

2-34-34 W

COPY

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

Operator: License # 6120Name: CABOT OIL & GAS CORPORATIONAddress 9400 N. BROADWAY, SUITE 608City/State/Zip OKLAHOMA CITY, OK 73114Purchaser: CABOT OIL & GAS MARKETING CORP.Operator Contact Person: JIM R. PENDERGRASSPhone (405) 478-6500Contractor: Name: H-40 DRILLING, INC.License: 30692

Wellsite Geologist: _____

Designate Type of Completion

 New Well X Re-Entry Workover

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

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

Operator: CABOT OIL & GAS CORPORATIONWell Name: KEATING-STEPHENS 4-2Comp. Date 10/15/93 Old Total Depth 6650'

X Deepening X Re-perf. Conv. to Inj/SWD
 Plug Back 6080' PSTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

9/4/93 9/14/93 10/15/93
Spud Date Date Reached TD Completion Date

RECOMPLETION DATE
10/17/94API NO. 15- 175-213300001County SEWARDC - NW - NW - Sec. 2 Twp. 34S Rge. 34 X W660 Feet from S (circle one) Line of Section660 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name KEATING-STEPHENS Well # 4-2Field Name ADAMSONProducing Formation MORROWElevation: Ground 2902' KB Total Depth 6650' PSTD 6080'Amount of Surface Pipe Set and Cemented at 1529 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan OWWO 2-4-96 DK
(Data must be collected from the Reserve Pit)Chloride content 4000 ppm Fluid volume 10000 bblsDewatering method used EVAPORATE/DEWATER/BACK FILLLocation of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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 James R. Henry JAMES R. HENRYTitle ENGINEER Date 11/1/94Subscribed and sworn to before me this 1st day of NOVEMBER19 94 IN OTNotary Public Cherie B. TurnerDate Commission Expires SEPTEMBER 2, 1996

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)

253148

SIDE TWO

Operator Name CABOT OIL & GAS CORPORATIONLease Name KEATING-STEPHENSWell # 4-2Sec. 2 Twp. 34S Rge. 34☐ East
☒ WestCounty SEWARD

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:

 DIL
 SPECIAL DENSITY DUAL SPACED NEUTRON II
 MICROLOG

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum	
Herrington	2604	Chester	6004
Krider	2666	St. Genevieve	6350
Winfield	2722	St. Louis	6424
Ft. Riley	2774		
Council Grove	2972		
B/Heebner	4262		
Toronto	4268		
Lansing	4392		
Checkerboard	4944		
Marmaton	5082		
Oswego	5182		
Cherokee	5286		
Atoka	5528		
Morrow	5719		

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"	24 #/Ft.	1529'	35/65 poz H Class H	550 150	6% gel 2% cc
PRODUCTION	7-7/8"	5-1/2"	15.5 #/Ft.	6650'	50/50 poz 50/50 poz	190 195	2% gel 10% Salt 2% gel 10% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☒ Plug Off Zone				CIBP @ 6100', cemented w/2 sxs cement.

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
2	PERF MORROW 5983'-5990'	Treat Morrow w/1000 gals MSR-100	5983'-5990'
		Frac Morrow w/32,046 gals YF135 +	
		129,840# 20/40 Ottawa Sand	

TUBING RECORD	Size 2-3/8"	Set At 5947.30	Packer At	Liner Run ☐ Yes ☒ No
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Date of First, Resumed Production, SWD or Inj.	Producing Method
10/18/94	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	300			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

5983'-5990'