

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

ORIGINAL
KCC

APR NO. 15- 165-21641-0000

CONFIDENTIAL

County Rush
NE SW Sec. 32 Twp. 18 Rge. 20 X ^E _W

Operator: License # 5316

1980 Feet from SYN (circle one) Line of Section

Name: Falcon Exploration Inc.

3300 Feet from E/W (circle one) Line of Section

Address 155 N. Market, Suite 1010

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

City/State/Zip Wichita, KS 67202

Lease Name Yost Well # 1

Purchaser: _____

Field Name wildcat

Operator Contact Person: Jim Thatcher

Producing Formation _____

Phone (316) 265-3351

Elevation: Ground 2137 KB 2145

Contractor: Name: Duke Drilling Co.

Total Depth 4310 PSTD _____

License: 5929

Amount of Surface Pipe Set and Cemented at 485 Feet

Wellsite Geologist: Kevin Howard

Multiple Stage Cementing Collar Used? _____ Yes X No

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

If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

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

Drilling Fluid Management Plan ALT 1 12-3-93
(Data must be collected from the Reserve Pit) ptw

Operator: _____

Chloride content 75000 ppm Fluid volume 1285 bbls

Well Name: _____

Dewatering method used Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

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

Operator Name _____

RELEASED

Spud Date 10/2/93 Date Reached TD 10/10/93 Completion Date 10/10/93

Lease Name _____

Quarter Sec. _____ TYPED 2 1994 ^E _W

County _____ Docket No. _____

FROM CONFIDENTIAL

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 Jim Thatcher

Title Agent Date 10/19/93

Subscribed and sworn to before me this 19th day of October, 19 93.

Notary Public Susan M. Way

Date Commission Expires _____

SUSAN M. WAY
NOTARY PUBLIC
STATE OF KANSAS
MY COMM. EXPIRES 10-17-96

RECEIVED
STATE CORPORATION COMMISSION
K.C.C. OFFICE USE ONLY
F Letter Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
OCT 21 1993
10-20-93
Wichita, Kansas
KCC _____ NSGA _____
KGS _____ Plug _____ Other _____
(Specify)

P1

Operator Name Falcon Exploration Inc.

Lease Name Yost

Well # 1

East

County Rush

Sec. 32 Twp. 18 Rge. 20

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.

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.)

List All E.Logs Run:

Dual Induction/Gamma Ray
Z-Densilog/Gamma Ray Neutron/Minilog

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1397	+ 748
B/Anhydrite	1427	+ 718
Heebner	3644	-1499
LKC	3690	-1545
Pawnee	4113	-1968
Mississippi	4260	-2115

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	10-3/4	8-5/8	23	485	40/60 poz	225	2% gel, 3%cc

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 Yes No

Date of First, Resumed Production, SWD or Inj. 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 Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____

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FALCON EXPLORATION INC.

Yost #1

NE SW Sec. 32-18S-20W, Rush County, KS

API #15-165-21641-0000

DST #1 4139-70, times 30/45/20/0, rec. 20' mud. Flow P 44/44-55/55, SIP 66, BHT 113°F.

DST #2 4167-79, times 10/10/2/0, rec. 900' mw. Flow P 356/434-490/0, SIP 535,
BHT 115°F.

RELEASED

NOV 21 1994

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STATE CORPORATION COMMISSION

OCT 20 1993
10-20-93
CONSERVATION DIVISION
Wichita, Kansas



HALLIBURTON **JOB SUMMARY**

HALLIBURTON DIVISION **WELL DATA**
 HALLIBURTON LOCATION **NESS CITY, KS**

15-165-21641-0000
 BILLED ON TICKET NO. **509181**

CONFIDENTIAL

FIELD _____ SEC. **32** TWP. **18** RNG. **20** COUNTY **ROSH** STATE **KS**

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO **10633**
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS **KCC** MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT **OCT 19**
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	W	25	8 5/8	K8	485	SET
LINER						
TUBING						
OPEN HOLE			1274	485	491	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10-1	DATE 10-1	DATE 10-2	DATE 10-2
TIME 2200	TIME 2315	TIME 0243	TIME 0500

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS 1,3	2	HOWCO
BOTTOM PLUG		
TOP PLUG LA-11	1	HOWCO
HEAD PC	1	HOWCO
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. WILSON	B9277	COMBO
B. GAUTT	B1231	51145
		NESS CITY, KS
M. KARLEN	61511	11445, KS

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT **CEMENT**
 DESCRIPTION OF JOB **8 5/8" SURFACE**

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE **X [Signature]**
 HALLIBURTON OPERATOR **Wayne E. White**
 COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	225	40% PCL 60% STD	STD	B	RELEASED	1.12	14.76
	110	40% PCL 60% STD	STD	B		1.30	13.96
					NOV 21 1994		

SUMMARY FROM CONFIDENTIAL VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. **27.97**
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY (BBL.-GAL.) **52.1 - 21.9 = 74.0**
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET **15'** REASON **REQUESTED**

