

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, Kansas 67206

Purchaser: Koch Oil/Trident

Operator Contact Person: C. J. Lett III

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 ☐ SOW ☐ Temp Abd.

☒ Gas ☐ ENHR ☐ SIGW

☐ Dry ☐ Other (Core, WSW, Expl., 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/SWS

Plug Back _____ PBTD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

6-19-95 6-28-95 6-29-95
Spud Date Date Reached TD Completion Date

SIDE ONE

API NO. 15 095-217020000

County Kingman

S 2 W 2 - NE - NW - Sec. 11 Twp. 30S Rge. 9W xxW

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

3300 Feet from P (circle one) Line of Section

Footage Calculated from Nearest Outside Section Corner:

NE SE NW or SW (circle one)

Lease Name Schwartz Well # 1-11

Field Name Spivey - Grabs

Producing Formation Mississippi

Elevation: Ground 1649 KB 1668

Total Depth 4370' PBTD

Amount of Surface Pipe Set and Cemented 248 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, Show depth set 3062 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____

Drilling Fluid Management Plan ALT 1 11-16-95
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls.

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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.

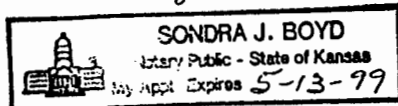
Signature _____

Title President Date 8-29-95

Subscribed and sworn to before me this 29th day of AUGUST 1995

Notary Public Sandra 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)

Form ACO-1 (7-91)

wp-08-11

SIDE TWO

Operator Name Bison Production Company Lease Name Schwartz Well # 1-11Sec. 11 Twp. 30S Rge. 9W ☐ East ☒ WestCounty Kingman

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.)☒ Log Formation (Top). Depth and Datum ☐ SampleSamples Sent to Geological Survey ☒ Yes ☐ No

Name Top Datum

Cores Taken ☐ Yes ☒ No

SEE ATTACHED

Electric Log Run ☒ Yes ☐ No

List All E. Logs Run:

DIL/ CNS / CNL / CSS

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
<u>SURFACE</u>	<u>12 1/4</u>	<u>8 5/8</u>	<u>28</u>	<u>248</u>	<u>60 / 40 POSMIX</u>	<u>165</u>	<u>3 % CC 2% GEL</u>
<u>PRODUCTION</u>	<u>7 7/8</u>	<u>5 1/2</u>	<u>14</u>	<u>4365</u>		<u>325</u>	<u>ASC</u>

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

PERFORATION RECORD - Bridge Plugs Set/Type				Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)	Depth
4	4274-80			500 GAL HCL	
TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	4230	4200	[] Yes [x] No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
7-28-96			[x] Flowing [] Pumping [] Gas Lift [] Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls	Gas	Mcf	Water
	56		840		0

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Comingled

Production Interval

(If vented, submit ACO-18.)

☐ Other (Specify) _____

11-30-9w

ORIGINAL

API#15-D95-21702

FORMATION TOPS & STRUCTURAL POSITION				
FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SJB - SEA DATUM	STRUCTURAL POSITION
Onaga Sh.	2388	2380	- 722	+4
Emporia Ls.	2648	2640	- 982	+12'
Burlingame Ls.	2754	2748	-1090	+11'
Howard Ls.	2841	2836	-1178	+10'
Topeka Ls.	2947	2940	-1282	+14'
Heebner Sh.	3356	3348	-1890	+12'
Douglas Gp.	3405	3394	-1735	+18'
Lansing Gp.	3584	3577	-1919	+5'
Stark Sh.	3953	3944	-2286	+11'
Hushpuckney Sh.	3985	3976	-2318	+12'
Base Kansas City Gp.	4047	4041	-2333	+11'
Altamont Ls.	4105	4099	-2441	+10'
Cherokee Gp.	4188	4181	-2523	+9'
Mississippi Osage	4244	4240	-2582	+10'
REFERENCE WELL FOR STRUCTURE <u>Sierra #1 Swingle</u>				
SW NW NE 11-30s-9w				

WP-08-11

DRILL STEM TESTS

API#15-095-21702

ORIGINAL

No.	Test Interval-	Tool Intervals-	Formation Pressures-	Recovery-
1	2756- 2782	IFP- 15" ISIP- 30" FFP- 30" FSIP- 90"	IHP- 1384# IFP- 178-256# ISIP- 976# FFP- 256-312# FSIP- 976# FHP- 1362#	IFP: Strong blow, GTS 3" Ga: 493-521 mcfd
	Formation: Burlingame		Temp. 97 °F	FFP: Gas throughout, Ga: 1,036-1,123 mcfd 15' MW, 60' MW (CI-: 37K)
2	2846- 2870	IFP- 15" ISIP- 30" FFP- 0 FSIP- 0	IHP- 1484# IFP- 66-66# ISIP- 876# FFP- not taken FSIP- not taken FHP- 1473#	IFP: Strong blow off bottom in 30' decreasing rapidly. No GTS
	Formation: Howard		Temp. 97 °F	FFP: Not taken 550' GIP 30' DM
3	2950- 2970	IFP- 15" ISIP- 30" FFP- 30" FSIP- 90"	IHP- 1373# IFP- 334-590# ISIP- 1229# FFP- 689-1009# FSIP- 1229# FHP- 1362#	IFP: Strong blow OB in 30' No GTS
	Formation: Topeka		Temp. 101 °F	FFP: GTS imm. Ga: 5.86-5.86 mcfd 150' SMW, 1,900' GCW

No.	Test Interval-	Tool Intervals-	Formation Pressures-	Recovery-
4	3948- 3970	IFP- 20" ISIP- 30" FFP- 30" FSIP- 90"	IHP- 1980# IFP- 44-44# ISIP- 1550# FFP- 66-66# FSIP- 1595# FHP- 1969#	IFP: Weak bldg. to OB in 17"
	Formation: KC Swope		Temp. 108 °F	FFP: Fair, OB in 6" 325' GIP 30' SO&GCMW 60' SO&GCWM

No.	Test Interval-	Tool Intervals-	Formation Pressures-	Recovery-
5	4245- 4260	IFP- 15" ISIP- 30" FFP- 30" FSIP- 90"	IHP- 2101# IFP- 178-267# ISIP- 1307# FFP- 267-326# FSIP- 1307# FHP- 2090#	IFP: Strong blow, OB imm. GTS: 3", Ga: 381-1,036 mcfd
	Formation: Miss.		Temp. 111 °F	FFP: Gas throughout, Ga: 1,123-1,274 mcfd 50' WM, 50' MW (CI-: 28K)

No.	Test Interval-	Tool Intervals-	Formation Pressures-	Recovery-
6	4260- 4275	IFP- 15" ISIP- 30" FFP- 30" FSIP- 90"	IHP- 2112# IFP- 122-144# ISIP- 1296# FFP- 178-200# FSIP- 1307# FHP- 2079#	IFP: Strong blow, OB imm. GTS 3", Ga: 278-654 mcfd
	Formation: Miss.			FFP: Gas throughout, Ga: 709-764 mcfd 30' WM, 50' MW (CI-: 22K)