

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

COLT ENERGY, INC. — OIL OPERATION

WELL PULLING RECORD

Date 5-5-00

Lease Name Keown

Well No. 1870

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 sks~~ 80 sks inside shut in  
600 lbs - 20 outside 200 to  
Top 100' on MAT 20464

Called In By

Signed By

Rich

44K-258

COLT ENERGY, INC. — OIL OPERATION

WELL PULLING RECORD

Date 4-24-00

Lease Name Keown Well No. 1840

Reason for Pulling beating ready to plug

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

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" to  
junk - 27 x 5 2" 10rd to  
Inventory - Pump To Invent.

Called In By \_\_\_\_\_ Signed By RL

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

API NUMBER        OLD WELL         
LEASE NAME KEOWN  
WELL NUMBER 18A0  
2425 Ft. from S Section Line  
4320 Ft. from E Section Line  
SEC. 22 TWP. 23 REG. 18 (E)  
COUNTY ALLEN  
Date Well Completed 8-22-78  
Plugging Commenced 5-4-2000  
Plugging Completed 5-4-2000

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 80SXS CEMENT INSIDE 2" TO SURFACE SQUEEZED WELL CLOSED IN @600PSI RAN 1" ON OUTSIDE 2" TO 200' PUMPED 20SXS 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

above-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

SUBSCRIBED AND SWORN TO before me this 12th day of May, 19 2000

Shirley A Stotler  
Notary Public

My Commission Expires: 1-20-2004

Form CP-4





ADDITION TO KEOWN 18AO ORIGINAL WELL LOG

2-16-21-78 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 HCl 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.

PLUGGED

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, HCl, 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 HCl 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 18A0  
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	Remarks: Changed out hoisting lines.
	Reamed hole from 976 to	1049	
1	Shale	1050	
50	Ran Core barrel to Core	1100	
49	Cored	1149	
	Reamed hole from 1050 to	1151	
29	Ran in Core Barrel	1180	Remarks: Mixed 100 lbs. Burtonite
	Reamed hole from 1151 to	1180	with 15 gal. of Diesel.
19	Ran Core Barrel	1199	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 ~~SEED~~ SIT TILL NEXT DAY + CHECK T.D.
5. SPOT THREE CARBOYS ACID
6. PERF. WELL WITH SIX SHOTS  
835' - 836' - 837' - 838' - 839' - 840'



# CONSOLIDATED OIL WELL SERVICES, INC.

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

**Ticket**

2825

7004, #

Date 8-8-80	Customer's Order No. 1828	Sec.	Twp.	Range	Well No. & Farm County Farm 33A	Place or Destination Tola
Charge To Mark C. Colt, Inc.			Owner Keown #18AD			County Allen
Mailing Address Box 388			Contractor			State KS
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 #33-764'-76' #18-235'-40'
Bbls Fracturing Fluid #33-110-#18-130	Breakdown Pressure from 1500 + 1800 psi to 10750 psi
Treating Pressures: Maximum 10800 psi	Minimum 10750 psi Avg. Pump Rate 15 + 12 GPM/BPM
Sand 20520 each	Gals. Treating Acid Type Open Hole Diameter
Well Treated Through: Tubing X	Casing X Annulus Size 2" & 4 1/2" Weight
Remarks:	
No. Perforations 7 & 6	Pay Formation Name Depth of Job

### INVOICE SECTION

Pumping Charge	2 Fracs	\$ 995.00
		850.00
Gals., Acid		\$
Sacks Bulk Cement		\$
Ton Mileage on Bulk Cement		\$
40 SK 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 surcharge		20.80
TOTAL		\$ 2899.30
		1449.65

Well Owner, Operator or Contractor



**M|E|M|O** . . . .

Date 8-16-78

to

Gene

from

Wendell

Keown #18-A0

Ran 1186 ft of 4 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 Bailer check T. D. of 4 1/2"  
is 1180 ft. OK.
2. Run 1" with get bit and spot  
cement at 1180 ft.
3. Pump 20 sacks of cement  
and pull 1" up to 1000 ft +  
wash out 4 1/2" reverse circ.
4. Drop Ball with 1" at 1000 ft +  
get 4 1/2" up 25 ft.
5. Pull 1" + get bit out of  
Hole.
6. Next morning check T. D.  
w/ Bailer.

**Harvey Electric Supply Co., Inc.**

JOHN A. DUNN

1130 SWIFT

VERNON D. SMITH

NORTH KANSAS CITY, MO. 64116

PHONE 816-471-4911

# DRILLER'S TOUR REPORT

MACK C. COLT, Inc.

*Ele-DK*  
Iola, Kansas

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*, 19 *78*

Well No. *18-A-0* Farm *Reawn* Sec. Tw. 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 Reawn</i>	
	<i>String-up small tools</i>	
<i>(Bill)</i>	<i>RUN S.I.M. went to 1177'</i>	
	<i>RUN 1" w/ 1" Jet Bit to 1177'</i>	
<i>TAP Blind</i>	<i>at 490'</i>	
	<i>Pumped 20 sacks down</i>	
	<i>1" Pulled up to 975'</i>	
	<i>Reverse Circulation, then dropped</i>	
	<i>Ball &amp; Jetted out to 1000'</i>	
	<i>Pulled 1"</i>	
	<i>Grilled 4 1/2" w/ water</i>	

List names and hours of employees working on rig:

*Little John Deer Cat* *2 hrs*

Driller (sign)

*Jes. Chycho*

Hours

*11*  
*11*