

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

RELEASED

JAN 29 1999

API NO. 15- 077-21333 0000

County Harper County, Kansas

NW - NW - SW - Sec. 9 Twp. 31S Rge. 9 XX V

2310 Feet from 5 (circle one) Line of Section

330 Feet from 6 (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or 5 (circle one)

Lease Name Cox Well # 1B-9

Field Name Spivey-Grabs

Producing Formation

Elevation: Ground 1697' KB 1708'

Total Depth 4528' PBSD 4500'

Amount of Surface Pipe Set and Cemented at 215 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Operator: License # 31532

Name: Bison Production Company

Address 9320 East Central

City/State/Zip Wichita, Kansas 67206

Purchaser: Koch Oil/Warren NGL

Operator Contact Person: C.J. Lett

Phone (316) 636-1801

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Dean Pattison

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SVD SIOV Temp. Abd.
X Gas ENHR SIGV
 Dry Other (Core, VSW, Expt. Cathodic, etc.)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

08-14-97 08-21-97 08-22-97
Spud Date Date Reached TD Completion Date

Fluid Management Plan ALT 1 JH 7-15-98
(Data must be collected from the Reserve Pit)

Chloride content 46,000 ppm Fluid volume 1150 bbls

Restoring method used Haul off, allow to dry, backfill.

Location of fluid disposal if hauled offsite:

Operator Name Jody Oil & Gas
Lease Name Sanders SWD License No. 3288
Quarter 20 Sec. 31S S Rng. 8W E/W
County Harper Docket No. D23313

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 _____

Title President Date 12-11-97

Subscribed and sworn to before me this 11th day of Dec. 1997

Notary Public JO ANN THADEN
NOTARY PUBLIC
STATE OF KANSAS
Date Commission Expires 4-14-97

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)

SIDE TWO

Operator Name **Bison Production Company**

Lease Name **Cox**

Well # **1B-9**

Sec. **9** Twp. **31S** Rge. **9** East West

County **Harper County, Kansas**

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

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Pawnee Ls.	4344'	-2636'
Labette Sh.	4370'	-2682'
Cherokee Gp.	4389'	-2681'
Miss. Osage Chert	4442'	-2734'
Base Miss. Porosity	4496'	-2788'

List All E. Logs Run:

**Sonic, Comp. Neutron Density,
Dual Induction**

*compared to Bison Production #1-9 Cox
(330' FNL/1550' FWL 9-31-9)

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	12-1/4"	8-5/8"	20#	215'	60/40 Poz	165	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	4526'	Class A ASC 60/40	100 25	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4444-4453'	43,693 gal 40# x-link gel, 46,000# sand	4534'

TUBING RECORD Size **2-7/8"** Set At **4487'** KB Packer At **n/a** Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. **9-17-97** Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil **8.35** Bbls. Gas **90.7** Mcf Water **70** Bbls. Gas-Oil Ratio **10,867** Gravity

Disposition of Gas:

Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Cemented
 Other (Specify)

Production Interval

4444-4453'

11-Dec-97

DST ID	Date	Formation	Start Depth	End Depth	ISIP	FSIP	IFP	FFP	Time Interval
1	8/20/97	Mississippi	4448	4462	1298	1100	750-717	607-143	15-30-60-90
		First Open	Surging blow, Intermittent throughout						15-077-21333
		Second Open	Strong blow 15 sec. GTS 1" Ga:87.5-70.95 mcf (Decr.)						
		Recovery	40' OCMW (0% G, 15% O, 50% m, 35% W), 60' OCMW (0% G, 30% O, 18% M, 52% W), 30' OCSMW (18% G, 25% O, 5%						
2	8/21/97	Mississippi	4448	4462	1230	1168	320-406	518-278	15-30-60-120
		First Open	GTS in 10" GA: 72.4-75.1 mcf						
		Second Open	GTS GA: 84-53.3 mcf (Stabilized)						
		Recovery	5' OCWM (0% G, 17% O, 65% M, 18% W), 30' OCMW (0% G, 20% O, 35% M, 45% W), 30' OCMW (0% G, 25% O, 15% M, 60						

ORIGINAL

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 16 1997

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

6286

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

ORIGINAL

SERVICE POINT:

Medicine Lodge

DATE 8-14-97	SEC. 9	TWP. 31S	RANGE 9W	CALLED OUT 300	ON LOCATION 4:45	JOB START 8:10	JOB FINISH 8:30
LEASE Cox	WELL# 1B-9	LOCATION Barber/Haper co line 2EJ 2S E/S			COUNTY Harper	STATE Kansas	

OLD OR NEW (Circle one)

CONTRACTOR Duke Rig 5 OWNER Bison Production Co.
TYPE OF JOB Surface CEMENT

HOLE SIZE 12 1/4 T.D. 218'
CASING SIZE 8 1/2 x 20" DEPTH 215'
TUBING SIZE _____ DEPTH _____
DRILL PIPE _____ DEPTH _____
TOOL _____ DEPTH _____

