

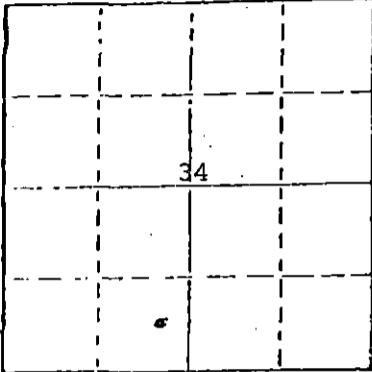
STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Seward County, Sec. 34 Twp. 33S Rge. 34 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
E/2 SE SW

Lease Owner Anadarko Production Company
Lease Name CROW "A" Well No. 2
Office Address P. O. Box 351, Liberal, Kansas 67901
Character of Well (Completed as Oil, Gas or Dry Hole) Gas



Locate well correctly on above
Section Plot

Date Well completed November 20 19 80
Application for plugging filed January 26 19 81
Application for plugging approved April 30 19 81
Plugging commenced May 20 19 81
Plugging completed May 20 19 81
Reason for abandonment of well or producing formation Uneconomical

If a producing well is abandoned, date of last production 19 81

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Clarence Thomas
Producing formation Toronto Depth to top 4262 Bottom 4264 Total Depth of Well 6465
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	PULLED OUT
Toronto	Gas	4262	4264	8-5/8"	1672	-0-
				4-1/2"	6465	2770

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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

- 4200-4000: Spotted 20 sxs cmt.
- 2770: Shot off 4-1/2" csg.
- 1600-1500: Spotted 50 sxs cmt
- 800-700: 25 sxs cmt
- 40-0: 10 sxs cmt

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Sargents Casing Pulling Service

STATE OF KANSAS COUNTY OF SEWARD, ss.
Paul Campbell (employee of owner) or ~~(owner or operator)~~

of the 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 and that the same are true and correct. So help me God

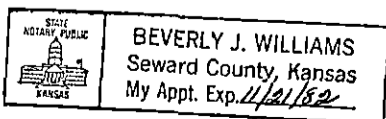
(Signature) Paul Campbell

P. O. Box 351, Liberal, Kansas 67901
(Address)

SUBSCRIBED AND SWORN TO before me this 4th day of June, 19 81

Beverly J. Williams
Notary Public.

My commission expires November 21, 1982



15-175-20490-0000

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 175 — 20,490
County Number

S. 34 T. 33SR. 34 E W

Loc. E/2 SE SW

County Seward

Operator
Anadarko Production Company

Address
P. O. Box 351, Liberal, Kansas 67901

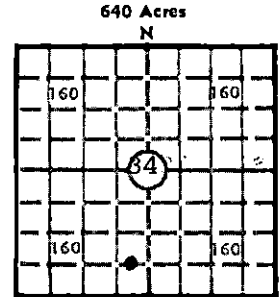
Well No. 2 Lease Name CROW "A"

Footage Location
660 feet from ~~XXX~~ (S) line 2310 feet from ~~XX~~ (W) line

Principal Contractor Johnson Drilling Co. Geologist Mr. Joe Blair

Spud Date 10/19/80 Date Completed 5/20/81 Total Depth 6465' P.B.T.D. 4362'

Directional Deviation not applicable Oil and/or Gas Purchaser DRY HOLE



Elev.: Gr. 2915'

DF 2925' KB 2926'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	1672'	Pozmix Common	600 200	4% gel 2% CaCl 3% CaCl
Production	7-7/8"	4-1/2"	10.5#	4400'	Lite-wate SS Pozmix	300 200	.5% D-65

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	.46	4262-64'

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

RECEIVED
STATE CORPORATION COMMISSION

INITIAL PRODUCTION

JUN 10 1981

Date of first production DRY HOLE Producing method (flowing, pumping, gas lift, etc.) CONSERVATION DIVISION

RATE OF PRODUCTION PER 24 HOURS Oil Gas Water Gas:Oil ratio
bbls. MCF bbls. CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Anadarko Production Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 2 Lease Name CROW "A" DRY HOLE

S 34 T 33SR 34 Ex W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Clay and Sand	0'	280'	LOGS: SCHLUMBERGER Compensated Neutron- Formation Density Dual Induction-SFL	
Redbed, Sand and Shale	280'	1663'		
Anhydrite	1663'	1673'		
Shale	1673'	2750'		
Lime and Shale	2750'	6465'		
DST #1 4232-62 (Toronto) 30-60-45-90, op Gts 10 min 192 MCFD, 2nd op stab @ 288 MCFD, rec 530' GC muddy wtr. IH 2256, FHP 2256, IFP 80-106, ISIP 1135(60), FFP 106-159, FSIP 1120 (90).				
DST #2 5077-96 (Marmaton) 30-60-60-120, op w/fair to gd blow, rec 100' DM, 659' SW, IHP 2494, IFP 52-142, ISIP 1548(60), FFP 141-272, FSIP 1574(120), FHP 2372, temp 130 deg.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received _____
 Signature: *Paul Campbell*
 Paul Campbell, Division Production Manager
 Title
 June 5, 1981
 Date

JOHNSON *Drilling Company, Inc.*



OFFICES IN
EVANSVILLE, INDIANA
TEL. (317) 434-8291
OKLAHOMA CITY, OKLAHOMA
TEL. (405) 943-7867
LIBERAL, KANSAS
TEL. (316) 824-7731

REPLY TO:
3535 N.W. 58th Suite 710
Oklahoma City, Oklahoma 73112

Anadarko Production Company
P.O. Box 351
Liberal, Kansas 67901

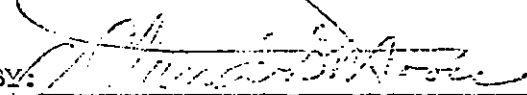
Atten: Paul Gatlin

Drillers Log For:

0' - 280'
280' - 1653'
1663' - 1673'
1673' - 2750'
2750' - 6465'

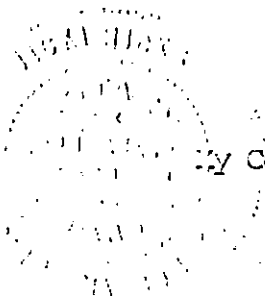
Crow A #2
Clay and Sand
Redbed, Sand and Shale
Andhy.
Shale
Lime and Shale

LOHMAN - JOHNSON DRILLING COMPANY, INC.

SIGNED BY: 
CLAUDE D. MOORE MANAGER

STATE OF OKLAHOMA
COUNTY OF OKLAHOMA

Subscribed and sworn to before me this 6th day of November, 1930.



NOTARY PUBLIC

My Commission Expires: _____
My Commission Expires May 14, 1931