For KCC Use:
Effective Date: 05/18/2013
District # 1
SGA? [ ] Yes [X] No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1139187

Form C-1
March 2010
Form must be Typed
Form must be Signed
All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

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

Expected Spud Date: 5/18/2013 (month / day / year)

OPERATOR: License# 3842
Name: Larson Engineering, Inc. dba Larson Operating Company
Address 1: 562 W STATE RD 4
Address 2:
City: OLMITZ State: KS Zip: 67564 + 8561
Contact Person: Tom Larson
Phone: 620-653-7368

CONTRACTOR: License# 32592
Name: Wild West Well Service, Inc.

Well Drilled For:	Well Class:	Type Equipment:
[ ] Oil	[ ] Enh Rec	[X] Infield	[X] Mud Rotary
[ ] Gas	[ ] Storage	[ ] Pool Ext.	[ ] Air Rotary
	[X] Disposal	[ ] Wildcat	[ ] Cable
[ ] Seismic ; ____ # of Holes		[ ] Other	
[ ] Other:			

[X] If OWWO: old well information as follows:

Operator: Donald C. Slawson
Well Name: Hineman P #1
Original Completion Date: 7/8/1974 Original Total Depth: 4706

Directional, Deviated or Horizontal wellbore? [ ] Yes [X] No
If Yes, true vertical depth:
Bottom Hole Location:
KCC DKT #:

OWWO

Spot Description:
NE - SW - NW - SW (Q/Q/Q/Q) Sec. 20 Twp. 19 S. R. 28 [ ] E [X] W
1955 feet from [ ] N / [X] S Line of Section
650 feet from [ ] E / [X] W Line of Section
Is SECTION: [X] Regular [ ] Irregular?

*(**Note:** Locate well on the Section Plat on reverse side)*

County: Lane
Lease Name: Hineman P Well #: 1 SWD
Field Name: Hineman
Is this a Prorated / Spaced Field? [ ] Yes [X] No
Target Formation(s): Cedar Hills
Nearest Lease or unit boundary line (in footage): 650
Ground Surface Elevation: 2790 Surveyed feet MSL
Water well within one-quarter mile: [ ] Yes [X] No
Public water supply well within one mile: [ ] Yes [X] No
Depth to bottom of fresh water: 180
Depth to bottom of usable water: 1260
Surface Pipe by Alternate: [ ] I [X] II
Length of Surface Pipe Planned to be set: 258
Length of Conductor Pipe (if any):
Projected Total Depth: 2150
Formation at Total Depth: Anhydrite
Water Source for Drilling Operations:
[ ] Well [ ] Farm Pond [X] Other: water hauler
DWR Permit #:
*(**Note:** Apply for Permit with DWR [ ])*
Will Cores be taken? [ ] Yes [X] No
If Yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office ***prior*** to spudding of well;
2. A copy of the approved notice of intent to drill ***shall be*** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below ***shall be set*** by circulating cement to the top; in all cases surface pipe ***shall be set*** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary ***prior to plugging;***
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within ***120 DAYS*** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. ***In all cases, NOTIFY district office*** prior to any cementing.

Submitted Electronically

For KCC Use ONLY
API # 15 - 15-101-20109-00-01
Conductor pipe required 0 feet
Minimum surface pipe required 258 feet per ALT. [ ] I [X] II
Approved by: Rick Hestermann 05/13/2013
This authorization expires: 05/13/2014
(This authorization void if drilling not started within 12 months of approval date.)

Spud date: Agent:

Mail to: KCC - Conservation Division,
130 S. Market - Room 2078, Wichita, Kansas 67202

Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

[ ] **Well will not be drilled or Permit Expired** Date:
Signature of Operator or Agent:

20 19 28
[ ] E
[X] W

Side Two

1139187

For KCC Use ONLY
API # 15 - 15-101-20109-00-01

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Larson Engineering, Inc. dba Larson Operating Company
Lease: Hineman P
Well Number: 1 SWD
Field: Hineman

Number of Acres attributable to well: _____
QTR/QTR/QTR/QTR of acreage: NE - SW - NW - SW

