

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1274460
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

<input type="checkbox"/> Oil	<input type="checkbox"/> WSW	<input type="checkbox"/> SWD	<input type="checkbox"/> SIOW
<input type="checkbox"/> Gas	<input type="checkbox"/> D&A	<input type="checkbox"/> ENHR	<input type="checkbox"/> SIGW
<input type="checkbox"/> OG		<input type="checkbox"/> GSW	<input type="checkbox"/> Temp. Abd.
<input type="checkbox"/> CM (Coal Bed Methane)			
<input type="checkbox"/> Cathodic <input type="checkbox"/> Other (Core, Expl., etc.): _____			

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

<input type="checkbox"/> Deepening	<input type="checkbox"/> Re-perf.	<input type="checkbox"/> Conv. to ENHR	<input type="checkbox"/> Conv. to SWD
<input type="checkbox"/> Plug Back		<input type="checkbox"/> Conv. to GSW	<input type="checkbox"/> Conv. to Producer
<input type="checkbox"/> Commingled		Permit #: _____	
<input type="checkbox"/> Dual Completion		Permit #: _____	
<input type="checkbox"/> SWD		Permit #: _____	
<input type="checkbox"/> ENHR		Permit #: _____	
<input type="checkbox"/> GSW		Permit #: _____	

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - _____

Spot Description: _____

____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West

____ Feet from North / South Line of Section

____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____



1274460

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives

Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3)Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No (If No, skip question 3)Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No (If No, fill out Page Three of the ACO-1)

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 ENHR.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____			PRODUCTION INTERVAL: <hr/> <hr/>		
--	---	--	--	-------------------------------------	--	--

1/2 hr -20-25-250-413

COLT ENERGY, INC. — OIL OPERATION

WELL PULLING RECORD

Date 5-5-00

Lease Name Keown Well No. 1810

Reason for Pulling Plug

Type of Pump Removed _____

Special Equip. Removed (Anchors, Checks, etc.) _____

T.D., SLM _____ Fluid Level from Surface _____

Well Conditions Seen (Corrosion, Gas, Gyp, Paraffin, Sand, etc.) _____

Chemical Treatment (Kind and Amount) _____

Type of Pump Run In _____

Special Equipment (Anchors, Checks, etc.) Run In _____

Additional Information; including jack or other repairs, tubing clamp loose, and oil cleanup. _____

~~80 scs inside shut in~~
~~600 lbs - 20 outside 200 to~~
~~top 100 ft on mt 20464~~

Called In By _____ Signed By P. J.

44K - 258

COLT ENERGY, INC. — OIL OPERATION

WELL PULLING RECORD

Date 4-24-00

Lease Name Keween Well No. 1870

Reason for Pulling Getting ready to plug

Type of Pump Removed STP - P3C - 5' - 30" THD
6 FZ

Special Equip. Removed (Anchors, Checks, etc.) _____

T.D., SLM _____ Fluid Level from Surface _____

Well Conditions Seen (Corrosion, Gas, Gyp, Paraffin, Sand, etc.) _____

Chemical Treatment (Kind and Amount) _____

Type of Pump Run In _____

Special Equipment (Anchors, Checks, etc.) Run In _____

Additional Information; including jack or other repairs, tubing clamp loose, and oil cleanup. _____

Pulled 32 x 5 1" - 1" x 20
June - 22 x 5 2" 10rd x 20
Inventory - Pump To Invent.

Called In By _____ Signed By Pick

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

K.A.R.-82-3-117

200 Colorado Derby Building
Wichita, Kansas 67202

TYPE OR PRINT

NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

PLUGGED

LEASE OPERATOR COLT ENERGY, INC.

ADDRESS PO BOX 388 IOLA, KANSAS 66749

PHONE (316) 365-3111 OPERATORS LICENSE NO. 5150

Character of well OIL WELL

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 5-4-2000 (date)

by TOM WELCH (KCC District Agent's Name).

Is ACO-1 filed? NO If not, is well log attached?

Producing Formation SQUIRREL Depth to Top 923.5 Bottom 949 T.D. 1225

Show depth and thickness of all water, oil and gas formations.

Oil, Gas Or Water Records

CASING RECORD

Formation	Content	From	To	Size	Put In	Pull Out
				7"	18'	
SQUIRREL	OIL	835	840	4 1/2	1186'	

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plug was used state the character of same and depth placed, from _____ feet to _____ feet each set. PUMPED 80SX CEMENT INSIDE 2" TO SURFACE SQUEEZED WELL CLOSED IN @600PSI RAN 1" ON OUTSIDE 2" TO 200' PUMPED 20SX CEMENT TO SURFACE. WELL PLUGGED

Name of Plugging Contractor COMPANY TOOLS License No. _____

Address SAME AS ABOVE

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: COLT ENERGY, INC.

