

This Form must be Typed  
Form must be Signed  
All blanks must be Filled

### WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,  
MUST be submitted with this form.

OPERATOR: License #: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

API No. 15 - \_\_\_\_\_  
If pre 1967, supply original completion date: \_\_\_\_\_  
Spot Description: \_\_\_\_\_  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
\_\_\_\_\_ Feet from  North /  South Line of Section  
\_\_\_\_\_ Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Check One:  Oil Well  Gas Well  OG  D&A  Cathodic  Water Supply Well  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_

Conductor Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks  
Surface Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks  
Production Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks

List (ALL) Perforations and Bridge Plug Sets:

Elevation: \_\_\_\_\_ (  G.L. /  K.B. ) T.D.: \_\_\_\_\_ PBTD: \_\_\_\_\_ Anhydrite Depth: \_\_\_\_\_  
(Stone Corral Formation)

Condition of Well:  Good  Poor  Junk in Hole  Casing Leak at: \_\_\_\_\_  
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application?  Yes  No Is ACO-1 filed?  Yes  No

If ACO-1 not filed, explain why:

**Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission**

Company Representative authorized to supervise plugging operations: \_\_\_\_\_  
Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
Plugging Contractor License #: \_\_\_\_\_ Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

Proposed Date of Plugging (if known): \_\_\_\_\_

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically

### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

Form	CP1 - Well Plugging Application
Operator	Six-D Exploration, LLC
Well Name	WARREN 4
Doc ID	1349738

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
1608	1620	MISSISSIPPIAN	



FORMATION TOPS

LOG TOPS

Kansas City	825 (+ 268)	Drill time
Base Kansas City	952 (+ 141)	Drill time
Cherokee	1248 (- 155)	
Squirrel Sand	1281 (- 188)	
Ardmore	1334 (- 241)	
Mississippian	1603 (- 510)	
RTD	1663 (- 570)	

SQUIRREL SAND                      1281 (- 188)

1281 - 1299        :        Sandstone, light gray-medium gray upper to dark gray lower; minor shaly laminations throughout, slightly tight upper to good porosity/permeability lower; well-sorted throughout with friable clusters, lower section contained increasing mica/shaly content, fair to good show free oil throughout, oil is dark/heavy, dull greenish yellow fluorescence, estimated API gravity @ 26-27°. Zone warrants testing through perforations.

MISSISSIPPIAN                      1603 (- 510)

1603 - 1605        :        Limestone, white, fine crystalline, slight moldic porosity, tight, no show free oil.

1605 - 1608        :        Limestone/dolomitic limestone, tan, fine granular, fair pinpoint to slightly vuggy porosity, scattered stain and show free oil, fair odor, bright yellow fluorescence. Merits testing through perforations.

- 1608 - 1613 : Dolomitic limestone, as above, but generally sucrosic, fair to poor porosity, tight, no show free oil.
- 1613 - 1615 : Dolomitic limestone, tan, fine granular, fair porosity, slightly vuggy, fair odor/fluorescence. Probably merits further testing (log scrutiny).
- 1615 - 1617 : Limestone, gray-tan/buff, earthy/silty, slightly dolomitic, poor porosity, no oil saturation.
- 1617 - 1620 : Dolomite/cherty dolomite, tan, with secondary quartz filling apparent vugs, fair to good porosity, good oil saturation with fair to good odor/fluorescence. Merits further testing.

Core #1            1620 - 1633: Cut 13 feet, Recovered 12.8 feet

1620 - 1622.1: Limestone/dolomitic limestone, tan/buff, fine-medium crystalline, large cavity filled with secondary calcite/dolomite rhombs @ 20.9 - 21.1, cavity oil saturated, spotted bleeding core 21.9 - 22.1, with fair-poor porosity, permeability questionable.

1622.1 - 24.6: Limestone, dolomitic limestone, gray, fine-medium granular/fine crystalline, fair-poor porosity, stylolitic, no shows.

1624.6 - 24.9: Limestone/dolomitic limestone, gray-tan, fine-medium crystalline, fair porosity/ slightly vuggy, show bleeding oil, odor.