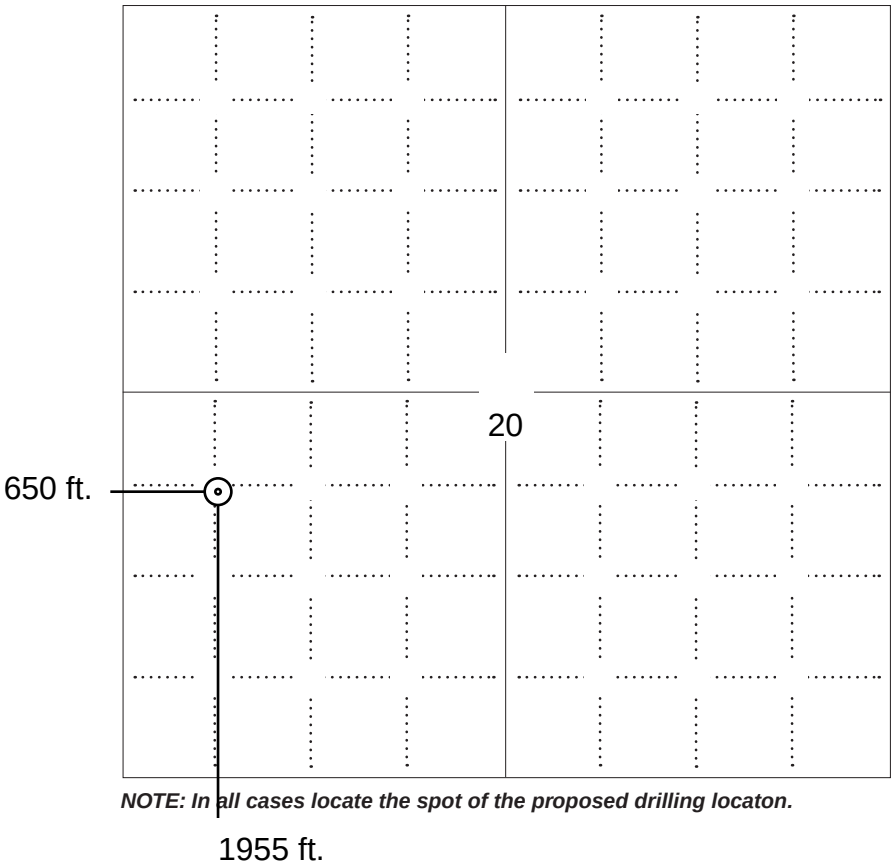
Location of Well: County: Lane
1955 feet from ☐ N / ☒ S Line of Section
650 feet from ☐ E / ☒ W Line of Section
Sec. 20 Twp. 19 S. R. 28 ☐ E ☒ W

Is Section: ☒ Regular or ☐ Irregular

If Section is Irregular, locate well from nearest corner boundary.
Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

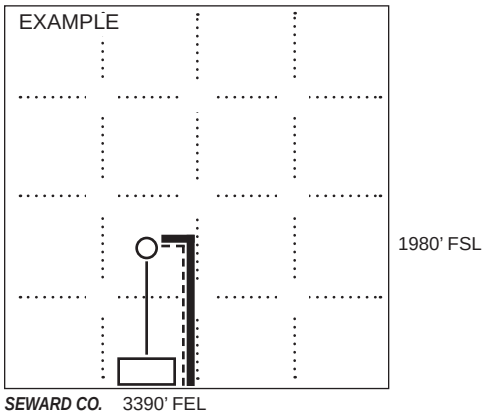
PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



LEGEND

- ○ Well Location
- ▭ Tank Battery Location
- ——— Pipeline Location
- - - - - - Electric Line Location
- ▬▬ Lease Road Location



NOTE: In all cases locate the spot of the proposed drilling locaton.

In plotting the proposed location of the well, *you must show*:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

[redacted] 1139187

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Larson Engineering, Inc. dba Larson Operating Company | License Number: 3842

Operator Address: 562 W STATE RD 4 OLMITZ KS 67564

Contact Person: Tom Larson | Phone Number: 620-653-7368

Lease Name & Well No.: Hineman P 1 SWD

Type of Pit:
☐ Emergency Pit ☐ Burn Pit
☐ Settling Pit ☒ Drilling Pit
☐ Workover Pit ☐ Haul-Off Pit
(If WP Supply API No. or Year Drilled)

Pit is:
☒ Proposed ☐ Existing
If Existing, date constructed:

Pit capacity: 1200 (bbls)

Pit Location (QQQQ): NE - SW - NW - SW

Sec. 20 Twp. 19 R. 28 ☐ East ☒ West

1955 Feet from ☐ North / ☒ South Line of Section

650 Feet from ☐ East / ☒ West Line of Section

Lane County

Is the pit located in a Sensitive Ground Water Area? ☐ Yes ☒ No

Chloride concentration: _____ mg/l
(For Emergency Pits and Settling Pits only)

Is the bottom below ground level? ☒ Yes ☐ No

Artificial Liner? ☒ Yes ☐ No

How is the pit lined if a plastic liner is not used?