STATE OF KANSAS COUNTY OF ALLEN, ss.

DENNIS KERSHNER AGENT OF COLT ENERGY, INC. (Employee of Operator) or (Operator) of aboved-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Dennis Kershner

(Address) PO BOX 388 IOLA, KS 66749

15th day of May, 19-2000

Shirley A. Stotler

Notary Public



SUBSCRIBED AND SWORN TO before me this

My Commission Expires: 1-20-2004

Form CP-4

ADDITION TO KEOWN 18AO ORIGINAL WELL LOG

2-16-78 Rigged up on this well w/Winter Weiss and cleaned out well using a 6 1/8" bit to 1225'.

2-22-78 Conditioned hole before pulling drill pipe and then ran 1186' of 4 1/2" O.D. casing. The frac unit then pumped 60 sacks of Portland cement through the 4" followed by a 4" rubber plug and 19 bbls of water.

2-23-78 Moved Winter Weiss off location and rigged 72 up. The logging truck then ran a Delta-Temp log before the well was cleaned out w/the small tools to 1170'.

2-24-78 This well was further cleaned out to the rubber plug found at 1184'. The well was then swabbed and bailed dry after which a gamma log was run.

Spotted 4 carboys of HC1 in this well before shooting it with a strip shot using 11/28 gram jets from 1155.5 to 1170' w/spacing of 1 1/2' apart.

2-27-78 Swabbed this well down and closed well in for 30 minutes. Well built up 8 PSI gas pressure; believed to be acid gas. Kept swabbing well getting approx, 20 bbls an hour; then closed well in.

The frac unit used 10 bbls of water to break this well at 1000#. 2000# of 8-20 sand were then pumped in 45 bbls of gel but this well screened out.

2-28-78 Ran bailer this A.M. to find FL @ 240' and sand @ 1085'. Pulled swab down to 900.

3-1-78 Ran 2" wash string in and washed frac sand out down to 1180'.

3-2-78 Ran bailer to 1180 and found FL @ 440'. Pulled 10 bailers in 15 minutes pulling fluid down to 525'.

3-3-78 Went to 1180' with bailer this A.M. finding FL @ 440'. Swabbed well down to 950 and let set for one hour. In one hour, fluid had come back to 500' w/2' of fill in well bore.

Ran 2/30 minute tests swabbing fluid down to 1100' in both tests. In both tests, fluid came back to 550' giving up clean cool water. The 72 was then moved off location.

8-16-78 Rigged 72 up and washed 1" down to 1177'. Pumped 20 sacks of neat cement through 1" and the 1" was raised up to 1000' to wash out excess cement.

8-17-78 Ran bailer in this A.M. and found hard cement at 1007' w/well bore still full of fluid. Ran Gamma log before shooting this well w/28 gram strip jets at the following points: 925, 924.5, 924, 923.5, 946.5, 947, 947.5, 948, 948.5, and 949.

RECORDED

After the shot, 2 carboys of acid were then pumped on bottom.

8-18-78 After allowing the well to set over night, the fluid level was found to be at 225'. Swabbed the well bore down to 925' and ran a 30 minute test. In 30 minutes, the well gave up very little fluid.

Started to frac this well but the well would not break down. 1" was then run and 4 carboys of acid, HC1, were spotted on bottom.

8-21-78 The frac unit pressured this well up to 1800# but it would not break.

Again this well was shot using 3# DuPont HDP-1 at each of the following areas: 925' to 923.9; 946.5 to 949'; 949' to 949.9'. 4 carboys of HC1 were then spotted on bottom against the shot.

8-22-78 The frac unit used 10 bbls of water to break this well at 1250#. 800# of 20-40 sand were then pumped in 35 bbls of gel at 850# - 1000#. 25 bbls of water were then pumped in to flush the tubing, with a final pressure of 400#.

8-23-78 Ran SLM to 998' this A.M. w/FL at 100'. Swabbed fluid down to 925 before running a 30 minute test. In 30 minutes, fluid had come back 190'. Well was closed in for the night.

8-24-78 Pressure on 4½" casing this A.M. was 100# and the fluid level was 700' w/30' of oil on top of water. Swabbed fluid down to 925' and let set for 30 minutes. 80' of fluid came back in well bore.

