

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 31929
Name: T. T. Production, Inc.
Address: RR #1, Box 91
City/State/Zip: Haviland, KS 67059
Purchaser: OneOk, Inc.
Operator Contact Person: Ronald S. Schraeder
Phone: (316) 263-0898
Contractor: Name: N/A
License: N/A
Wellsite Geologist: NONE
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: Dunne - Gardner Petroleum, Inc.
Well Name: Curtis #1
Original Comp. Date: 11/23/77 Original Total Depth: 5030'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
11/13/77 11/23/77 & 05/07/82 04/04/01
Spud Date or Completion Date
Recompletion Date
DATE OF HOOKUP

API No. 15 - 097-20,430-0002
County: Kiowa
C SW SW Sec. 15 Twp. 27 S. R. 17 East West
660 feet from (S) / N (circle one) Line of Section
4620 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Curtis Well #: 1 (OWTO)
Field Name: Pending
Producing Formation: Lansing
Elevation: Ground: 2140' Kelly Bushing: 2149'
Total Depth: 5030' Plug Back Total Depth: 4170'
Amount of Surface Pipe Set and Cemented at 445 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 REVIEWED JH 10/30/02
(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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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 of 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: Ronald S. Schraeder
Title: Petroleum Engineer Date: 5-30-01
Subscribed and sworn to before me this 30 day of MAY, 2001
2001
Notary Public: John T. Williams, Jr.
Date Commission Expires: _____
KANSAS CORPORATION COMMISSION
MAY 31 2001
CONSERVATION DIVISION
WICHITA, KS



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received (1982 WASH DOWN)
 Geologist Report Received
 UIC Distribution

Operator Name: T. T. Production, Inc. Lease Name: Curtis Well #: 1 (OWWO)
 Sec. 15 Twp. 27 S. R. 17 East West County: Kiowa

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:
 Welex Compensated Density
 Welex Radioactivity

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 SEE SEPARATE SHEET FOR FORMATION TOPS

CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	445'	N/A	325	N/A
Production	7 7/8"	5 1/2"	14#	4963'	Lite	200	10% C.C. 12# gilsonite

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
	SEE SEPARATE SHEET	SEE SEPARATE SHEET	

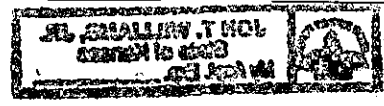
TUBING RECORD Size None Set At None Packer At None Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. 4-04-01 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil -0- Bbls. Gas 150 Mcf Water -0- Bbls. Gas-Oil Ratio N/A Gravity N/A

Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)* METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval 4134-40'



Operator Name: T. T. Production, Inc. Lease Name: Curtis Well #: 1 (OWWO)
 Sec. 15 Twp. 27 S. R. 17 East West County: Kiowa

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:
 Wellex Compensated Density }
 Wellex Radioactivity } **1982 PRINTS**

Log Formation (Top), Depth and Datum Sample

Name Top Datum

SEE SEPARATE SHEET FOR FORMATION TOPS

CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	445'	N/A	325	N/A
Production	7 7/8"	5 1/2"	14#	4963'	Lite	200	10% C.C. 12# gilsonite

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
	SEE SEPARATE SHEET	SEE SEPARATE SHEET	
4	4134'-4140' CIBP @ 4170'	NO STIMULATION	
4	4204'-4208'		

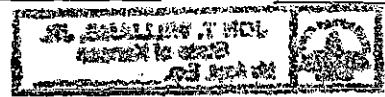
TUBING RECORD Size None Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumerd Production, SWD or Enhr. 4-04-01 Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbbs. <u>-0-</u>	Gas Mcf <u>150</u>	Water Bbbs. <u>-0-</u>	Gas-Oil Ratio <u>N/A</u>	Gravity <u>N/A</u>
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Disposition of Gas _____ METHOD OF COMPLETION _____ Production Interval 4134-40'

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Sumit ACO-18.) Other (Specify) _____



Ronald S. Schraeder
212 N. Market, Suite 405
Wichita, KS 67202

ORIGINAL

May 31, 2001

KANSAS STATE CORPORATION COMMISSION
O/G Conservation Division
Finney State Office Bldg.
130 S. Market, Rm 2078
Wichita, KS 67202
Attn: Dave Williams, Oil & Gas Prod. Supvr.

RE: Well Completion Form ACO-1
T. T. Production, Inc.
Curtis #1 (OWWO)
C SW SW Sec 15-T27S-R17W
Kiowa County, Kansas
API #: 15-097-20,430-A

Dear Dave,

This will continue our phone conversation of earlier this week. This is a new gas well and has only recently started to sell gas, but this well has a long and interesting history and therefore, I have included several pages of information which are not normally included with the filing of Form ACO-1.