1624.9 - 27.0: Limestone/dolomitic limestone, ranges from fine-coarse crystalline, slightly glauconitic, poor porosity, stylolitic, no show.

1627.0 - 29.5: Limestone, slightly dolomitic, gray-tan, fine granular-muddy-lithographic, tight, increasing glauconite content with yellow sulfide crystal mineralization, glauconite filling limited vertical fractures, stylolitic, no shows.

1629.5-29.75 : Chert, gray, fossiliferous breccia, no show.

1629.75-32.8 : Limestone/dolomitic limestone, gray-buff, stylolitic, tight, no shows.

END CORE #1

1631.8 - 1663 : Dolomite/dolomitic limestone, texture variable from sucrosic to coarse crystalline, tan to gray, variable amounts glauconite, good porosity 1656 - 1660, no shows.

DISCUSSION/RECOMMENDATIONS:

Based upon good shows of oil in Squirrel Sand and Mississippian dolomites, pipe was set at 1662, one foot off bottom, to test these zones through perforations.

Report to file 17 February 1984

Dennis E. Hedke, Geologist

JOHNSON JET  
SERVICE CO.

*Radioactivity Log*

COMPANY: \_\_\_\_\_  
WELL: \_\_\_\_\_  
FIELD: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
COUNTY: \_\_\_\_\_  
STATE: \_\_\_\_\_

COMPANY: *Teichgraber Oil Operations*  
WELL: *Warren # 4*  
FIELD: *Burlington*  
LOCATION: *500' JSL-330' JEL-SE/4*  
*Sec. 23-20S-17E*  
COUNTY: *Coffey* STATE: *KANSAS*

Well Location  
ELEV. 1093  
ELEV 1093  
ELEV 1088

TYPE OF LOG \_\_\_\_\_  
RUN NO \_\_\_\_\_  
DATE \_\_\_\_\_  
TOTAL DEPTH (DRILLER) \_\_\_\_\_  
TOP OF LOGGED INTERVAL \_\_\_\_\_  
BOTTOM OF LOGGED INTERVAL \_\_\_\_\_  
TYPE OF FLUID IN HOLE \_\_\_\_\_  
FLUID LEVEL \_\_\_\_\_  
SOURCE STRENGTH & TYPE \_\_\_\_\_  
SOURCE SPACING — IN \_\_\_\_\_  
LENGTH OF MEAS. DEVICE — IN \_\_\_\_\_  
Ø.D. OF INSTRUMENT — IN \_\_\_\_\_  
TIME CONSTANT — SECONDS \_\_\_\_\_  
LOGGING SPEED FT./MIN \_\_\_\_\_