PRES. MAX 200 MINIMUM 50
MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 Feet
PERFS. _____
AMOUNT ORDERED 175sx 60:40:2%gel + 3%cc

COMMON A	105	@	6.35	666.75
POZMIX	70	@	3.25	227.50
GEL	3	@	9.50	28.50
CHLORIDE	6	@	28.00	168.00

EQUIPMENT

JAN 29 1999

PUMP TRUCK CEMENTER Carl Balding
255-265 HELPER Shane Winsor
BULK TRUCK
242 DRIVER John Kelly
BULK TRUCK
_____ DRIVER _____

HANDLING 175 @ 1.05 183.75
MILEAGE 175 x 23 .04 161.00

RECEIVED
KANSAS CORPORATION COMMISSION

TOTAL \$1435.50

REMARKS:

DEC 16 1997

SERVICE

Pipe on Bottom, Break circulation with Rig Pump 5 Bbl Freshwater Pad Pump 175sx 60:40:2+3%cc, stop pumps, release plug + Displace with 13 Bbls Freshwater. SHUT IN Cement Did circulate

DEPTH OF JOB 215'
PUMP TRUCK CHARGE 470.00
EXTRA FOOTAGE @ _____
MILEAGE 23 @ 2.85 65.55
PLUG wooden 8 1/8" @ 45.00 45.00

TOTAL \$580.55

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

FLOAT EQUIPMENT

TOTAL _____

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 \$ 2016.05
DISCOUNT \$ 302.40 IF PAID IN 30 DAYS
NET # 1713.65

SIGNATURE [Signature]

JOE CLEUNGSTON

ALLIED CEMENTING CO., INC.

6307

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

ORIGINAL

SERVICE POINT: med lodges

DATE 8-22-97	SEC 9	TWP 31s	RANGE 9w	CALLED OUT 3:00 A.M.	ON LOCATION 6:30 A.M.	JOB START 11:30 A.M.	JOB FINISH 1:30 P.M.
LEASE Cox	WELL # 1B-9	LOCATION Ridge Road, Harper Co. line-2E-1/2s-E1s		COUNTY Harper	STATE KS.		

OLD OR NEW (Circle one) NEW RELEASED

CONTRACTOR Duke #5 OWNER Bison Production Co.
TYPE OF JOB Production Csg. JAN 29 1999 CEMENT

HOLE SIZE 7 7/8	T.D. 4528'
CASING SIZE 5 1/2 x 14	DEPTH 4527'
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX 1250	MINIMUM 250
MEAS. LINE	SHOE JOINT 29.19
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED 300 gals. mud-sweep
155xs. 60/40/4% GEL
100xs. ASC + 5# Kol-Seal/sx.

COMMON A 9	@ 6.35	57.15
POZMIX 6	@ 3.25	19.50
GEL 1	@ 9.50	9.50
CHLORIDE	@	
ASC 100	@ 8.20	820.00
KOL-SEAL 500#	@ .38	190.00
MUD SWEEP 300 GALS.	@ 1.80	540.00
HANDLING 115	@ 1.05	120.75
MILEAGE 115 x 23	.04	105.80

EQUIPMENT

PUMP TRUCK CEMENTER Larry Oreiling
#233-302 HELPER Justin Hart
BULK TRUCK
242 DRIVER John Kelley
BULK TRUCK
DRIVER

RECEIVED
KANSAS CORPORATION COMMISSION

TOTAL \$1862.70

REMARKS:

Pipe on Bottom-Circ. + Rotate Pipe
mix + Pump 2 Bbls mud-sweep-load Head
Top Plug. Pump 5 Bbls mud-sweep. Stop
Pumps. Plug Rathole w/155xs. 60/40/4
100xs. Asc + 5# Kol-Seal. Wash out Comp
lines. Release Plug. Displace w/109/23s
Bump Plug. Release PSI. Float Held

CONSERVATION DIVISION

DEPTH OF JOB 4527'		
PUMP TRUCK CHARGE		1214.00
EXTRA FOOTAGE	@	
MILEAGE 23	@ 2.85	65.55
PLUG Bottom Rubber	@ 59.00	59.00
5/8" Top Rubber	@ 50.00	50.00
ROTATING HEAD	@ 75.00	75.00

TOTAL \$1463.55

CHARGE TO: Bison Production Co.
STREET 9330 EAST CENTRAL
CITY WICHITA STATE KANSAS ZIP 67206

FLOAT EQUIPMENT

1- Reg. Guide Shoe	@ 168.00	168.00
1- AFU Insert	@ 263.00	263.00
6- Centerlizers	@ 56.00	336.00
	@	
	@	

TOTAL \$767.00

TAX _____
TOTAL CHARGE \$4093.25
DISCOUNT \$613.98 IF PAID IN 30 DAYS
NET \$3479.27

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.

SIGNATURE X R. Myers Russell Meyers