

1. API No.	35-08321934 ✓
2. OTC Prod. Unit No.	083-073120
3. Date of Application	11/20/2012

4. Application For (check one)

- ☒ A. Commingle Completion in the Wellbore (165:10-3-39)
☐ B. Commingle Completion at the Surface (165:10-3-39)
☐ C. Multiple (Dual) Completion (165:10-3-36)
☐ D. Downhole Multiple Choke Assembly (165:10-3-37)

5. Operator Name	The Quintin Little Company, Inc.	OTC/OCC No.	16083 ✓	Email	ajackson@qlcos.com
Address	P.O. Box 1509			Phone No.	580-226-7600
City	Ardmore	State	Oklahoma	Zip	73402
6. Lease Name/Well No.	Keene Rahe #1 ✓			FAX No.	580-226-7605
Location within section:	C 1/4 NE 1/4 NE 1/4	1/4	Sec. 36	Twp 17N	Rge 4W ✓
				County	Logan ✓

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	Mississippi ✓		Hunton ✓
B. Top and bottom of pay section (perforations)	5889-6003 ✓		6176-6196 ✓
C. Type of production (oil or gas)	Oil & Gas		Oil & Gas
D. Method of production (flowing or art. lift)	Artificial Lift		Artificial Lift
E. Latest test data by zone (oil, gas, and water)	<1 bopd/42 mcf/1 bwpd		<1 bopd/42 mcf/1 bwpd ✓
F. Wellhead or bottom hole pressure	pst <125 psig siwhp		pst <125 psig siwhp
G. Spacing order number and size of unit	210323 (80 acres)		210323 (80 acres)
H. Increased density order number	NA		NA
I. Location exception order number and penalty	NA		NA

If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed?

☐ Yes

☐ No

9. List all operators with mailing addresses within 1/2 mile, producing from the above listed zones.

The Quintin Little Company, Inc.		Oklahoma Corporation Commission Oil & Gas Division
		Approved

10. The operators listed above have been notified and furnished a copy of this application.

If no, an affidavit of mailing must be filed not later than five (5) days after submission of this application.

☒ Yes

☐ No

11. Classification of well (see OAC 165:10-13-2)

☐ Oil

☒ Gas ✓

12. ATTACH THE FOLLOWING:

- A. Correlation log section (porosity, resistivity, or gamma ray) with top and bottom of perforated intervals marked. ✓
B. Diagrammatic sketch of the proposed completion of the well. ✓
C. Plat showing the location of all wells within 1/2 mile producing from the zones listed above. ✓
D. If 4B, 4C or 4D above, a Form 1024, Packer Setting Report, and a Form 1025 Packer Leakage Test.

E. If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed?

☐ Yes

☐ No

I hereby certify that I am authorized to submit this application which was prepared by me or under my supervision. The facts and proposals made herein are true correct and complete to the best of my knowledge and belief.

Candice C. Johnson
Signature

Manager-Engineering, Drilling & Prod.

