

KANSAS

State Geological Survey
WICHITA BRANCH

18-34-13W

WELL COMPLETION REPORT AND
DRILLER'S LOG

S. 18 T. 34S R. 13W E
W

API No. 15 — Barber — 007-21,099
County Number

Loc. NW/4

County Barber

Operator
Professional Petroleum, Inc.

Address
2601 N.W. Expressway Suite 512W, Oklahoma City, Ok 73112

Well No. 18-1 Lease Name Albert Bouziden

Footage Location 330 s line 1393 W line
feet from (S) line feet from (W) line

Principal Contractor Cimarron Geologist Gordon Keen

Spud Date 2-28-81 Date Completed 4-17-81 Total Depth 4990 P.B.T.D. 4950

Directional Deviation Oil and/or Gas Purchaser CPI Oil & Refining Co.

640 Acres
N

Locate well correctly
Elev.: Gr. 1686
DF _____ KB _____

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 fresh water level	15 3/4"	10 3/4"	33	246	Allied	30	2% Gel 3% CC 1/4 11B Flo Cele
Production String	7 7/8"	4 1/2"	10.50	4989	Allied	300	50/50/52 18% salt 12 1/2 lbs. per sack Gilsonite 75% CFR ₂

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3 1/8 per gun	4842-4835
TUBING RECORD			2		4910-4905
Size	Setting depth	Packer set at	2		4644-4640
2 3/8"	4726	4790			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2500 Gal. 15% clean up acid	4835-4910
1000 Gal. 15% HCL	4644-4644

RECEIVED
STATE CORPORATION COMMISSION
JUN 15 1981

INITIAL PRODUCTION

CONSERVATION DIVISION
Wichita, Kansas

Date of first production 4-17-81 Producing method (flowing, pumping, gas lift, etc.) Flowing

RATE OF PRODUCTION PER 24 HOURS Oil 50 bbls. Gas 900 MCF Water 100 bbls. Gas-oil ratio 18,000 to 1 CFPB

Disposition of gas (vented, used on lease or sold) 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 Professional Petroleum, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 18-1	Lease Name Albert Bouziden	Gas
S <u>18</u> T <u>34</u> R <u>13</u> W <u>NE</u>		

NW 1/4

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
Lower Mississippi Upper Mississippi	4910 4842	4905 4835		
Used 3 1/8th" perforated gun. Set retrievable packer at 4892' circulated hole with 2% KCL water. Pulled 3 joints of tubing. Set packer at 4797' with 4' K.B. Started acid jobs. Formation broke down at 850 PSI Increased rate to 4Bbls. per minute at 2,000 PSI. Acid hit formation. Pressure dropped at 4 1/2 Bbls. per minute. Pumped rest of acid at 2 Bbls. per min. at 500 PSI. Flushed. Total fluid pumped 2500 Gal of 15% clean up acid. Instant shut in pressure 200.				
Marmathon	4644	4640		
Perforated @ 4640-4644' with 2 shots per foot. Come out of hole with packer to 4512'. Set packer. Pressure test squeeze performance to 3000 lbs. Break down Marmathon with 17 Bbls. of fresh water, acidized with 1000 gal. of 15% HCL & 12 ball seaters. Swabbed 20 Bbls. of load water. Flowed well overnight on 16/64" choke with 450 PSI.				

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

Date Received	<p><i>J. J. Jensen</i> Signature</p> <p>President Title</p> <p>6-12-1981 Date</p>
---------------	---

8-30-1300

State Geological Survey
WICHITA BRANCH

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR Professional Petroleum, Inc.

