

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

API NO. 15- 15-033-21,100-0000

COPY

County Comanche

C - NW - SW Sec. 33 Twp. 33S Rge. 19W

Operator: License # 5316

660' 1980 feet from S (circle one) Line of Section

1980' 660 feet from E (circle one) Line of Section

Name: FALCON EXPLORATION, INC.

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

Address 155 N. Market Suite 1020

Lease Name HERD Well # 1

City/State/Zip Wichita, KS 67202

Field Name COLLIER FLATS

Purchaser: _____

Producing Formation None

Operator Contact Person: Micheal S. Mitchell

Elevation: Ground 1971 KB 1980

Phone (316) 262-1378

Total Depth 6338 PBDT _____

Contractor: Name: DUKE DRILLING Rig #4

Amount of Surface Pipe Set and Cemented at 762 Feet

License: 5929

Multiple Stage Cementing Collar Used? _____ Yes X No

Wellsite Geologist: Doug Davis

If yes, show depth set _____ Feet

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover

If Alternate II completion, cement circulated from _____

Oil _____ SWD _____ SLOW _____ Temp. Abd.
Gas _____ ENHR _____ SIGW _____
 Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

feet depth to _____ w/ _____ sx cmt.

If Workover:

Drilling Fluid Management Plan D&A 8/12-4-00
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content _____ ppm Fluid volume _____ bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____
Plug Back _____ PBDT _____

Operator Name DEC 17 2001

Commingled _____ Docket No. _____

Lease Name _____ License No. _____

Dual Completion _____ Docket No. _____

Quarter Sec. _____ Twp. _____ Rge. _____

Other (SWD or Inj?) _____ Docket No. _____
6/7/00 6/27/00 6/26/00
Spud Date Date Reached TD Completion Date

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 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]

Title President Date 09-29-00

Subscribed and sworn to before me this 29th day of September, 2000

Notary Public Rosann M. Schipper

Commission Expires 9-28-03

K.C.C. OFFICE USE ONLY					
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached			
C	<input checked="" type="checkbox"/>	Wireline Log Received			
C	<input type="checkbox"/>	Geologist Report Received			
Distribution					
<input type="checkbox"/>	KCC	<input type="checkbox"/>	SWD/Rep	<input checked="" type="checkbox"/>	NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/>	Plug	<input checked="" type="checkbox"/>	Other (Specify)
			<u>IOG</u>		

ROSANN M. SCHIPPER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 9-28-03

Operator Name FALCON EXPLORATION, INC. Lease Name HERD Well # 1

Sec. 33 Twp. 33S Rge. 19W East West
 County Comanche

INSTRUCTIONS: Show important tops and base of formations penetrated in well 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4378	(-2398)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4578	(-2598)
List All E.Logs Run:		Pawnee	5188	(-3208)
Borehole Compensated Sonic		Ft. Scott	5224	(-3244)
Dual Induction		Cher. Sh.	5235	(-3255)
Microresistivity		Det. Miss.	5338	(-3358)
CNL/CDL		Miss.	5357	(-3377)
		Viola	6188	(-4208)

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
Conductor	30"	20"					
Conductor		13 3/8"	54.4#	280	Lite/Class A	200	2%gel 3%c.c.
Surface		8 5/8'	24#	762	" "	385	

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	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. D & A			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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____

(If vented, submit ACO-18.) Other (Specify) _____

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SEP 29 2000

Falcon Exploration, Inc

Oil and Gas Exploration and Production

Ste. 1020 155 N. Market, Wichita, Kansas 67202 - (316) 262-1378 Ph. (316) 265-3354 Fax

CONSERVATION DIVISION
WICHITA, KS

DAILY DRILLING AND COMPLETION REPORT

Well Name

#1Herd
660' FNL & 1980' FSL (C NW SW)
33 - 33S - 19W, Comanche County, Kansas

Operator

Falcon Exploration, Inc.
Drilling Contractor
Duke Drilling, Co. Rig #4

Control Wells

Daystar & KFG Resources #1 Christopher
2260' FSL & 2080' FWL Sect. 32-33S-19W

Wellsite Geologist

Doug Davis
KB ELEV. 1980

Logging Company

ELI Wireline Co.