Please find an original and two copies of everything, beginning with Form ACO-1; a scout card showing available drill stem test information; a separate sheet of available formation tops; a Completion Report from TGT Petroleum showing perforated intervals, acid work, and bridge plug depths; a copy of previously submitted 4-Point and 1-Point tests on the well; a Driller's Log by Dunne-Gardner Petroleum (circa 11-13-1977); a Daily Summary by Abercrombie Drilling, Inc. of the washdown completed 3-15-82; and a Daily Drilling Report by TGT Petroleum indicating casing and cementing information. Photo copies of available logs are included although not glued in a continuous fashion, and a copy of a letter to TGT Petroleum Corp. requesting that they sign a Form T1 for forwarding to your office.

This well was originally drilled by Dunn-Gardner Petroleum, Inc. as a dry hole in November, 1977. TGT Petroleum chose to wash down the well and set casing in March, 1982. After

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perforating and acidizing several zones, gas flows of as high as 480 MCF/D with corresponding shut-in pressures of 1320# were observed from the Lansing "B" formation. For whatever reasons, this well was never brought to market by TGT Petroleum.

Earlier this year, T. T. Production, Inc. entered into a agreement wherein they would assume operations the well, lay a gas line, and beginning selling gas. This work has now been done and gas sales began to OneOK, Inc. on April 4, 2001. Prior to laying a line a 4-Point test was done through an orifice tester, a copy is included. After the gas line was in place a 1-Point test was done into the line, a copy is also included.

Should you have any questions, please contact me at 316-263-0898. Under separate cover I am also applying for a new pool discovery and discovery allowable.

FOR T. T. PRODUCTION, INC.

Sincerely,



Ronald S. Schraeder
Petroleum Engineer

Enclosures (Original, 2 copies w/attachments)

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T. T. PRODUCTION, INC.
 CURTIS #1
 C SW SW Sec 15-T27s-R17w
 Kiowa County, KS

AVAILABLE DRILL STEM TEST INFORMATION

ORIGINAL

replacement card
 WILDCAT

TGT PETROLEUM CORP
 WICHITA KS

15-27S-17W
 C SW SW

#1 CURTIS OWWO

site: 5 N & 6 E OF GREENSBURG KS	cty: KIOWA	API 15-097-20430-A
contr: ABERCROMBIE DRILLING	trid: WC (3/4 N OF GREENSBURG EAST)	
fr date 12/23/81	spd date 03/13/82	drig comp 03/14/82
	card issued 08/26/82	last revised 01/20/97

ELV: 2149 KB LOG	IP status:
tops.....depth/datum	D & A, ARB, 08/19/82
TOP.....3502 -1353	RTD OLD5030 -2881
HEEB.....3939 -1790	INFO REL: 1/20/97 - WAS TEMP ABD
BR LM4090 -1941	NOTE: CORR 3/10/79 - ADDED MISS TOP
LANS.....4108 -1959	OLD INFO: OPERATOR WAS DUNNE-GARDNER PETR,
BKC.....4509 -2360	1 CURTIS, SPD 11/13/77, 11/22/77 8-5/8" 445 / 325 SX,
CHER.....4603 -2454	D & A, ARB, 11/22/77 (CARD ISSUED 12/08/77)
MISS.....4621 -2472	CONTR: DUNNE-GARDNER
KIND SH4643 -2494	NO CORES
KIND SD4663 -2514	DST (1) 4642-4695 (KIND), / 60-60-60-60, REC 40' M, NS
VIOLA.....4700 -2551	ISIP 234# FSIP 554# IFP 42# -21# FFP 42# -21#
SIMP SH4903 -2754	NEW INFO: FR 12/23/81, RE-ENTERED 03/13/82 WSH
SIMP SD4952 -2803	DWN TO 5030 DC 03/14/82 CSG: SET 5-1/2" 4963 / 275 SX
ARB.....4994 -2845	

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 INDEPENDENT OIL & GAS SERVICE, INC.
 WICHITA, KANSAS

(over)

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 WICHITA, KS

T. T. PRODUCTION, INC.
CURTIS #1
C SW SW Sec 15-T27s-R17w
Kiowa County, KS

ORIGINAL

AVAILABLE FORMATION TOPS

LANSING	4108	-2000
B/KS CITY	4509	-2401
MARMATON	4534	-2426
CHEROKEE	4603	-2495
PENN CONGL.	4636	-2528
KINDERHOOK SH.	4643	-2535
KINDERHOOK SD.	4663	-2555
VIOLA	4700	-2592
SIMPSON SH.	4903	-2795
SIMPSON SAND	4952	-2844
ARBUCKLE	4994	-2886
TOTAL DEPTH	5030	-2922

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TGT PETROLEUM CORPORATION

COMPLETION REPORT

ORIGINAL

CURTIS #1 (washdown)
C SW SW Sec. 15-27S-17W
Kiowa County, Ks.