Title

580-226-7600

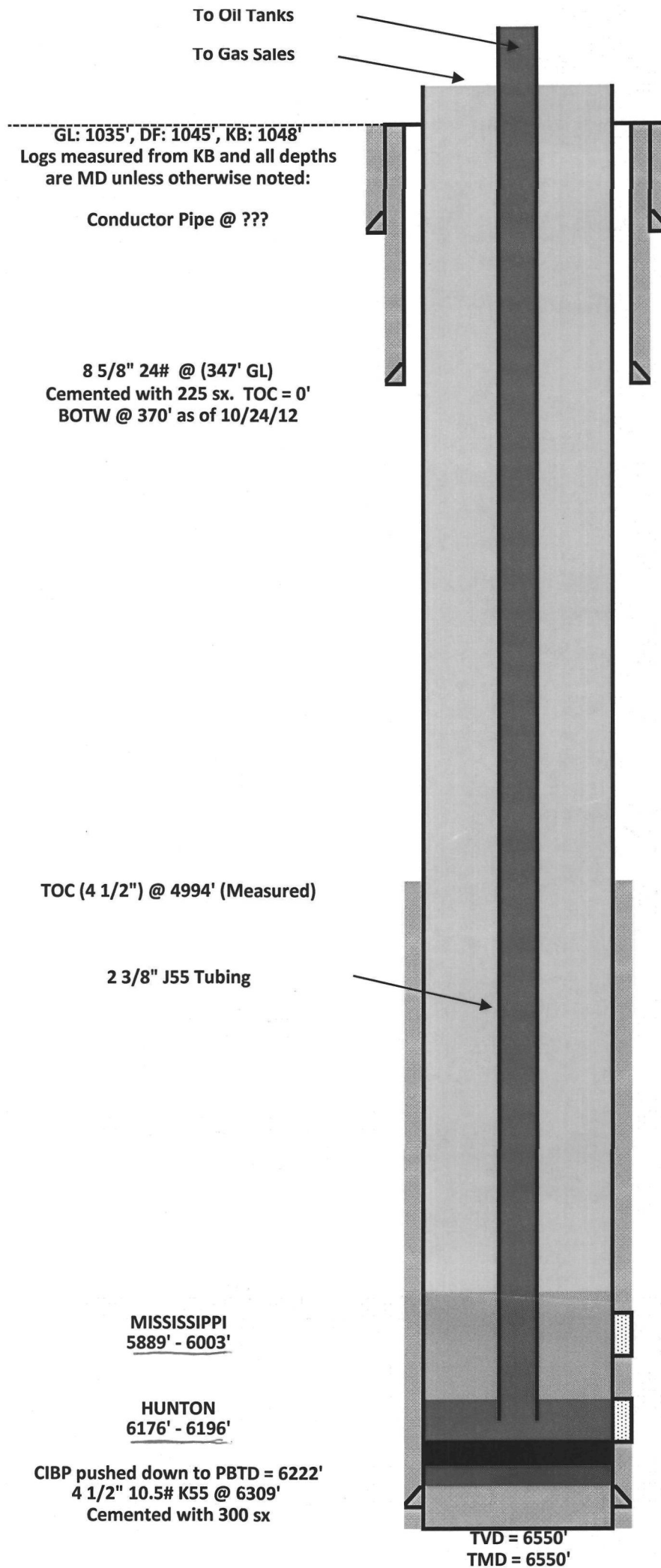
Phone (AC/NO)