8-25-78 Ran 925.20' of 3.75# 2" tubing w/seating nipple. Then ran 1" and pump before tearing rig down.

8-26-78 Checked pressure on the 4½" casing again this morning and the pressure was not measurable w/a 200# gauge. Did not detect bit a puff when opening lub stop.

7-23,24-80 This well was plugged back to 860 w/11 sacks of cement.

8-7-80 Perforated this well w/six 22.7 gr. strip jet shots at 835, 836, 837, 838, 839, and 840.

8-8-80 Consolidated Oil Well Services fractured this well w/water gel breaking it down at 1750#. 2000# of 12-30 sand and 2000# of 10-20 sand were used to treat this well at 900# to 700#. Final pressure on this well was 300#.

WELL LOG

KEOWN 18AO
NE NW SW Sec.22 T.23 R.18

PLUGGED

Started 2012-62
Finished 2-27-62

Moved the Damco on location and rigged up. Set 18' of 7" O.D. surface pipe and cemented in.

2	Soil	2	
12	Clay	14	
11	Lime	25	
5	Shale, Sandy	30	
62	Lime	92	
4	Shale	96	
61	Lime	157	Remarks: Mixed 2 lbs. Barafloc
76	Shale	233	and 36 gal. diesel.
47	Lime	280	
18	Shale	298	
8	Lime	306	
49	Shale	355	
63	Lime	418	
5	Shale	423	
42	Lime	465	
6	Shale, Limey	471	
10	Lime	481	
41	Shale	522	
7	Lime	529	
87	Shale	616	
3	Lime	619	
29	Shale	648	
37	Lime	685	Remarks: Mixed 4 lbs. Barafloc
63	Shale, Limey	748	and 4 gal. Diesel
9	Lime	757	
6	Shale, Limey	763	
9	Lime	772	
16	Shale, Limey	788	
18	Lime	806	
7	Shale, Limey	813	
7	Lime	820	
6	Shale	826	
50	Ran Core Barrel to Core	876	Remarks: Mixed 100 lbs. of Burtonite
29	Cored	926	with 15 gal. of Diesel
50	Cored	976	

Chain broke in transmission case. Took chain out and waited for parts. Pulled power take off, off rig.

47	Reamed hole from 926 to 976		Remarks: Mixed 100 lbs. Burtonite
26	Ran Core Barrel to Core 1023		and 15 gal. diesel - Circulate in well.
	Cored	1049	
1	Reamed hole from 976 to 1049		
50	Shale	1050	Remarks: Changed out hoisting lines.
49	Ran Core barrel to Core 1100		
	Cored	1149	
29	Reamed hole from 1050 to 1151		
	Ran in Core Barrel	1180	
	Reamed hole from 1151 to 1180		
19	Ran Core Barrel	1199	Remarks: Mixed 100 lbs. Burtonite
			with 15 gal. of Diesel.
			Circulate for 30 minutes.

Ran back in with $6\frac{1}{4}$ bit hit cave at 1050. Clean out cave and ream hole to 1199'. Drilled and take samples every 5'.

	Lime at	1215.63	
		1222	
3	Lime, Mississippi, Hard	1225	T.D. PLUGGED

Washed up hole.

2-26-62:

Ennis and Cornish ran a Gamma Log to $1220\frac{1}{2}'$. Pulled drill pipe up to 900' and pumped in 30 sacks of cement to plug the well. Pulled the drill pipe on out and laid it down. Tore down rig and moved.

7-23-80

KEOWN 18AD

TD 998'

PLUGGED

1. CHECK T.D.
2. SPOT 11 SACKS CEMENT ON BOTTOM.
3. PULL UP TO 860' + CUT OF CEMENT.
4. LET ~~████████~~ SIT TILL NEXT DAY + CHECK T.D.
5. SPOT THREE CARBOYS ACID
6. PERF. WELL WITH SIX SHOT'S
835' - 836' - 837' - 838' - 839' - 840'

CONSOLIDATED OIL WELL SERVICES, INC.