1982

- May 6 Move in and rig up. Start swabbing down.
- May 7 Run cement bond log and correlation log. Perforate 4953'-57', 4 shots per foot SSB (Simpson Sand). Let set $\frac{1}{2}$ hr. Recovered 3 bbl. water. Shut down for weekend.
- May 8 Shut down.
- May 9 Shut down.
- May 10 1900' fill up - all salt water. Set bridge plug at 4838'. Bridge plug set 100' too high. Drill out bridge plug. Set new bridge plug at 4938'. Perforate 4914'-20', 4 shots per foot SSB (Simpson Dolomite). Let set $\frac{1}{2}$ hr. No fluid. Perforate 4920'-24', 4 shots per foot. Let set 45 min. Rec. 75 gal. of muddy water. Half hour tests as follows:
- | | |
|-----------------------|---------------|
| 1st $\frac{1}{2}$ hr. | 30 gal. water |
| 2nd $\frac{1}{2}$ hr. | 30 gal. water |
| 3rd $\frac{1}{2}$ hr. | 30 gal. water |
- Shut down for night.
- May 11 Set bridge plug at 4730'. Perforate 4687'-92', 4 shots per foot (Kinderhook Sand). Let set $\frac{1}{2}$ hr.
- | | |
|-----------------------|--------------|
| 1st $\frac{1}{2}$ hr. | 5 gal. fluid |
| 2nd $\frac{1}{2}$ hr. | 2 gal. fluid |
| 3rd $\frac{1}{2}$ hr. | Nothing |
- May 12 Run swab. No fluid recovered - 250' gas. Acidize/w/250 gal. 15% reg. acid. Increase pressure to 2000#. Let set 15 min. Dropped to 1500#. Start increasing pressure to 1900#, broke to 1000# at $\frac{1}{4}$ bbl. per min. Displace 2 bbl. into formation at $\frac{1}{4}$ bbl. per min. Increased rate to 2 bbl. per min. Pressure increased to 1050#, then broke to 1000# for remainder of treatment. 1 bbl. overflush. Total load 122 bbl. ISIP 850#, 5 min. 500#, 10 min. 450#. Shut in - bleed pressure off and start swabbing back. Rec. 116 bbl. on swab down. Let set $\frac{1}{2}$ hr. Run swab. No fluid recovered - 600' of gas. Test as follows:
- | | |
|-------------------|---------------------------|
| $\frac{1}{2}$ hr. | - 2 gal. fluid - 600' gas |
| $\frac{1}{2}$ hr. | - no fluid - 600' gas |
| $\frac{1}{2}$ hr. | - no fluid - 600' gas |
| 1 hr. | - no fluid - 900' gas |
| 1 hr. | - no fluid - 900' gas |
| 1 hr. | - no fluid - 900' gas |

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WICHITA, KS

1982

May 13 Had gas venting from the pipe. Swab well down. Rec. 1 bbl. fluid/w/trace of oil. Swab test as follows:

1st hr. - no fluid - 900' gas
2nd hr. - no fluid - 900' gas
3rd hr. - no fluid - 900' gas
4th hr. - no fluid - 900' gas
5th hr. - no fluid - 900' gas

May 14 Ran swab. Rec. 12' gassy fluid/w/show of oil. Gas venting out top. Ran tubing with Monolar Packer with BT tube below the packer to take 72 hr. shut in pressure. Packer set at 4650'.

May 15 Shut down.

May 16 Shut down.

May 17 72 hr. shut in pressure - 752#, 36 hr. shut in pressure - 437#. Swab well down. Rec. 30 gal. fluid/w/trace of oil. Set bridge plug at 4390'. Perforate 4352'-56', 4 shots per foot. Let set $\frac{1}{2}$ hr. Found 400' of fluid in hole. Pull swab. Go back to bottom, found 500' fluid in hole. Shut down for night.

