

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

Operator: License # 03919Name: Challenger ExplorationAddress P. O. Box 1112City/State/Zip Hays, KS 67601Purchaser: Koch Oil CompanyOperator Contact Person: Linda M. BrownPhone (913) 625-9797Contractor: Name: Murfin Drilling Company, Inc.License: 30606Wellsite Geologist: Ron Nelson

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

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

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

04-27-93 05-01-93 5-23-93
 Spud Date Date Reached TD Completion Date

API NO. 15- 051-24824County Ellis- SW - NE - SE Sec. 20 Twp. 11S Rge. 19 X W1330 Feet from S/N (circle one) Line of Section920 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Wild Bill Well # 1Field Name WilesProducing Formation ArbuckleElevation: Ground 1957 KB 1962Total Depth 3539' PBTD 3600' - ProposedAmount of Surface Pipe Set and Cemented at 216 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1320 FeetIf Alternate II completion, cement circulated from N/A 13Bfeet depth to Surface w/ 275 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 200 bblsDewatering method used evaporationLocation of fluid disposal if hauled offsite: NoneOperator Name N/ALease Name N/A License No. N/A

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, 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 [Signature]Title OWNER Date 8/17/93S. subscribed and sworn to before me this 17th day of August 19 93.Notary Public Linda M. BrownDate Commission Expires March 7, 1996

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Modification RECEIVED

C ☐ Wireline Log Received

C ☒ Geologist Report Received AUG 26 1993

Distribution: KCC _____ NGPA _____

WSD/Rep _____

Plug _____

Wichita Division (Spokane)

NOTARY PUBLIC - State of Kansas

LINDA M. BROWN

My Appt. Exp. 3-7-96

Form ACO-1 (7-91)

88053

SIDE TWO

Operator Name Challenger Exploration Lease Name Wild Bill Well # 1
 Sec. 20 Twp. 11S Rge. 19 ☐ East ☒ West
 County Ellis

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 (Attach Additional Sheets.)	☒ Yes ☐ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Top Anhydrite	1300	+365
Electric Log Run (Submit Copy.)	☐ Yes ☒ No	Base Anhydrite	1347	+318
List All E.Logs Run:		Topeka	2961	-997
		Heebner	3181	-1216
		Toronto	3202	-1238
		LKC	3222	-1258
		BKC	3442	-1478
		Arbuckle	3527	-1564

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 $\frac{1}{4}$ "	8-5/8"		216'	60/40	150	2%Gel 3%CC
production	7-7/8"	5 $\frac{1}{2}$ "		3527'	HLC & EA2	560	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	N/A			
☐ 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
	N/A	N/A	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 1/2	3580'	N/A	N/A	
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
5-23-93					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15 bbls oil	None	10 bbls water	N/A	22

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

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

☐ Other (Specify) _____