Testing Company

Superior

KCC
SEP 19 2000
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Tight Hole

Please keep all information on this well in strictest confidence

<u>Formation</u>	<u>Sample</u>		<u>E-Log</u>		<u>Datum</u>	<u>Key Well</u>
	<u>Depth</u>	<u>Datum</u>	<u>Depth</u>	<u>Datum</u>		<u>Structural Relationship</u>
<u>Heebner</u>	4378	-2398	4378	-2398	-2388	10 Low
<u>Lansing</u>	4579	-2599	4578	-2598	-2592	6 Low
<u>Drum</u>	4812	-2832	4810	-2830	-2821	9 Low
<u>Stark Sh.</u>	4932	-2952	4932	-2952	-2955	3 High
<u>BKC</u>					-3075	
<u>Marmaton</u>	5092	-3112	5090	-3110	-3109	1 Low
<u>Altmnt.Por.</u>	5150	-3170	5150	-3170	-3165	5 Low
<u>Pawnee</u>	5191	-3211	5188	-3208	-3204	4 Low
<u>Ft. Scott</u>	5222	-3242	5224	-3244	-3239	5 Low
<u>Cher. Sh.</u>	5235	-3255	5235	-3255	-3252	3 Low
<u>Det. Miss.</u>	5340	-3360	5338	-3358	-3352	6 Low
<u>Miss.</u>	5357	-3377	5357	-3377	-3369	8 Low
<u>Viola</u>	6190	-4210	6188	-4208	-4222	14 High
<u>TD.</u>						

Date

Activity

- 6/1/00 Weeder Services, Inc. MI, drilled 5' 60" hole for cellar then 60' of 30" hole. Ran 63' of 20" Conductor String. Cemented in.
- 6/7/00 MIRT. Spud well in at 7:15 p.m., Lost circulation right out from under 20" Dry drill ahead to 280' with no to partial returns.
- 6/8/00 Finished drilling to 280. Set 6 jnts. (269.93') 13 3/8" X 54.4# casing at 280' w/100 xs. Lite; 100 sx. Class "A", 2% gel, 3% c.c.; 1" w/100 sx. Common, 6% gel, 3% c.c., 1/4 of 1% Floseal per sx.; 1" w/50 sx. of same; Gravel Packed and 1" w/75 sx. of same. Job complete 6:00p.m. Did circulate but cement fell approx. 20'. Deviation 1 degree@ 280'.
- 6/9/00 Drilling ahead at 368'. Lost circulation just below 500'. Dry drilled ahead to 765' with no to partial returns. Set 18 jnts. (762.17') 8 5/8" X 24# at 762' w/100 sx. Lite "A", 2% gel, 3% c.c., cement did not circ.. Down Backside: 1" w/50sx. Class "A", 2% gel, 3% c.c. Down Backside: 1" w/50sx. Lite

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Well Name

Operator

#1Herd

Falcon Exploration, Inc.

6/9/2000 cont'd. Down Backside: 1" w/50sx. Class"A", 2% gel, 3%c.c.
Down Backside: 1" w/75sx. Lite
Down Backside: 1" w/40sx. Class"A", 3%c.c.
Down Backside: 1" w/20sx. Class"A", 3%c.c.
Job completed 11:00 p.m.. Deviation 1/2 degree @ 765

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6/10/00 WOC @ 765' Mud - Native Mud
Deviation 3/4 degree @ 1255 1/4 degree @ 1753

CONSERVATION DIVISION
WICHITA, KS

6/11/00 Drilling ahead @ 1995'. Mud - Native Mud
Deviation 1/4 degree @ 2251

6/12/00 Drilling ahead @ 2760'. Mud - Native Mud
Deviation 3/4 degree @ 2785

6/13/00 Drilling ahead @ 3375'. Mud - Native Mud
Deviation 1 degree @ 3283

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6/14/00 Drilling ahead @ 3925'. Mud - vis. 47, w.l. 10.4, wt. 8.8
Deviation 1/2 degree @ 3934

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6/15/00 Drilling ahead @ 4456 Mud - vis. 44, w.l. 11.2, wt. 9.1
Deviation 1 degree @ 4084

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6/16/00 Drilling ahead @ 4875 Mud - vis. 46, w.l. 10.4, wt. 9.2
Deviation 1 degree @ 4950

*Swope Limestone 4937 (-2987) +4' to #1 Christopher, a net 48 Total Unit Gas Kick was recorded out of this zone, however no splas shows observed. Preparing to run DST #1.
A net 125 Unit Gas Kick was recorded out of the Stark Shale. Limestone, crm. & tan, fxln. s/ lt.gry. oolitic lmst. w/poor-fair interoolitic porosity. ns, n fluor., n odor.*

6/17/00 Finish testing, running back in the hole after trip. Mud - vis. 46, w.l. 10.4, wt. 9.2
Deviation 1 degree @ 4950
DST #1 4917-4950, Times 30"-60"-30"-90", wk. bldg. blow both opens. 5" 1st open, 4" 2nd open.
Rec. 275' sli. mdy. wtr., NS, Pit Chl. 6,000 ppm, Test Chl. 112,000 ppm.
IFP 63#-104# - ISIP 1738# - FFP 117#-167# - FSIP 1730# - BHT 118 degrees F
Pipe Strap 3.28" short to Board (taken under good conditions)