RECEIVED
 STATE CORPORATION COMMISSION (15-165-21641-0000)
NOV 20 1993
10-20-93
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER: **FALCON CORPORATION**
 LEASE: **YOST**
 WELL NO.: **1**
 JOB TYPE: **8 5/8" SURFACE**
 DATE: **10-2-93**

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
FALGOS EXPLORATION		1		YOST		8 5/8" SURFACE		509181	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	2200							CALLED OUT 10-1-93	
	2315							ON LOCATION 10-1-93	
								BREAK CIRCULATION - MUD PUMP	
	0343	6	0				200	START MIXING CEMENT	
	0358		74.0					FINISH MIXING CEMENT	
								RELEASE PLUG	
	0400	7	0				350	DISPLACE PLUG	
	0407		30					PLUG DOWN 80 SKS CEMENT TO PRT	
	0408							SINTEW RELEASE PRT	
								WASH UP TRUCK	
								RACK UP TRUCK	
	0500							JOB COMPLETE	
								PLUG C KB - 470'	
								RELEASED	
								NOV 21 1994	
								FROM CONFIDENTIAL	
								STATE INFORMATION COMMISSION	
								OCT 20 1993	
								10-20-93	
								CONSERVATION DIVISION	
								Wichita, Kansas	

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FROM CONFIDENTIAL

MIKE YOD

WAYNE WELSON

MIKE GAST

STATE INFORMATION COMMISSION

OCT 20 1993

10-20-93

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: *Falcon Exploration*
LEASE: *lost*
WELL NO: *#1*
JOB TYPE: *Plug To Abandon*
DATE: *10/10/93*

15-165-21641-0000

WELL DATA

FIELD _____ SEC. *32* TWP. *18^s* RNG. *20^w* COUNTY *Rush* STATE *Ks.*

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO *KOC*

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. *OCT 19*

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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ORIGINAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <i>LA-11</i>	<i>2 3/8'</i>	<i>1 HOWCO</i>
HEAD		
PACKER		
OTHER		

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>10/10/93</i>	DATE <i>10/10/93</i>	DATE <i>10/10/93</i>	DATE <i>10/10/93</i>
TIME <i>1600</i>	TIME <i>1730</i>	TIME <i>1815</i>	TIME <i>1945</i>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API

DISPL. FLUID _____ DENSITY _____ LB/GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>R. Legleiter</i>	<i>Combs-51145</i>	<i>Ness City, Ks.</i>
<i>B. Crosswhite</i>	<i>Bulk</i>	<i>Hays, Ks.</i>
<i>M. Karlin</i>	<i>3703</i>	

DEPARTMENT *Crud.*

DESCRIPTION OF JOB *Plug To Abandon*

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE *X [Signature]*

HALLIBURTON OPERATOR *Roger B. Legleiter* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>175</i>	<i>40/60 Poz</i>		<i>B</i>	<i>6% Cel</i>	<i>1.64</i>	<i>13.1</i>

RELEASED

NOV 21 1994

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

SUMMARY

PRESTRESSING _____ VOLUMES _____ TYPE _____

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____

CEMENT SLURRY (BBL.-GAL.) *SI*

TOTAL VOLUME: BBL.-GAL. _____

REMARKS *See Chart & Job Log*

Thank You [Signature]

RECEIVED

10-20-93

OCT 20 1993

CONSERVATION DIVISION
Wichita, Kansas

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.	LEASE	JOB TYPE	TICKET NO.			
Falcon Exploration		#1	Yost	Plug To A Bandon	568117			
CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							Called out
	1730							on loc. setup truck Rig running Plugging stands in hole
			CONFIDENTIAL					
	1815		5					D.P. @ 1420 pump 5 ^{55'} H ₂ O spacer MIX 50 sks 40/60 Poz 6% Gel
			14.6					Pump 2 ^{55'} H ₂ O spacer
			2					14.6 ^{55'} Mud to Balance
			14.6					Plug down Pull D.P. to 850'
	1830							
	1840		5					Pump 5 ^{55'} H ₂ O spacer MIX 50 sks Cnt
			14.6					2 ^{55'} H ₂ O spacer
			2					6.5 ^{55'} Mud to Balance
			6.5					Plug Down Pull D.P. to 500'
	1850							
	1855		5					Pump 5 ^{55'} H ₂ O spacer MIX 50 sks Cnt
			14.6					Pump 2 ^{55'} H ₂ O spacer
	1905							Plug Down Pull D.P. out of hole
								Push Top plug down 40' solid Bridge Lay down Rat hole
								MIX 10 sks 40' to surface
	1945							15 sks in Rat hole Wash and Rack up truck
	2030							Job Complete

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NOV 21 1994
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
R. Legleiter 80719 P.O. 40022 10-20-93
B. Crosswhite 89543 P.O. 51725
M. Karlin 01501 CONSERVATION DIVISION
Wichita, Kansas