P.O. Box 884 Chanute, Kansas 66720
PHONE 316/431-9210

Ticket

2825

Date	Customer's Order-No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
8-8-80	1808				County Farm #3340	Tola
Charge To				Owner	Keown #1840	County
Mailing Address				Contractor		State
Box 388						X5
City & State						
Tola, Ks 66749						

PLUGGED

CEMENTING SERVICE DATA

TYPE OF JOB		CASING		HOLE DATA		PLUGS AND HEAD		PRESSURE		CEMENT LEFT IN CASING	
Surface		New		Bore Size		Bottom		Circulating		Requested	
Production		Used		Total Depth		Top		Minimum		Necessity	
Squeeze		Size				Head		Maximum		Measured	
Pumping		Weight		Cable Tool		FLOAT EQUIPMENT		Sacks Cement			
Other		Depth		Rotary		Type & Brand					
		Type				Admixes					

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	Water Frac	At Intervals of	133 - 760' - 76'	10 - 135' - 40'
Bbls Fracturing Fluid	#33-100 - 150 - 130	Breakdown Pressure from	1500 + 1800	psi to 10750 psi
Treating Pressures: Maximum	10750 psi	Minimum	10750 psi	Avg. Pump Rate 15 + 17 GPM/BPM
Sand	20+20 Each	Gals. Treating Acid		Type Open Hole Diameter
Well Treated Through: Tubing	A	Casing		Size 2" + 1 1/2" Weight
Remarks:				

No. Perforations	7 + 6	Pay Formation Name	Depth of Job
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INVOICE SECTION

Pumping Charge	2 Fracs	\$ 995.00
		\$ 850.00
Gals., Acid		\$
Sacks Bulk Cement		\$
Ton Mileage on Bulk Cement		\$
40 5x 12-30 @ 5.45		218.00
40 " 10-20 @ 5.20		208.00
150 lbs Water gel @ 2.05		307.50
10 gal Stay clay @ 14.00		140.00
4 hrs. transport @ 40.00		160.00
Fuel Eurocharge		20.80
TOTAL		\$ 2899.30
		1449.65

M|E|M|O

Date 8-16-78

to Yene

from Wendell

Kearny 18-A0

Ran 1186 ft of $4\frac{1}{2}$ " casing
and cemented with 60 sacks of cement.

Found rubber plug at 1184 ft.

Shoot well w/ 11 strip charges
from 1170 up to 1155.5 ft.

1. Run Bailev check T. D. of $4\frac{1}{2}$ "
is 1180 ft. OK.
2. Run 1" with jet bit and spot
cement at 1180 ft.
3. Pump 20 sacks of cement
and pull 1" up to 1000 ft +
wash out $4\frac{1}{2}$ " reverse circ.
4. Drop Ball with 1" at 1000 ft +
jet $4\frac{1}{2}$ " up 25 ft.
5. Pull 1" + jet bit out of
Hole.
6. Next morning check T. D.
w/ Bailev.

Harvey Electric Supply Co., Inc.

JOHN A. DUNN

1130 SWIFT

VERNON D. SMITH

NORTH KANSAS CITY, MO. 64116
PHONE 816-471-4911

ON TOUR AT 8:00 a. m. to 4:00 p. m. 4:00 p. m. to 12 M. 12 M. to 8:00 a. m.Operator: *M. C. Colt Inc.* Rig Used: *7R*Day of Week *Wed* Month *Aug* Date *16*, 1978Well No. *18-A Farm Neuron* Sec. *.....* Twp. *.....* Rg. *.....*

Depth Start of Tour ft. Size of Hole

Drilled During Tour ft. Bit No.

Depth End of Tour ft. Bit Make or Type

Lost Time hours. Reason:

Remarks

No. Feet	KIND OF FORMATION	Depth of Hole
	<i>Rig - 7R up on 18-A-0 Neuron</i>	
	<i>String - up small tools</i>	
<i>(Bit)</i>	<i>Run S.I.M. went to 1177'</i>	
<i>Top drill</i>	<i>Run 1" w/ 1" Jet Bit to 1177'</i>	
<i>Top drill</i>	<i>at 490'</i>	
<i>Pumped 20 sacks down</i>	<i>1" Pilled up to 975'</i>	
<i>Reverse Circulation, then dropped</i>	<i>Ball & settled out to 1000"</i>	
<i>Pilled 1"</i>	<i>String 4 1/2" w/ water</i>	
<i>Drilled</i>		

List names and hours of employees working on rig:

*Dittle John Deer Cat 2 hrs**Joe**Cyber**11*

Hours

*11*Driller (sign) *.....*

December 23, 2015

BETH WILSON
Colt Energy Inc
PO BOX 388
IOLA, KS 66749-0388

Re: ACO-1
API 15-001-01207-00-00
KEOWN 18AO
SW/4 Sec.22-23S-18E
Allen County, Kansas

Dear BETH WILSON:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 2/12/1962 and the ACO-1 was received on December 22, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department