6/18/00 Drilling 5140 Test Altamont Porosity and U. Pawnee together Mud - vis. 46, w.l. 16.8, wt. 9.1
DST #2 5138-5199, Times 30"-45"-30", wk. blow died 30" 1st open, flushed on 2nd open, no help.
Rec. 150 drilling mud
IFP 69#-85# - ISIP 205# - FFP 104# - 145# - FSIP none taken - BHT 115 degrees F
Altamont Porosity - lmst., crm., tan, fxln., sli. foss., poor porosity, ns, s/fluor., no cut, 20 net units
Upper Pawnee - lmst., crm., tan, lt.brown, fxln., sli. chalky, foss. w/coral, poor-fair interxln. porosity
ns, poor fluorescence, n cut, 30 net units.

6/19/00 Drilling @ 5225 Mud - vis. 54, w.l. 11.2, wt. 9.0. l.c.m. 4#
Deviation 1/2 degree @ 5199

6/20/00 Drilling @ 5250 Mud - vis. 52, w.l. 12.4, wt. 9.1., l.c.m. 4#
Ft. Scott- lmst., tan, fxln., fair interxln porosity, foss., few spts. of oil stain, nfo, ns gas, sli. odor, no fluor., no cut, v. good drilling break, 422 net unit gas kick, Labette Shale gave 77 net units gas
DST #3 (Ft. Scott) 5219-5240, Times 45"-90"-75"-120", GTS 12"
1st Open Gauges - 53,200 CFG - 15": 54,700 - 25": 53,550 CFG - 35": 51,700 CFG - 45"
2nd Open Gauges - 78,100 CFG - 10": 53,900 CFG - 20": 45,600 CFG - 30": 42,050 CFG - 40"
2nd Cont'd. - 40,700 CFG - 50": 39,100 CFG - 60": 37,600 CFG - 70": 37,050 CFG - 75"
Rec. 115 drilling mud
IFP 52#-65# - ISIP 1655# - FFP 70# - 81# - FSIP 1611# - BHT 122 degrees F
Shut-ins extrapolated to ISIP 1725# and FSIP 1711#

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SEP 29 2000

Well Name
#1Herd

Operator
Falcon Exploration, Inc. CONSERVATION DIVISION
WICHITA, KS

6/20/00 Cont'd. Miss. Detrital Zone 5340-5359 -- Cht. weathered with s/vuggy porosity. 75% ns 25% with lt. brwn. stain, 1 piece with droplet of free oil, pr.-fr. fluor., fr. cut, sli. odor. Exceeded 400 net units of gas. Miss Detrital Zone 5364-5379 -- Cht. weathered aa. 80% with staining. Many droplets of free oil. sli. odor. 120 net unit gas kick. Preparing to run DST #4

6/21/00 TOH w/DST #4 Mud -- vis. 54, w.l. 11.2, wt. 9.0. l.c.m. 2#
Deviation 3/4 degree @ 5390

DST #4 (Det. Miss. & Upper Miss) 5286-5390, Times 30"-60"-60"-120", GTS 5" of 2nd Open
2nd Open Gauges -- 13,900 CFG -- 5": 10,100 -- 15": 9,200 CFG -- 25": 10,600 CFG -- 35"
2nd Open Gauges -- 11,100 CFG -- 45": 11,900 CFG -- 55"
Rec. 90 drilling mud
IFP 93#-96# -- ISIP 826# -- FFP 105#-120# -- FSIP 1260# -- BHT 125 degrees F
Initial Shut-in would not extrapolate, Final Shut-in extrapolated to 1333#
Preparing to run DST #5
Dolomite 5492-5500 -- fr.-gd. solution & vuggy porosity, fr. sfo, gd. fluor., gd. cut
no gas kick and no odor

6/22/00 TOH w/DST #5 Mud -- vis. 51, w.l. 9.6, wt. 9.0. l.c.m. 3#
DST #5 5400-5528, Times 30"-45"-30"-60", wk. blow that died both opens.
Rec. 130 mud, NS
IFP 108#-132# -- ISIP 699# -- FFP 151#-161# -- FSIP 582# -- BHT 124 degrees F

6/23/00 Drilling @ 5825 Mud -- vis. 48, w.l.10.4, wt. 9.2. l.c.m. 8#
Cowley Facies picked at 5809 (-3829) +4 to Christopher

6/24/00 Drilling @ 6075

6/24/00 Drilling @ 6287

6/24/00 RTD of 6338 LDDP, preparing to P&A
LTD of 6340

Plug with 50 sxs. @ 780' using 60/40 pozmix, 6% gel
40 sxs. @ 260'
10 sxs. @ 40'
15 sxs. in RH
Plug Down 12:30 p.m. 6/26/00

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