API NO. 15-007-21-099

ADDRESS 2601 NW Expressway, Suite 512W

COUNTY Barber

Oklahoma City, OK 73112

FIELD Aetna

**CONTACT PERSON I.G. Purser

Upper and Lower Mississippi
PROD. FORMATION & Marmathon

PHONE (405) 840-5040

LEASE Albert Bouziden

PURCHASER Kansas Power & Light Company

WELL NO. 18-1

ADDRESS 818 Kansas Avenue

WELL LOCATION NW/4

Topeka, KS 66612

330 Ft. from South Line and

DRILLING Cimarron Operating

1393 Ft. from West Line of

CONTRACTOR

ADDRESS 2601 NW Expressway, Suite 901E

the NW/4 SEC. 18 TWP. 34S RGE. 13W

Oklahoma City, OK 73112

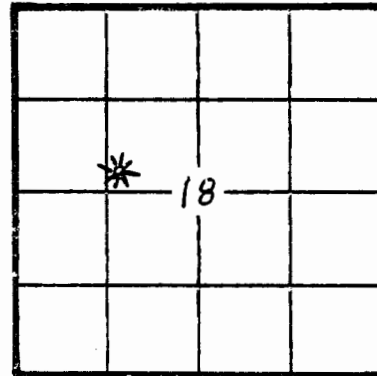
WELL PLAT

PLUGGING B.J. Hughes

CONTRACTOR

ADDRESS P.O. Box 200416

Houston, TX 77216



KCC
KGS
(Office Use)

TOTAL DEPTH 4990 Ft. PBD 4950 Ft.

SPUD DATE 2-28-81 DATE COMPLETED 4-17-81

ELEV: GR 1686 DF 1696 KB 1698

DRILLED WITH (CABLE) ROTARY (AIR) TOOLS

Amount of surface pipe set and cemented 246 Ft. DV Tool Used? No

AFFIDAVIT

STATE OF Oklahoma, COUNTY OF Oklahoma ss, I, I.G.

Purser OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS President (FOR)(OF) Professional Petroleum, Inc.

OPERATOR OF THE Albert Bouziden LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 18-1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 4th DAY OF April, 19 81, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

1081-48-81

18-34-13w

SIDE TWO

WELL LOG

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
			Heebner Shale	4005'
			Kansas City	4174'
			Cherokee Shale	4659'
			Mississippian	4770'
			RTD	4990'
KANSAS CITY - LIMESTONE FXLN, F. FOSS POR SLIGHT SHOW	4180'	4184'		
MARMATON - LIMESTONE MED. XLN G. FOSS POR. GOOD LIGHT STAINING	4640'	4644'		
MISSISSIPPI - DOL. LS F XLN CHERTY GOO P.P. POR. GOOD STAINING	4835'	4842'		
MISSISSIPPI - DOL. LS F XLN CHERTY GOOD P.P. POR. GOOD STAINING	4905'	4910'		
NO D.S.T.'s RUN SCHLUMBERGER LOGS D.I.L. - C.N.L. - F.D.C.				

Amount and kind of material used	Depth interval treated
Acidized with 1000 Gal. of 15% HCL	4640-4644
Frach wit 1375 BBLs 30% Gel and	4842-4835
	4910-4905

Date of first production 4-17-81	Producing method (flowing, pumping, gas lift, etc.) Flowing	Gravity
-------------------------------------	--	---------

RATE OF PRODUCTION PER 24 HOURS	Oil 50 bbls.	Gas 900 MCF	Water % 39 bbls.	Gas-oil ratio 18,000 tol _{CFPB}
---------------------------------	-----------------	----------------	---------------------	---

Disposition of gas (vented, used on lease or sold) Sold to K P & L as of 1-27-82	Perforations 4842-4835, 4910-4905 4644-4640
---	--

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 fresh water level	15 3/4"	10 3/4"	33	246	common from Allied	30	2% Gel, 3% C.C. 1/2 lb. flo cele
Production String	7 7/8"	4 1/2"	10.50	4989	common from Allied	300	50/50/52 18% salt 12 1/2 lbs per sack Gil sonite 75% CFR-2

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3 1/8 per gun	4842-4835
TUBING RECORD			2	"	4910-4905
Size	Setting depth	Pecker set at	2	"	4644-4640
2 3/8"	4512	4512			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD