____

Production Interval

P&A

15-077-21296-0000

FORMATION TOPS AND STRUCTURAL POSITION

MEMBER / FORMATION / GROUP	SAMPLE TOP	LOG TOP	DATUM	POSITION
HEEBNER	3421	3419	-1934	-10'
DOUGLAS GP.	3474	3470	-1986	0
LOWER DOUGLAS SD.	3542	3541	-2056	-5'
HASKELL LB.	3608	3610	-2126	0
LANSING GP.	N/C	3621	-2136	N/C
STARK SH.	4060	4063	-2578	0
HUSHPUCKNEY SH.	4088	4090	-2605	0
BASE KANSAS CITY GP.	4166	4164	-2669	-2'
MARMATON GP.	4183	4185	-2700	+1'
ALTAMONT LB.	4211	4211	-2728	N/C
BANDERA SH.	4239	4238	-2763	-3'
PAWNEE LB.	4243	4243	-2768	N/C
LABETTE SH.	4288	4270	-2786	-3'
CHEROKEE GP.	4292	4290	-2806	-7'
DETRITAL MISSISSIPPI	4361	4361	-2868	-22'
MISSISSIPPI OSAGE	4371	4372	-2887	-23'
BASE POROSITY	4409	4410	-2925	N/C

REFERENCE WELL FALCON EXPLORATION #1 CROWELL C NE NE 12-328-10W

ORIGINAL

15-077-21296-0000

DRILL STEM TESTS

NO.	TEST INTERVAL	TOOL INTERVALS	PRESSURES	RECOVERY
1	4348-4380	IFP- 15 ISIP- 30 FFP- 90	IHP, 2204 # IFP, 56- # ISIP, 681 #	IFP- STG BLOW OB 30'. DECREASING NO GTS FFP- STG BLOW, OB 30' GTS: 68" QA: 3 mcf
	FORMATION MISS	FSIP- 90 TEMP- 117 °F	FFP, 71-100 # FSIP, 854 # FHP, 2152 #	40' O&GCM 10% O 60' O&GCWM 12% O 60' O&CGMW 10% O
2	4372-4395	IFP- 15 ISIP- 30 FFP- 60	IHP, 2253 # IFP, 46-59 # ISIP, 701 #	IFP- STG BLOW OB 45'. DECREASING NO GTS FFP- STG BLOW OB 15'. DECREASING NO GTS
	FORMATION MISS	FSIP- 90 TEMP- 114 °F	FFP, 73-113 # FSIP, 657 # FHP, 2141 #	3200' QIP 80' OCMW 60' O&GCWM 60' O&MCW 60' OCWM 60' VSO&MCW
3		IFP- ISIP- FFP-	IHP, # IFP, # ISIP, #	IFP- FFP-
	FORMATION	FSIP- TEMP- °F	FFP, # FSIP, # FHP, #	

Post-It Fax Note 7672

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No. of Pages

To: Loe
 Company: K.C.C.
 Location: _____
 Fax #: 337-6211
 Telephone #: _____
 Comments: _____

From: SONDRA
 Company: BISON PRODUCTION
 Location: _____ Dept. Charge: _____
 Fax #: 636-1803
 Telephone #: 636-1801
 Original Disposition: Destroy Return Call for pickup

JUN 04 '96 09:34

ALLIED GREAT BEND

259 P02

ALLIED CEMENTING CO., INC.

3794

15-077-21296-0000

REMIT TO P.O. BOX 31
 RUSSELL, KANSAS 67665

SERVICE POINT:

Great Bend

GREIVING

DATE <u>1-26-96</u>	SEC. <u>7</u>	TWP. <u>32c</u>	RANGE <u>9</u>	CALLED OUT <u>12:00pm</u>	ON LOCATION <u>3:00pm</u>	JOB START <u>6:15pm</u>	JOB FINISH <u>6:45pm</u>
LEASE <u>GREIVING</u>	WELL # <u>1-7</u>	LOCATION <u>160 Hwy</u>		<u>Barber Production</u>		COUNTY <u>Hartner</u>	STATE <u>KS</u>

OLD OR NEW (Circle one)