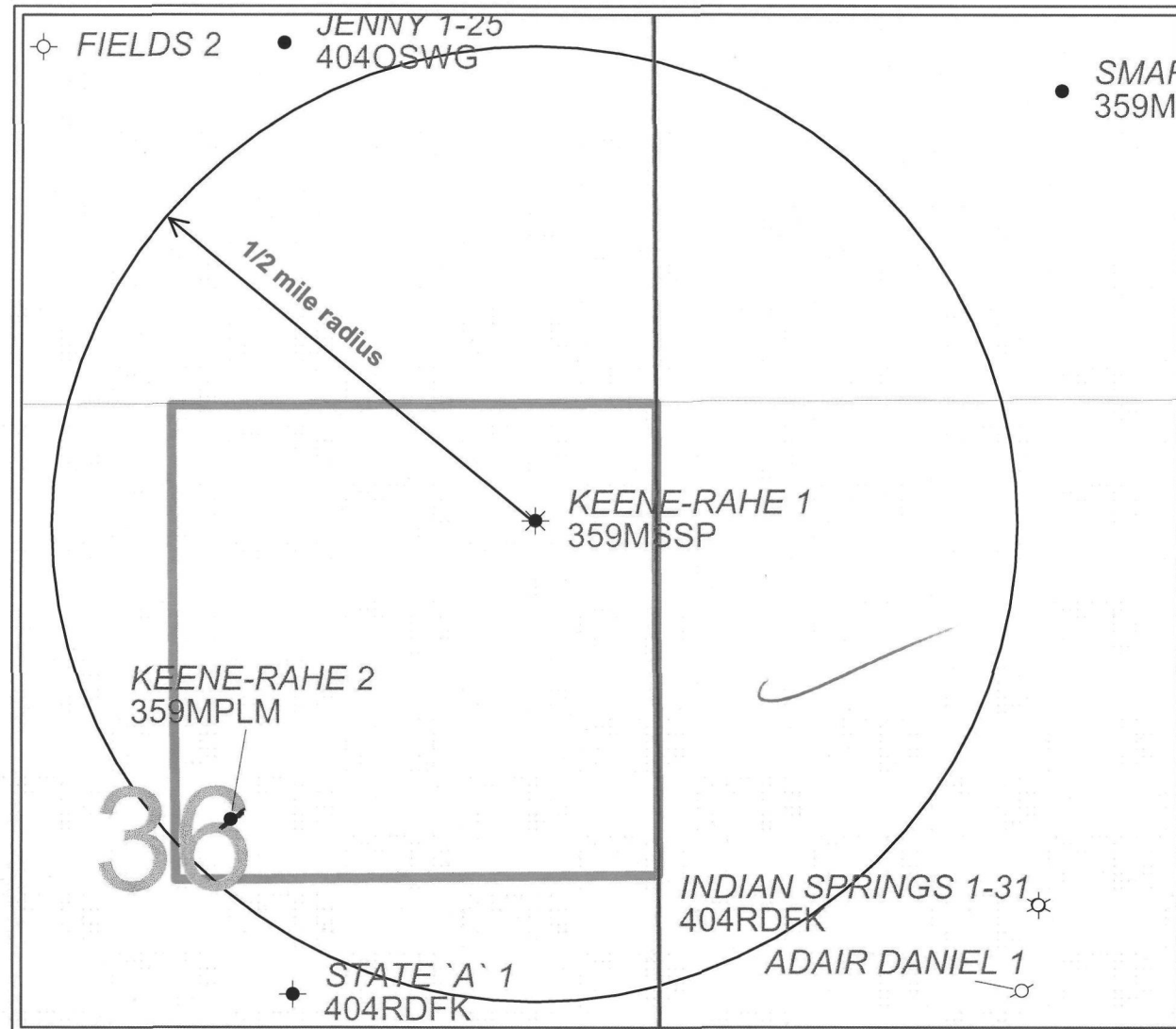
OCC USE ONLY

Staff Signature	Phone No.	12, 12, 12	Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Rejected
-----------------	-----------	------------	------	--	-----------------------------------

Keene Rahe #1 ✓
C NE NE S36-T17N-R4W
Logan County, Oklahoma

PROPOSED
WELLBORE DIAGRAM





PETRA 11/15/2012 2:41:57 PM

The Quintin Little Co., Inc.

1/2 Mile Radius Keene-Rahe 1

36-17N-4W

Logan Co., OK



POSTED WELL DATA

Well Label
ProdFM

November 15, 2012

Keene Rahe #1— Application to Commingle (OCC Form 1023)
S36-T17N-R4W Logan County, Oklahoma
Attachment to Oklahoma Corporation Commission Form 1023

12 Brief history of well and reason for commingling:

This well was drilled and completed in the Mississippi formation as a single one completion on November 13, 1981 by A & P Drilling Company, Inc. During completion the Hunton formation was tested and being unproductive a CIBP was set at 6140'. On November 1, 1985 well ownership was transferred from Speller Oil Corp. to Sooner Crude, Inc. and subsequently transferred to The Quintin Little Company, Inc. (QLCO) effective May 1, 2007. At some point, prior to QLCO becoming operator, the CIBP set at 6140' was drilled out or pushed to bottom; commingling the Hunton and Mississippi formations in the wellbore. Economic waste would result since it is cost prohibitive, if not impossible, to produce both intervals separately even though ownership and spacing are common. Crossflow should not occur when the well is producing, normally. However, if the well is shut in or otherwise down for a short period of time, the amount of potential crossflow which may occur should not be detrimental. Once production resumes, any fluid which did crossflow into another interval should be easily recovered. Commingling in the wellbore is common practice and in the interest of maximizing recovery and protecting correlative rights, commingling is necessary.

COMPENSATED NEUTRON/FORMATION DENSITY

CSU

COMPANY: A & P DRILLING CO., INC

WELL: KEENE-RAHE 01 ✓

FIELD: S. OKLAHOMA
COUNTY: LOGAN
STATE: OKLAHOMALOCATION: C NE NE
SEC: 36 1900 FSL & 1900 FHL
TWP: 17N RGE: 4WOTHER SERVICES-
BIL
CWLPERMANENT DATUM: GROUND LEVEL ELEVATIONS-
ELEV. OF PERM. DATUM: 1035.0' KB: 1048.0'
LOG MEASURED FROM: KB DF:
13.0' ABOVE PERM. DATUM GL: 1035.0'
DRLG. MEASURED FROM: KBPROGRAM
TAPE NO:
20.24
SERVICE
ORDER NO:
257518DATE: 6 OCT 81
RUN NO: 1

1048KB

DEPTH-DRILLER: 6650.0'
DEPTH-LOGGER: 6649.0'
BTH. LOG INTERVAL: 6646.0'
TOP LOG INTERVAL: 4400.0'CASING-DRILLER: 362'
CASING-LOGGER: 360'
CASING: 8-5/8

BIT SIZE: 7-7/8

THE QUINTIN LITTLE CO.
ARDMORE, OKLA.REPRODUCED BY
Petroleum Information
Corporation
MIDLAND, TEXAS 79701