Pit dimensions (all but working pits): 40 Length (feet) 40 Width (feet) ☐ N/A: Steel Pits

Depth from ground level to deepest point: 5 (feet) ☐ No Pit

If the pit is lined give a brief description of the liner material, thickness and installation procedure.

6 mil plastic

Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.

Will remove free fluids and allow to dry.

Distance to nearest water well within one-mile of pit:

4386 feet Depth of water well 67 feet

Depth to shallowest fresh water 60 feet.
Source of information:
☐ measured ☐ well owner ☐ electric log ☒ KDWR

Emergency, Settling and Burn Pits ONLY:

Producing Formation: _____

Number of producing wells on lease: _____

Barrels of fluid produced daily: _____

Does the slope from the tank battery allow all spilled fluids to flow into the pit? ☐ Yes ☐ No

Drilling, Workover and Haul-Off Pits ONLY:

Type of material utilized in drilling/workover: fresh water mud

Number of working pits to be utilized: 2

Abandonment procedure: Remove free fluids, allow to dry then backfill.

Drill pits must be closed within 365 days of spud date.

Submitted Electronically

KCC OFFICE USE ONLY

☒ Liner ☐ Steel Pit ☒ RFAC ☐ RFAS

Date Received: 05/13/2013 Permit Number: 15-101-20109-00-01 Permit Date: 05/13/2013 Lease Inspection: ☐ Yes ☒ No

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1139187

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 # 3842
Name: Larson Engineering, Inc. dba Larson Operating Company
Address 1: 562 W STATE RD 4
Address 2:
City: OLMITZ State: KS Zip: 67564 + 8561
Contact Person: Tom Larson
Phone: (620) 653-7368 Fax: ( )
Email Address:

Well Location:
NE - SW - NW - SW Sec. 20 Twp. 19 S. R. 28 ☐ East ☒ West
County: Lane
Lease Name: Hineman P Well #: 1 SWD

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

Surface Owner Information:
Name: Roger Hineman
Address 1: 87 S. Longhorn Rd
Address 2:
City: Dighton State: KS Zip: 67839 +

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 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.

Submitted Electronically

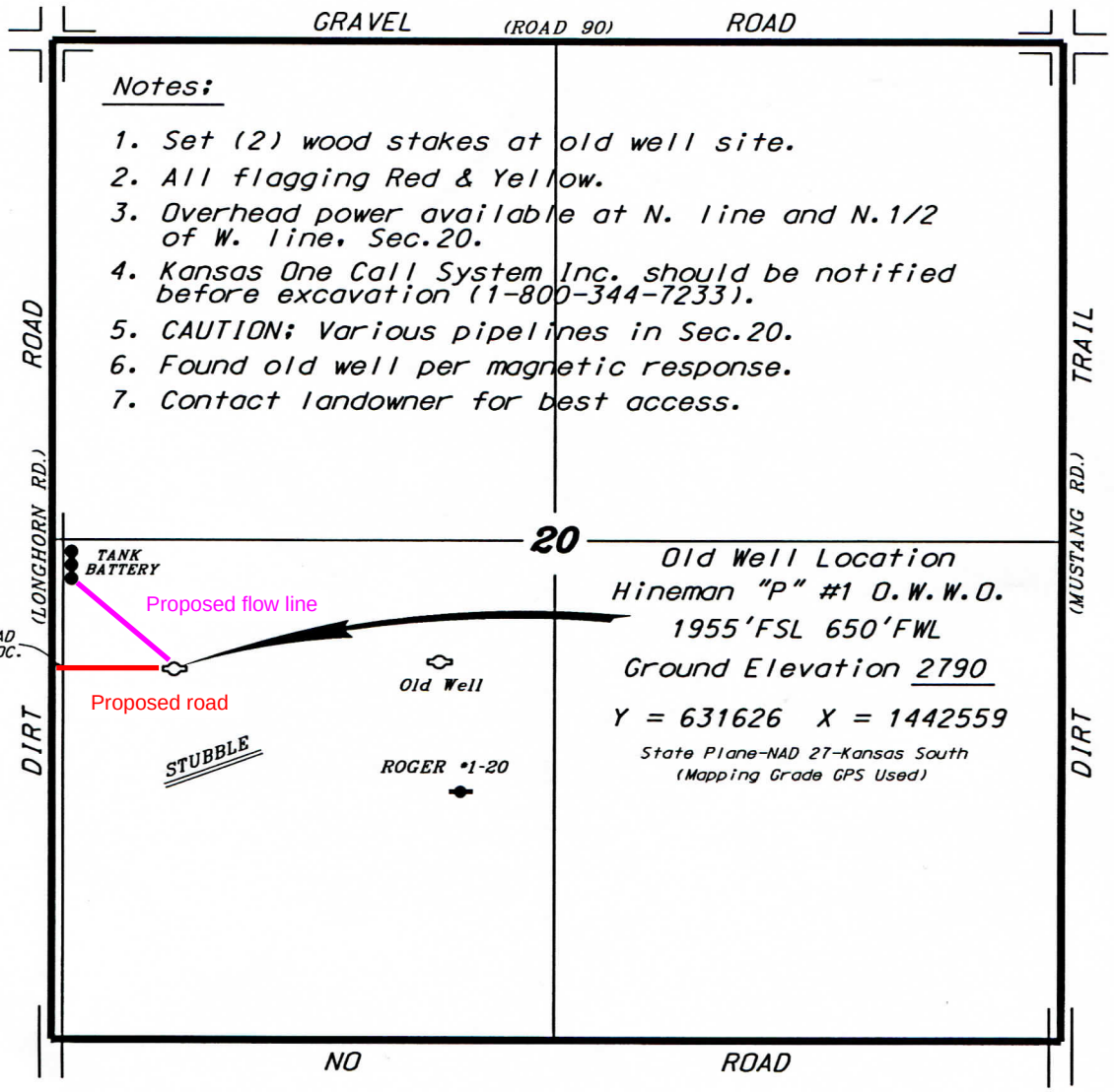
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