May 18 Go in hole with swab. Found fluid 1300' down from top. Set bridge plug at 4346'. Perforate 4324'-26', 4 shots per foot. Swab hole down. No fluid recovery. Swab 4 additional hours. No fluid recovery.

May 19 Swab hole down. Rec. 70 gal. water. Acidize/w/250 gal. 15% MCA. Formation broke at 1200#, leveling out at 1050#. Increased rate to 2 bbl. per min. Broke to 650# and stayed there for remainder of treatment. ISIP 600#, 5 min. 400#, 10 min. 275#. Total load 113#. Swab well down. Rec. 107 bbl. fluid. Swab test as follows:

1st $\frac{1}{2}$ hr. 1 $\frac{1}{2}$ bbl. water
2nd $\frac{1}{2}$ hr. 1 $\frac{1}{2}$ bbl. water
3rd $\frac{1}{2}$ hr. 50 gal. water
4th $\frac{1}{2}$ hr. 50 gal. water

Perforate 4270'-72', 4 shots per foot. Swab well down. Swab test as follows:

1st $\frac{1}{2}$ hr. 65 gal. water
2nd $\frac{1}{2}$ hr. 85 gal. water

Rig up perforator. Perforate 4204'-08', 4 shots per ft. Swab well down. Let set $\frac{1}{2}$ hr. Go in hole with swab. Had 550' of water. Let set $\frac{1}{2}$ hr. Had 700' of water. Set bridge plug at 4170'. Perforate 4134'-40', 4 shots per foot. Run swab. Rec. 20 gal. water. Let set $\frac{1}{2}$ hr. Run swab. Rec. 22 gal. of water. GTS in 40 min.

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1982

May 19
(cont.)

Gauge as follows:

<u>Plate Size</u>	<u>Minutes</u>	<u>MCF</u>
1/4"	5	20.7
	10	29.9
	15	35.9
	20	42.4
	25	47.9
	30	51.8
	75	119.0
3/8"		

Shut down for night.

May 20

8:00 AM. Had 202 MCF. Switch to 3/4 plate, had 303 MCF. Run swab.
Rec. 9.16 bbl. salt water. That is 15 hr. accumulation.

Swab test as follows:

1st hr. - 55 gal. water
2nd hr. - 20 gal. water
3rd hr. - 20 gal. water

60 min. open flow test thru 1/4" plate.

10 min. - 231 MCF
20 min. - 290 "
30 min. - 311 "
40 min. - 323 "
50 min. - 328.5
60 min. - 331 "

Shut in pressure as follows:

	15 min.	-	130
	30 "		210
	45 "		290
	60 "		370
1 hr	15 "		450
1 hr	30 "		525
1 hr	45 "		600
2 hr			675
2 hr	15 "		745
2 hr	30 "		800
2 hr	45 "		850
3 hr			900
3 hr	15 "		950
3 hr	30 "		995
3 hr	45 "		1030
4 hr			1065
4 hr	15 "		1090
4 hr	30 "		1110
4 hr	45 "		1130
5 hr			1145

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WICHITA, KS

1982

May 20 (cont.) Take sample of gas to be analyzed. BTU's 827. Shut well in.
May 21 18 hr. shut in pressure 1260#. Swab well down. Rec. 7 bbl. water (.16 BWPH). Flow well thru 3/4" plate beginning at 10:00 AM.

10 min.	279 MCFPD
20 min.	347 "
30 min.	347 "
40 min.	370 "
50 min.	384 "
60 min.	398 "
70 min.	411 "
80 min.	424 "
90 min.	424 "
100 min.	424 "
110 min.	424 "
120 min.	424 "
120-300 min.	424 "
300-600 min.	424 "
600-1320 min.	424 "

May 22 Flowing at 424 MCFPD 8:00 AM. Well flowed at the rate of 424 MCFPD from 8:00 AM to 2:00 PM. Shut in well for pressure build up.

May 23 18 hr. pressure build up was 975#.

May 24 44½ hr. shut in pressure 975#.

May 25 Casing pressure 975#.

May 26 Casing pressure 975#.

May 27 Casing pressure 975#.

May 28 Casing pressure 975#.

May 29 Casing pressure 975#.

May 30 Casing pressure 975#.

May 31 Casing pressure 975#.

June 1 Release pressure on well. Go in hole with swab. Swab well down. Rec. 20 bbl. salt water (fluid level 850'). Flow well thru 3/4" plate as follows:

15 min.	461 MCF	90 min.
30 min.	480 "	105 min.
45 min.	487 "	120 min.
60 min.	480 "	
75 min.	480 "	

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480 MCF
480 "
480 "
MAY 31 2001

1982

- June 1 Swab well down. Rec. 1 bbl. salt water. Shut well in take 18 hr. shut in
(cont.) pressure.
- June 2 18 hr. shut in pressure - 1320#.
- June 3 42 hr. shut in pressure - 1320#.
- June 4 60 hr. shut in pressure - 1320#.