GAMMA RAY *Neutron*  
ONE  
3-2-84  
1651  
1150  
1650  
*Water*  
*Full*

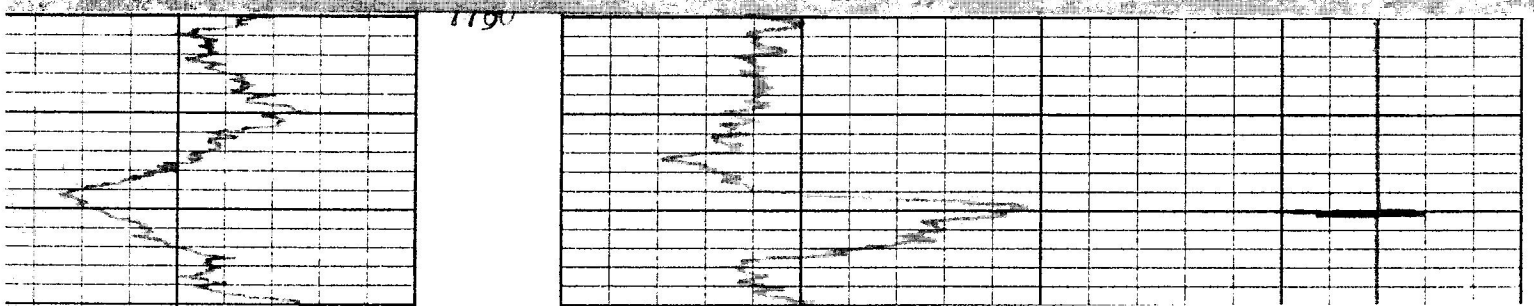
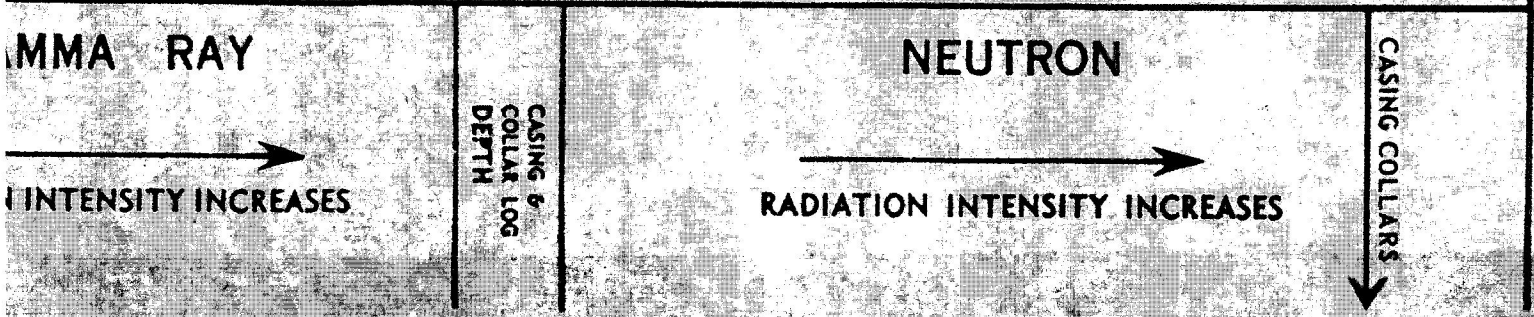
AMBE 241  
13"

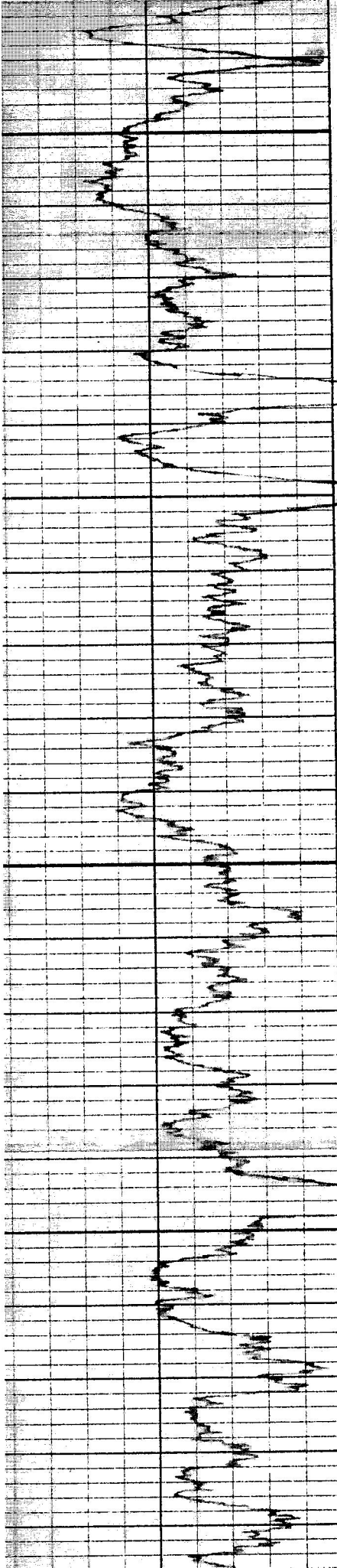
RECORDED BY \_\_\_\_\_  
WITNESSED BY \_\_\_\_\_

