

FORM MUST BE TYPED

ORIGINAL

SIDE ONE

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

Operator: License # 31961Name: Buried Hills Production Company Inc.Address 900, 606 - 4th Street S.W.Calgary, AlbertaCity/State/Zip CANADA T2P 1T1

Purchaser: _____

Operator Contact Person: _____

Phone (____) _____

Contractor: Name: Duke #4License: 5929Wellsite Geologist: Mathew D. Goolsby

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☒ SWD ☐ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: KCCWell Name: MAR 3Comp. Date CONFIDENTIAL Total Depth _____☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTB☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____

Nov 9/97

Nov 18/97

Nov 30/97

Spud Date

Date Reached TD

Completion Date

API NO. 15- 083-21453-00-00County Hodgeman- NE - SE - NE Sec. 35 Twp. 22S Rge. 23 X ^E _W1680' Feet from S (circle one) Line of Section430' Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Billings Well # 1 SWDField Name Oppy South

DISPOSAL

~~Production~~ Formation ArbuckleElevation: Ground 2231' 2231 KB 2238.5' 2241Total Depth 5400 PBTB pc logsAmount of Surface Pipe Set and Cemented at 1422.4 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 98 8-13-98
(Data must be collected from the Reserve Pit)Chloride content 1600 ppm Fluid volume 400 bblsDewatering method used Settling

Location of fluid disposal if hauled offsite:

RECEIVEDOperator Name N/A KANSAS CORPORATION COMMISSIONLease Name _____ License No. MAR 0 1998

____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ DOCUMENTATION DIVISION

WICHITA, KS

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 2 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 W. K. LeitchTitle Vice-President, Production Date MARCH 5/98Subscribed and sworn to before me this 5TH day of March, 19 98.Notary Public Donald R. Leitch

Date Commission Expires _____

RELEASED

APR 20 2001

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)

DONALD R. LEITCH

A Commissioner for Oaths and Notary Public
in and for the Province of Alberta.

My Appointment expires at the pleasure of
the Lieutenant-Governor

FROM CONFIDENTIAL Form ACO-1 (7-91)

Operator Name Buried Hills Production CompanyLease Name BillingsWell # 1 SWDSec. 35 Twp. 22S Rge. 23☐ EastCounty Hodgeman☒ 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
(Attach Additional Sheets.)☐ Yes ☒ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☐ Yes ☐ No

List All E.Logs Run:

Dual Compensated Porosity Log
Dual Induction Log☐ Log

Formation (Top), Depth and Datums

☐ Sample

Name

Top

Datum

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	1422.4'	35165 Class C	365	6% D20+3%SL+.25
					Class C	170	PPB29
							3%SL+.25PPSD29
Production	7 7/8"	5 1/2"	15.5	4980.5	EA2 Standard	310	5% Calseal+18%Salt
							1/4#/SK Floseal
							3/4% Halad - 322

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
	Open Hole Completion		
	4980.5' - 5400'		
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size 3 1/2"	Set At 4957.8'	Packer At 4941.6'	
Date of First, Resumed Production, SWD or Inj. Dec 2/97		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
Well was drilled as a SWD			

Disposition of Gas:

METHOD OF COMPLETION

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

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

☐ Other (Specify)

4980.5' - 5400'