LARSON ENGINEERING, INC.

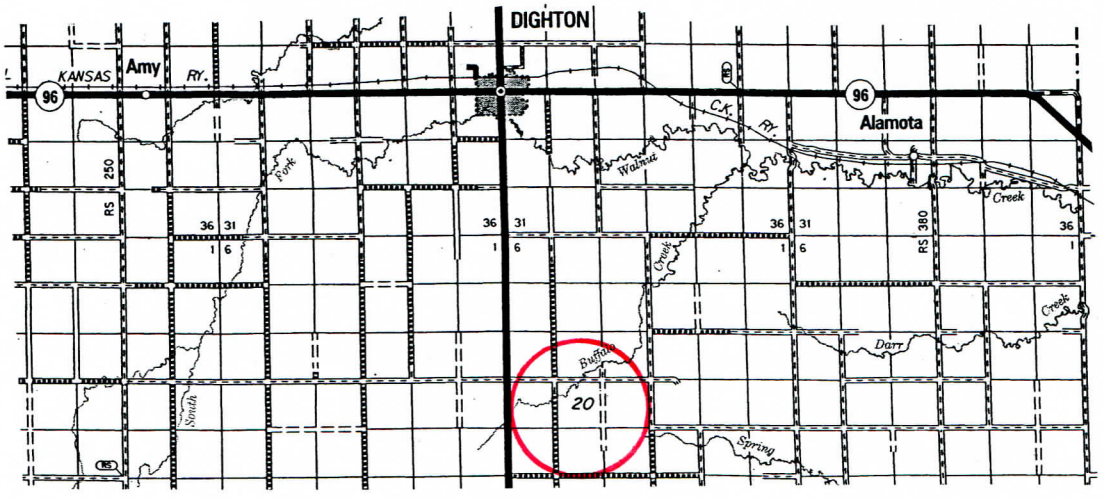
HINEMAN LEASE

SW. 1/4. SECTION 20. T19S. R28W

LANE COUNTY. KANSAS



*Ingress and egress to location as shown on this plat is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.



* Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

* Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages

* Elevations derived from National Geodetic Vertical Datum.

Date May 7, 2013

CENTRAL KANSAS OILFIELD SERVICES, INC. (620)792-1977

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

NOTICE TO OPERATORS FILING INTENT TO DRILL FOR DISPOSAL OR ENHANCED RECOVERY INJECTION WELLS, (CLASS II INJECTION WELL)

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling,completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.