REFERENCE P 4062J

15 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO. 35-083-21943

CASING RECORD

PERFORATING RECORD

ACID FRAC SHOT

I P

GOR

GR

T P

C P

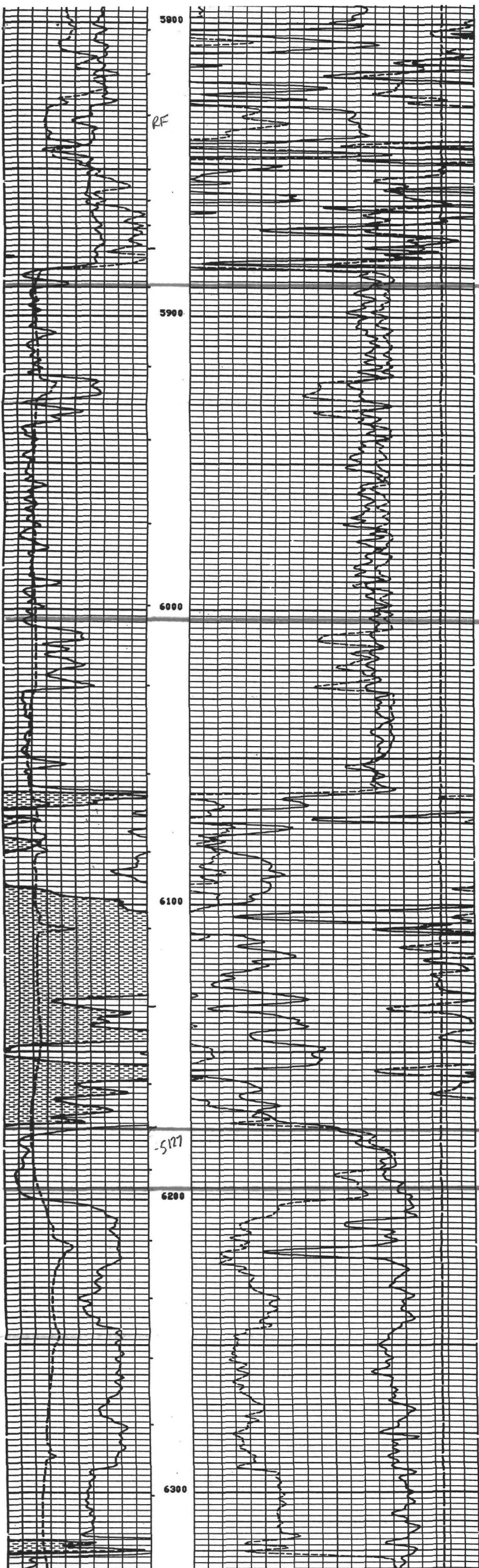
REMARKS

REPRODUCTION FOR RESALE PROHIBITED

TYPE FLUID IN HOLE: CHEM
DENSITY: 9.1 LB/G
VISCOSITY: 60.0 S
PH: 9.0
FLUID LOSS: 9.0 C3
SOURCE OF SAMPLE: PIT
RM: 1.700 OHMM AT 77.0 DF
RMF: 1.640 OHMM AT 75.0 DF
RMC: 2.620 OHMM AT 75.0 DF
SOURCE RMF/RMC: C/C
RM AT BHT: 1.012 OHM AT 134. DF
RMF AT BHT: 0.953 OHM AT 134. DF
RMC AT BHT: 1.523 OHM AT 134. DFTIME CIRC. STOPPED: 0100
TIME LOGGER ON BTH: 0630

MAX. REC. TEMP: 134.0 DF

LOGGING UNIT NO: 8064
LOGGING UNIT LOC: ENID
RECORDED BY: R CALDWELL
WITNESSED BY: E REED



Mississippi 5889'-6003'

Itunton 6176'-6196'

DUAL INDUCTION - SFL

CSU

FAC LOG

COMPANY: A & P DRILLING CO., INC

WELL: KEENE-RAHE #1

FIELD: S Crescent

COUNTY: LOGAN

STATE: OKLAHOMA

LOCATION: C NE NE

SEC: 36 1980 FSL & 1980 FHL

TWP: 17N

RGE: 4W

OTHER SERVICES-
FDC-CNL-GR
CWL

PERMANENT DATUM: GROUND LEVEL ELEVATIONS-
ELEV. OF PERM. DATUM: 1035.0' KB: 1048.0'
LOG MEASURED FROM: KB DF: 1035.0'
13.0' ABOVE PERM. DATUM GL: 1035.0'
DRLG. MEASURED FROM: KB

PROGRAM
TAPE NO: 20.22
SERVICE
ORDER NO: 257518DATE: 6 OCT 81
RUN NO: 1

DEPTH-DRILLER: 6650.0'
DEPTH-LOGGER: 6650.0'
BTH. LOG INTERVAL: 6643.0'
TOP LOG INTERVAL: 360.0'

CASING-DRILLER: 362'
CASING-LOGGER: 360'
CASING: 8-5/8

BIT SIZE: 7-7/8

REPRODUCED BY
Petroleum Information
Corporation
MIDLAND, TEXAS 79701

THE QUINTIN LITTLE CO.
ARDMORE, OKLA.