JOHNSON  
*Hedke*

RUN BIT SIZE CASING WT.—LB. FROM WELL RECORD FROM LOG  
7.1 0.1

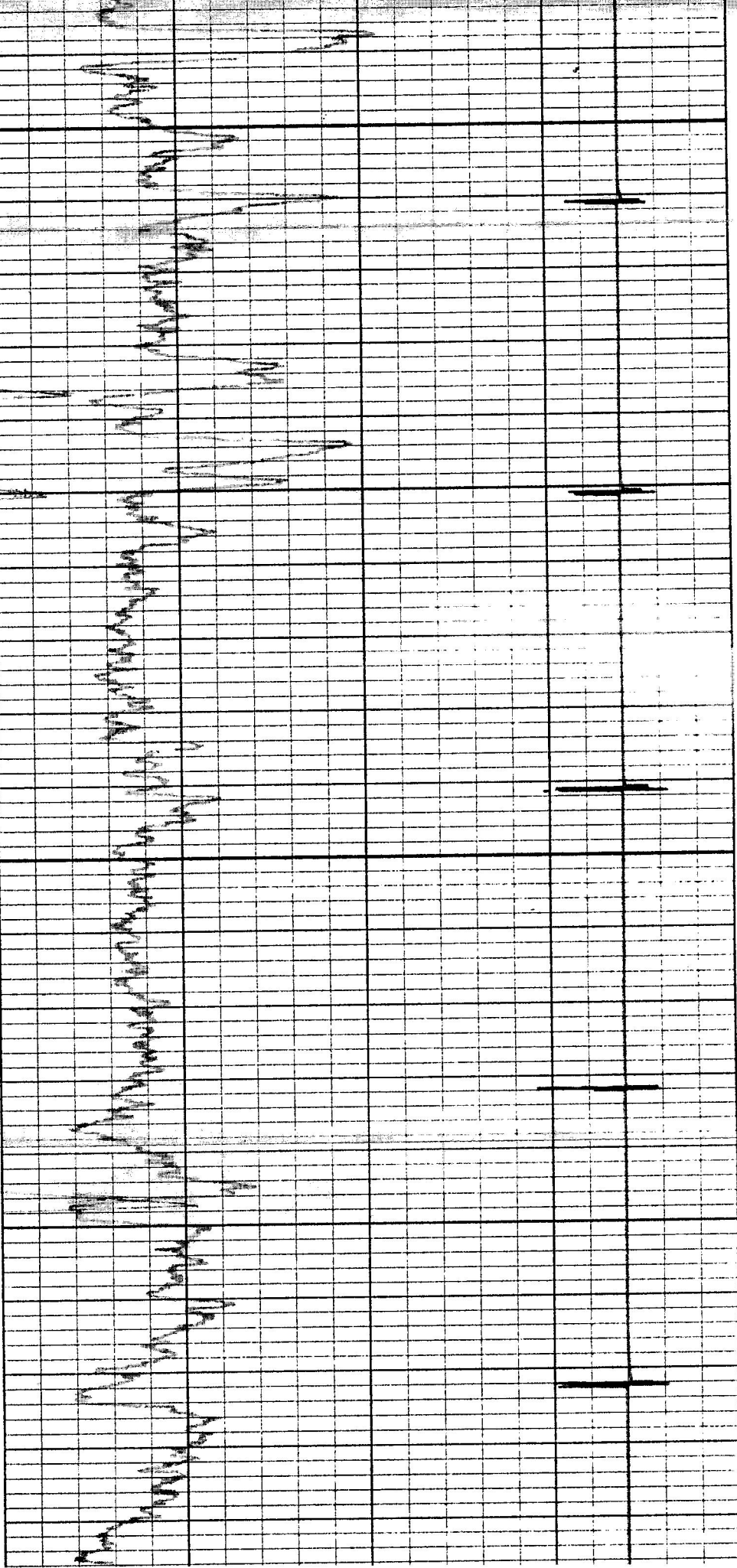
REMARKS OR OTHER DATA

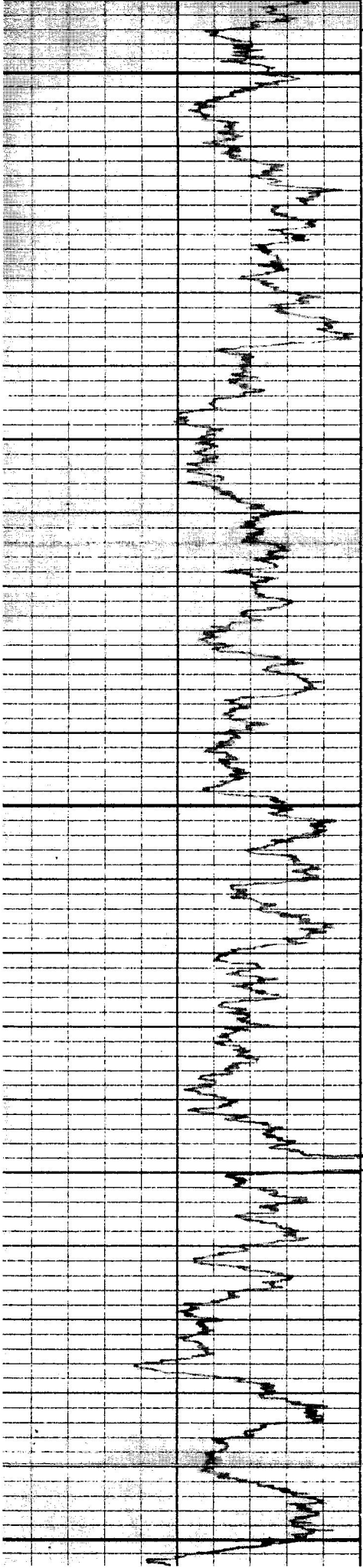




1200

1300

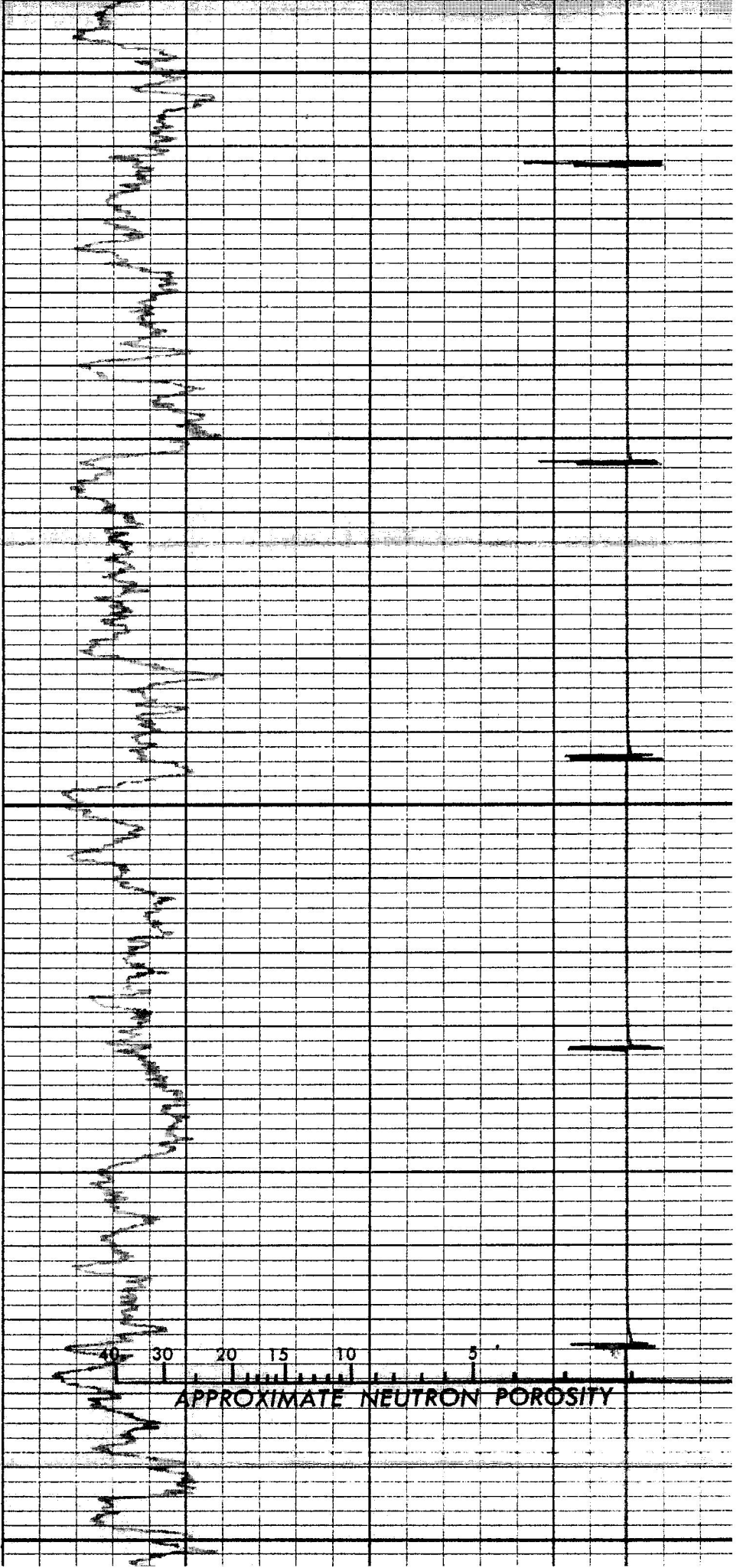




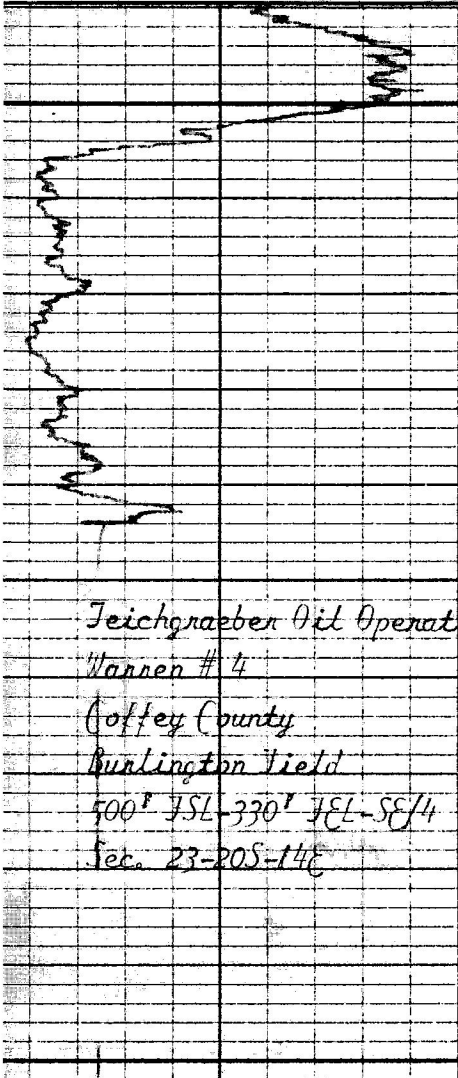
1400

1500

1600



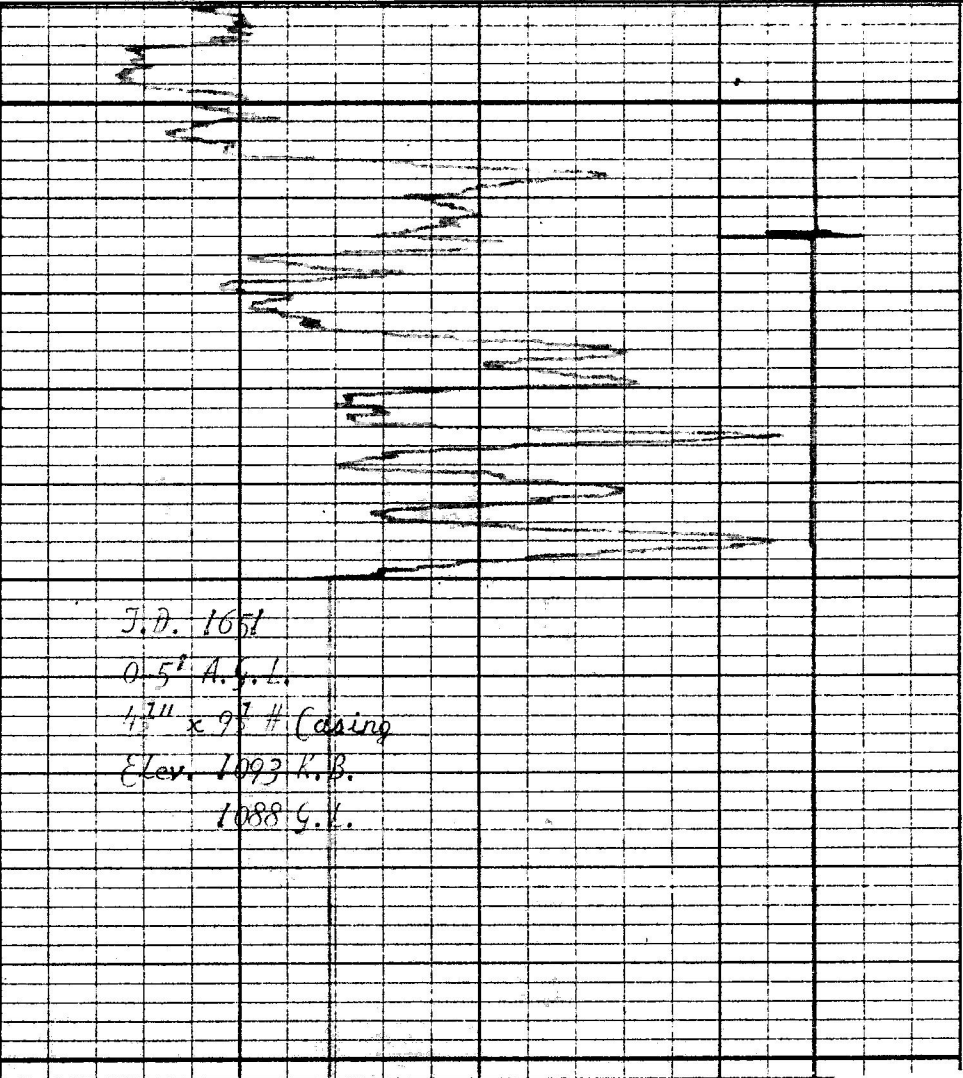
APPROXIMATE NEUTRON POROSITY



1600

- 3 Shots
- 2 Shots
- 3 Shots

Teichgraber Oil Operations  
 Wannan # 4  
 Coffey County  
 Burlington Field  
 500' JSL-330' JEL-SE/4  
 Sec. 23-20S-14E



J.D. 1651  
 0.5' A.G.L.  
 4 7/8" x 9 7/8" # casing  