We are beginning negotiations to find a market for this gas. You will be kept advised as to the progress.

End of report.

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DRILLERS LOG

#1 CURTIS
C SW SW Section 15-27S-17W
Kiowa County, Kansas

OPERATOR: DUNNE-GARDNER PETROLEUM, INC.
Suite 250, 200 West Douglas
Wichita, Kansas 67202

CONTRACTOR: DUNNE-GARDNER PETROLEUM, INC.
Suite 250, 200 West Douglas
Wichita, Kansas 67202

COMMENCED: November 13, 1977

COMPLETED: November 23, 1977

CASING RECORD: 8-5/8" @ 445' w/325 sx

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
0	425	Sand and blue shale
425	445	Blue shale
445	1070	Shells and shale
1070	1976	Anhydrite
1976	4123	Shale and lime
4123	4875	Lime
4875	4970	Lime and shale
4970	5030	Lime
5030		Rotary total depth

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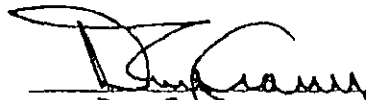
DEC 01 1977

CONSERVATION DIVISION
Wichita, Kansas
STATE CORPORATION COMMISSION

MAY 31 2001

STATE OF KANSAS)
) ss
COUNTY OF SEDGWICK)

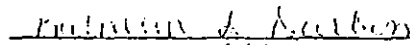
I hereby certify that the above is a true and correct log to the best of my knowledge and belief.



Don Gardner

Subscribed and sworn to before me this 29th day of November, 1977.

My appointment expires:
January 4, 1981



Notary Public

ABERCROMBIE DRILLING, INC.

801 UNION CENTER
WICHITA, KANSAS 67202

OPERATOR: TGT Petroleum Corp.
CONTRACTOR: Abercrombie Drilling, Inc.

CURTIS #1 (OWWO)(Rig #6)

C SW SW

Sec. 15-27-17

Kiowa County, Kansas

TGT Petroleum
209 E. William
Wichita, KS 67202

ORIGINAL

262-6489

Page 1 API# 15-097-20,430-A

- 3/10/82 M.I.R.U. Thurs., 3/11/82.
- 3/11/82 Moving in - rigging up.
- 3/12/82 M.I.R.U.
- 3/13/82 Preparing to spud.
- 3/14/82 Spud @ 1:00 p.m., 3/13/82. @ 4675' Washing down.
- 3/15/82 5030' TD. Ran 141 jts. of 5 1/2" 14# casing (tally 4998.75')
set @ 4963' and cemented with 75 sx. Halliburton Lite,
12 1/2# Gilsinite per sx. 200 sx. of 50-50 posmix, 10% Salt.
Pumped plug to 4959'. Job complete @ 7:30 a.m., 3/15/82.

RECEIVED

MAR 16 1982

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KANSAS CORPORATION COMMISSION

MAY 31 2001

CONSERVATION DIVISION
WICHITA, KS

TGT PETROLEUM CORPORATION

DAILY DRILLING REPORT

CURTIS #1 (washdown)
C SW SW Sec. 15-27S-17W
Kiowa County, Ks.

ORIGINAL

1982

- March 11 Move in and rig up.
- March 12 Still rigging up.
- March 13 Finish rigging up. Start washing down at 1:00 PM.
- March 14 Finish washing down. RTD 5029'. Run 5½" 14# K-55 seamless new and used casing, 141 joints. Set at 4963' with 75 sacks Halco Lite cement with 12½# Gilsonite per sack, followed by 200 sacks 50-50 Pos-Mix with 10% salt and 3/4# CFR. Plug was down at 6:00 AM on 3/15/82.

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WICHITA, KS

events # 1

OLD.

R.T.D - 5030

L.T.D - 5028

Wash down T.D - 5029

P.P.e 5 1/2" - 14# - K-55 5 mls - New + used
141-JTS set at 4963'

Shoe Joint - 16.35 overall

Zero - 7.75 A.B.H

Cement - 75 SKS Howco Lb. w/ 1 1/2" # 9165omite
200 SKS Por-Mix 50-50 w/ 10% salt
3/4" # CFR

13 Centralizers

1 Basket

1 Guide shoe

1 Insert float

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