REFERENCE P 4062F

22 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO. 35-083-21943

CASING RECORD

PERFORATING RECORD

ACID FRAC SHOT

I P

GOR GR

T P C P

REMARKS

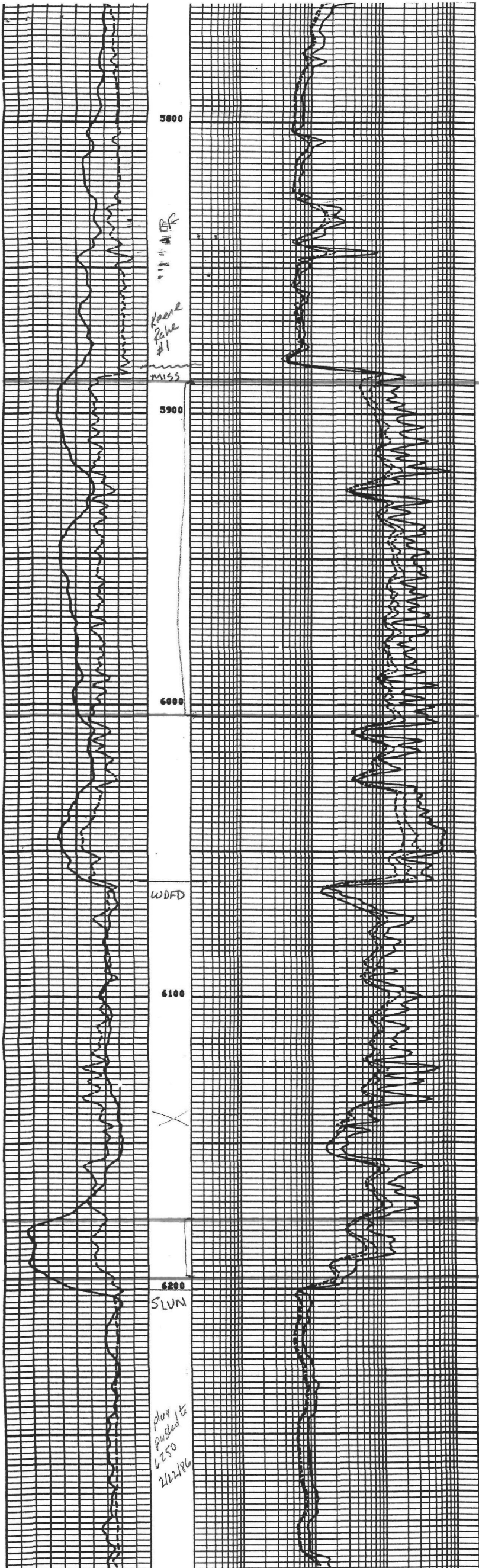
REPRODUCTION FOR RESALE PROHIBITED

TYPE FLUID IN HOLE: CHEM
DENSITY: 9.1 LB/G
VISCOSITY: 60.0 S
PH: 9.0
FLUID LOSS: 9.8 C3
SOURCE OF SAMPLE: PIT
RM: 1.700 OHMM AT 77.0 DF
RMF: 1.640 OHMM AT 75.0 DF
RMC: 2.620 OHMM AT 75.0 DF
SOURCE RMF/RMC: C / C
RM AT DHT: 1.012 OHM AT 134. DF
RMF AT DHT: 0.953 OHM AT 134. DF
RMC AT DHT: 1.523 OHM AT 134. DF

TIME CIRC. STOPPED: 0100
TIME LOGGER ON BTH: 0130

MAX. REC. TEMP: 134.0 DF

LOGGING UNIT NO: 8064
LOGGING UNIT LOC: ENID
RECORDED BY: R CALDWELL
WITNESSED BY: E REED



5900

5900

6000

WDFD

6100

6200

SLVN

plug pushed to
6250
2/22/86

Mississippi 5889' - 6003'

Hunton 6176' - 6196'