 Elev. 1093 K.B.  
 1088 G.L.

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Pat Apple, Chairman  
Shari Feist Albrecht, Commissioner  
Jay Scott Emler, Commissioner

Sam Brownback, Governor

March 29, 2017

DALE R. OHL  
Six-D Exploration, LLC  
1808 E 24TH AVE  
HUTCHINSON, KS 67502-1108

Re: Plugging Application  
API 15-031-21475-00-00  
WARREN 4  
SE/4 Sec.23-20S-14E  
Coffey County, Kansas

Dear DALE R. OHL:

The Conservation Division has received your Well Plugging Application (CP-1).

**Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 3 of your proposed plugging plan at least 5 days before plugging the well.** DISTRICT 3's phone number is (620) 432-2300. Failure to notify DISTRICT 3, or failure to file a Well Plugging Record (CP-4) after the well is plugged will result in a penalty recommendation.

**Under K.A.R. 82-3-600, you must file an Application for Surface Pit (CDP-1) if you wish to use a workover pit while plugging the well.** Failure to timely file a CDP-1, failure to timely remove fluids, or failure to timely file Closure of Surface Pit (CDP-4) or Waste Transfer (CDP-5) forms will result in a penalty recommendation.

This receipt does NOT constitute authorization to plug this well if you do not otherwise have the legal right to do so.

This receipt is VOID after September 29, 2017. If the well is not plugged by then, you will have to submit a new CP-1 if you wish to plug the well.

**The September 29, 2017 deadline does NOT override any compliance deadline given to you by Legal, District, or other Commission Staff.** Failure to comply with any given deadline will still result in the Commission assessing penalties, or taking other legal action.

Sincerely,  
Production Department Supervisor

cc: DISTRICT 3