

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 CorporationOperator Contact Person: Jim R. PendergrassPhone (405) 478-6500Contractor: Name: H-40 Drilling, Inc.License: 30692Wellsite Geologist: Earth Tech

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: STATE CORPORATION COMMISSIONWell Name: FEB 28 1992Comp. Date APR 18 1992 Old Total Depth CONV. TO INJ/SWD☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. ☐ Dual Completion ☐ Docket No. ☐ Other (SWD or Inj?) ☐ Docket No. 11-20-91 12-1-91 2-14-92Spud Date Date Reached TD Completion Date API NO. 15- 175,21,221County Seward30-32-33W
-W/2-SW Sec. 30 Twp. 32S Rge. 33 XX W1320' Feet from (S/N) (circle one) Line of Section660' Feet from (E/W) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW) (circle one)Lease Name Luft Well # 3-30Field Name HitchProducing Formation ChaseElevation: Ground 2849' KB 2861'Total Depth 6350' PBTD 2850'Amount of Surface Pipe Set and Cemented at 1630' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cat.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 3750 ppm Fluid volume 8000 bblsCementing method used Evaporation & Drying OutLocation 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 Jim R. PendergrassTitle Drilling Superintendent Date 2/24/92Subscribed and sworn to before me this 25 day of February, 19 92.Notary Public Robert L. MitchellDate Commission Expires November 9, 1992

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received IS

Distribution

☒ KCC ☐ SWD/Rep ☒ NGPA
☒ KGS ☐ Plug ☒ Other
(Specify)

SIDE TWO

Operator Name Cabot Oil & Gas CorporationLease Name LuftWell # 3-30Sec. 30Twp. 22SRge. 33E☐ 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:

SPECTRALOG COMPENSATED NEUTRON DENSITY
CEMENT BOND DUAL INDUCTION
DIVERTER GAMMA MINILOG
FLOWMETER CALIPER

☐ Log

Formation (Top), Depth and Datum

☒ Sample

Name

Top

Datum

Herrington

2557'

U. Krider

2583'

L. Krider

2618'

Winfield

5582'

Ft. Riley

5777'

TD

6350'

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#	1630'	35-65 poz Class H	550 150	2% cc
Production	7 7/8"	4 1/2"	10.5#	6003'	50-50 poz	175	10% salt
						275	6% gel

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				

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
1 spf	Chase= Herrington 2557-64; U. Krider 2586-94 and L. Krider 2620-40	Acidized w/4500 gals 15% Hcl + 76 ball sealers and fraced	Chas r
		w/38,280 gals Boragel + 120,500# 12/20 Brady Sand	"
2 spf	L. Morrow 5766-74 & 5780-86	Acidized w/5000 gals 15% NEFE Hcl acid + 100 ball sealers	5766-5846
	Chester 5840-46 & 5814-16	+ 29 bbls 2% Kcl wtr.	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
85 jts	2 3/8"	2691'	CIBP @ 5716' & 2850'		
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
		58 mcf/d			

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) _____