CONTRACTOR <u>Dick #2</u>	OWNER <u>Bison Production Co</u>
TYPE OF JOB <u>Surf Seal</u>	CEMENT <u>Co</u>
HOLE SIZE <u>12 1/4</u>	DEPTH <u>215.50</u>
CASING SIZE <u>8 1/2</u>	DEPTH _____
TUBING SIZE _____	DEPTH _____
DRILL PIPE _____	DEPTH _____
TOOL _____	DEPTH _____
PRES. MAX _____	MINIMUM _____
MEAS. LINE _____	SHOE JOINT _____
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS. <u>12.5</u>	

AMOUNT ORDERED <u>175 sk 60' itel</u>	
COMMON <u>105</u>	@ <u>6.10</u> <u>640.5</u>
POZMIX <u>70</u>	@ <u>3.15</u> <u>220.5</u>
GEL <u>3</u>	@ <u>9.50</u> <u>28.5</u>
CHLORIDE <u>5</u>	@ <u>28.00</u> <u>140.0</u>
HANDLING <u>175</u>	@ <u>1.05</u> <u>183.75</u>
MILEAGE <u>15</u>	<u>105.0</u>

EQUIPMENT

PUMP TRUCK # <u>237</u>	CEMENTER <u>Don #1</u>
BULK TRUCK # _____	HELPER <u>Jim D</u>
BULK TRUCK # <u>242</u>	DRIVER <u>John</u>

TOTAL 1318.2

REMARKS:

Pumped all cement +
Released plug displaced
down washed up drill
cement did circulate
by Allied Cementing
John

SERVICE

DEPTH OF JOB <u>215</u>	
PUMP TRUCK CHARGE _____	<u>445.0</u>
EXTRA FOOTAGE _____	@ _____
MILEAGE <u>15</u>	@ <u>2.35</u> <u>35.25</u>
PLUG <u>Top wood</u>	@ <u>45.00</u> <u>45.0</u>

No. of Pages _____ Today's Date _____ Time _____ 001/001

To Lead From SONDRA

Company K.C.C. Company BISON PRODUCTION

Location _____ Location _____ Dept. Charge _____

Fax # 837-6211 Telephone # _____ Fax # 636-1903 Telephone # 636-1801

Comments _____ Original Disposition: Destroy Return Call for pickup

15-077-21296-0000

JUN 04 '96 09:35 ALLIED GREAT BEND 259 P83



P.O. BOX 31
 RUSSELL, KS 67865

CEMENTING LOG

STAGE NO. _____

Date 1-26-96 District Great Bend Ticket No. 3794

Company BISON Prod. CO. Rig Duke #2

Lead Greiling Well No. 1-7

County HARPER State KS

Location 160 Hms. to Harper Park Field _____

CO. Inc. 2 N-146 S. 146

CASING DATA: PTA Sewers Liver

Service Intermediate Production

Size 8 1/2 Type _____ Weight 28 Collar _____

Casing Depth: Top _____ Bottom _____

Drill Pipe Size _____ Weight _____ Collar _____

Open Hole Size _____ T.O. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0624 Lin. ft./Bbl. 16

Open Hole: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type _____

Amt. 175 Slit Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type _____

Ann. _____ Slit Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type _____

Ann. _____ Slit Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 287

Bulk Equip. 242

Final Equip. Manufacturer _____

Shoe Type _____ Depth _____

Floet Type _____ Depth _____

Consolidant: Quantity _____ Plug Top _____ Bern. _____

Stage Collar _____

Special Equip. _____

Disp. Fluid Type water Amt. 1248 Bbls. Weight 8.3 PPG

Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER Don H

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE (Bbls/Min)	
<u>3:00pm</u>						<u>Arrived on location Held safety meeting Disposed TRUCK</u>
<u>6:15pm</u>						<u>Pumped all cement Released plus displaced down</u>
<u>6:45pm</u>						<u>Child in DOME cementing did checkouts by Allied cementing</u>
						<u>Starts</u>
						<u>Don</u>
						<u>Jan</u>

TOTAL PUMP PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs THANK YOU

TELEPHONE:

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665
15-077-21296-0000

ORIGINAL
FEB 01 1996

TO: Duke Drilling, Inc.
P. O. Box 823
Great Bend, KS 67530

INVOICE NO. 70792
PURCHASE ORDER NO. _____
LEASE NAME Greiving 1-7
DATE 1-26-96

SERVICE AND MATERIALS AS FOLLOWS:

