State Geological Survey
WICHITA BRANCH

PL

KANSAS DRILLERS LOG

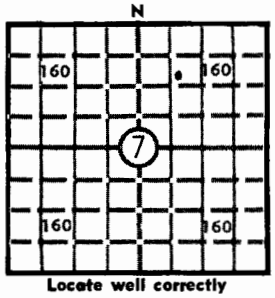
S. 7 T. 8S R. 23 W

API No. 15 — 065 (County) — 21459 (Number)

Loc. C-W 1/2-NE

County Graham

640 Acres



Locate well correctly

Elev.: Gr. 2229'

DF 2232' KB 2234'

Operator: Petroleum Corporation of Texas

Address: P. O. Box 911, Breckenridge, Texas 76024

Well No.: 3

Lease Name: Montgomery 'A' (ari)

Footage Location: 1270 feet from (N) (S) line 1940 feet from (E) (W) line

Principal Contractor: Abercrombie Drilling

Geologist: Roger Welty

Spud Date: 9-11-81

Total Depth: 3775'

P.B.T.D.:

Date Completed: 9-16-81

Oil Purchaser: Cities Service

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
Protect Water Sands.	12-1/4"	8-5/8"	20	371.3'	Common	250	2% Gel 3% CC
Production	7-7/8"	4-1/2"	10.5	3780	HLC	350	10# Gilsonite

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	3722'	None

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2 spf	Jet	3636-3640 3655-3658 3668-3673 3688-3693

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 gals. 15% HCL	3636-3693'

INITIAL PRODUCTION

Date of first production: 10-27-81

Producing method (flowing, pumping, gas lift, etc.): Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	13.37 bbls.	(1 MCF	20.33 bbls.	TSTM CFPB

Disposition of gas (vented, used on lease or sold): Used on lease

Producing interval(s): Lower LKC

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Petroleum Corporation of Texas	

Well No.	Lease Name	
3	Montgomery	Oil
S 2 T 8S R 23 E		

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
Sand & Shale	0	374		
Shale	374	812		
Sand & Shale	812	1882		
Anhydrite	1882	1912		
Shale & Lime	1912	2288		
Shale	2288	3560		
Shale & Lime	3560	3690		
Lime	3690	3775		
Rotary Total Depth		3775		

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

Date Received

Ernest Underwood
Signature

Engineer
Title

December 9, 1981
Date

08CS

#1

7-8-23W

CONTRACTORS WELL LOG

State Geological Survey
WICHITA BRANCH

OPERATOR: Petro. Corp. of Texas
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: MONTGOMERY 'A' #3
LOCATION: 1320 FNL 1980 FEL NE/4, Sec. 7-8-23W Graham County, Kansas
SPUD DATE: 9/11/81
COMPLETION DATE: 9/16/81

0	374	Sand & Shale
374	812	Shale
812	1882	Sand & Shale
1882	1912	Anhydrite
1912	2288	Shale & Lime
2288	3560	Shale
3560	3690	Shale & Lime
3690	3775	Lime
	3775	Rotary Total Depth

Spud hole @ 11:30 a.m., 9/11/81. Drilled 374' of a 12¼" hole. Ran 9 joints of new 8 5/8" 20# casing set @ 371.30' and cemented with 250 sx. Common 2% gel, 3% c.c. Cement did circulate. Plug was down @ 6:15 p.m., 9/11/81.

3781' TD. Ran 92 jts. of 4½" 10½# casing set @ 3774 and cemented with 350 sx. HLC, 10# Gilsinite per sx. Plug was down @ 5:30 p.m., 9/16/81.

SAMPLE TOPS:

Anhydrite	1882'
Anhydrite	1912'

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Jack L. Partridge, Vice President of Abercrombie Drilling, Inc. does hereby state that the above and foregoing is a tru and correct copy of the log of the MONTGOMERY 'A' #3, 1320 FNL 1980 FEL NE/4 Sec. 7-8-23, Graham County, Kansas.