Common 105 sks @\$6.10	\$640.50
Pozmix 70 sks @\$3.15	220.50
Gel 3 sks @\$9.50	28.50
Chloride 5 sks @\$28.00	<u>140.00</u>

\$1,029.50

Handling <u>175</u> sks @\$1.05	183.75
Mileage (15) @\$.04¢ per sk per mi	105.00
<u>Surface</u>	445.00
Mi @\$2.35 pmp trak chg	35.25
1 plug	<u>45.00</u>

Total

3-25-96
1996 MAR 29
RECEIVED
KANSAS CEMENTING COMPANY
\$1,843.50
A 81.59

If Account CURRENT a
Discount of \$ 368.70
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

1474.80

ALLIED CEMENTING CO., INC.

0013

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Med. Lodge KANSAS

15-077-21296-0000

DATE <u>2-2-96</u>	SEC. <u>7</u>	TWP. <u>22s</u>	RANGE <u>9w</u>	CALLED OUT <u>7:30^P 2-2-96</u>	ON LOCATION <u>11:30^A 2-2</u>	JOB START <u>6:45</u>	JOB FINISH <u>8:15</u>
LEASE <u>GRIZZLING</u>	WELL # <u>1-7</u>	LOCATION <u>BA/HP C.L 2N, 1/4 2, 5/16 T10</u>			COUNTY <u>HARPER</u>	STATE <u>KANSAS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Duke Drig Rig #2
 TYPE OF JOB PRODUCTION CASING
 HOLE SIZE 7 7/8 T.D. 4470
 CASING SIZE 5 1/2 14# DEPTH (4468)
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 26'
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER BISON PROD. Co
 CEMENT

AMOUNT ORDERED 175 SK A.S.C + 5#
KOL-SEAL/SK - 300 GAL. B.S. MUD SWEEP

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
<u>A.S.C. 175</u>	@ <u>7.85</u>	<u>1373.75</u>
<u>KOL-SEAL 875#</u>	@ <u>.38</u>	<u>332.50</u>
<u>MUD SWEEP 300 GAL.</u>	@ <u>1.80</u>	<u>540.00</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>175</u>	@ <u>1.05</u>	<u>183.75</u>
MILEAGE <u>175 X 15</u>	<u>.04</u>	<u>105.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Neal Rupp
 # 252/265 HELPER JUSTIN HART
 BULK TRUCK
 # 227 DRIVER John Kelley
 BULK TRUCK
 # _____ DRIVER TIM Sample

TOTAL \$ 2535.00

REMARKS:

RAN 5 1/2 CSG. TO 4468' - RAN 300 GAL
MUD SWEEP Followed by 150 SK ASC +
5# KOL-SEAL/SK - Disp. Plugs TO 4442
WITH 108.5 BBls FRESH H₂O -
AFU Held - Plug RATHOLE WITH
15 SK - Mousehole WITH 10 SK A.S.C
5# KOL-SEAL/SK
Thanks!

SERVICE

DEPTH OF JOB <u>4468</u>		
PUMP TRUCK CHARGE _____		<u>1090.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>15</u>	@ <u>2.35</u>	<u>35.25</u>
PLUG <u>1-5 1/2 Top-Rubber</u>	@ <u>50.00</u>	<u>50.00</u>
<u>1-5 1/2 Bottom Rubber</u>	@ <u>59.00</u>	<u>59.00</u>
<u>1-5 1/2 POTATER</u>	@ <u>75.00</u>	<u>75.00</u>

TOTAL \$ 1309.25

CHARGE TO: Bison Production Co.
 STREET 9320 E. CENTRAL
 CITY WICHITA STATE KANSAS ZIP 67206

FLOAT EQUIPMENT

<u>5 1/2</u>		
<u>REGULAR GUIDE SHOE 1</u>	@ <u>168.00</u>	<u>168.00</u>
<u>A.F.U. INSERT 1</u>	@ <u>263.00</u>	<u>263.00</u>
<u>CENTRA IZZERS 7</u>	@ <u>56.00</u>	<u>392.00</u>
_____	@ _____	_____
_____	@ _____	_____

TOTAL \$ 823.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE \$ 4667.25
 DISCOUNT \$ 933.45 IF PAID IN 30 DAYS
 NET \$ 3733.80

SIGNATURE X [Signature]