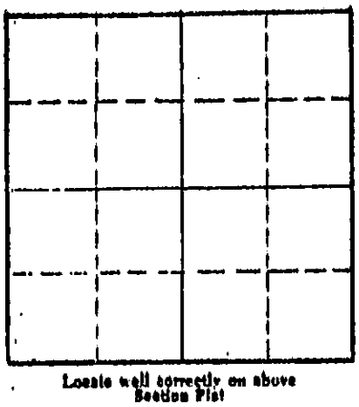
15-101-20109-0000

STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Lane County. Sec. 20 Twp. 19S Rge. 28W (E) (W)

Location as "NE/CNWKSWK" or footage from lines C NW SW
Lease Owner Donald C. Slawson
Lease Name Hineman 'P' Well No. 1
Office Address 408 120 Building, Wichita, Kansas 67202
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed July 8, 1974
Application for plugging filed July 8, 1974
Application for plugging approved July 8, 1974
Plugging commenced July 8, 1974
Plugging completed July 8, 1974
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production ____ 19____
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 Leo Massey, Hays, Ks.
Producing formation ____ Depth to top ____ Bottom ____ Total Depth of Well 4706 Feet
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
Surface Casing	258'			8 5/8"		

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

1st plug set @ 900' w/70 sx
2nd plug set @ 240' w/20 sx
3rd plug set @ 40' w/10 sx

RECEIVED
STATE CORPORATION COMMISSION
JUL 24 1974
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Slawson Drilling Company, Inc.
Address 408 120 Building, Wichita, Kansas 67202

STATE OF Kansas, COUNTY OF Sedgwick, ss.

James C. Remsberg (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) James C. Remsberg
Petroleum Engineer
(Address) 7

SUBSCRIBED AND SWORN TO before me this 19th day of July, 19 74

Dolores B. Coady
Notary Public.

My commission expires ____

DOLORES B. COADY
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
Comm. Exp. Oct. 7, 1976

JUN 21

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request samples on this well.

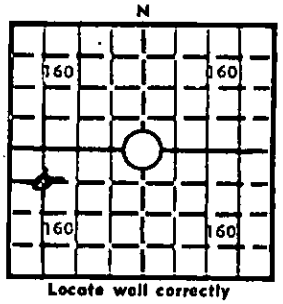
API No. 15 — 101 (County) — 20,109-0000 (Number)

S. 20 T. 19 R. 28 E/W

Loc. C NW SW

County Lane

640 Acres
N



Locate well correctly

Elev.: Gr. 2786

DF 2788 KB 2791

Operator
Donald C. Slawson

Address 408 One Twenty Building Wichita, Kansas 67202

Well No.	Lease Name
#1	Hineman "P"

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor	Geologist
Slawson Drilling Company, Inc.	George Mueller

Spud Date	Total Depth	P.B.T.D.
June 27, 1974	4706'	

Date Completed	Oil Purchaser
July 8, 1974	N/A

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	12¼"	8 5/8		258'	60/40 Poz	70sx	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)

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, 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.

COMPANY:	Donald C. Slawson 408 120 Building Wichita, Kansas 67202
LEASE:	Hineman 'P' #1 C NW SW Sec. 20-19-28W Lane County, Kansas
TOTAL DEPTH:	4706 feet
COMMENCED:	June 27, 1974
COMPLETED:	July 8, 1974
CONTRACTOR:	Slawson Drilling Company, Inc.
CASING:	Set 8 5/8" @ 258 feet w/170 sx

20-19S-28W
State Geological Survey
WICHITA BRANCH

15-101-20,109

0-260	Surface Hole
260-1060	Shale & Shells
1060-2129	Shale & Shells
2129-2158	Anhydrite
2158-2215	Shale & Shells
2215-4015	Lime & Shale
4015-4550	Lime
4550-4595	Lime & Shale
4595-4676	Lime
4676-4706	Miss
4706	RTD

Operator	Donald C. Slawson	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole
Well No. 1	Lease Name Hineman 'P'	
S 20 T 19S R 28W E 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
Surface Hole	0	260
Shale& Shells	260	1060
"	1060	2129
Anhydrite	2129	2158
Shale & Shells	2158	2215
Lime & Shale	2215	4015
Lime	4015	4550
Lime & Shale	4550	4595
Lime	4595	4676
Miss	4676	4706
RTD	4706	

NAME	DEPTH
LOG TOPS	
ANH	2133 (+658)
B/ANH	2159 (+632)
HEEB	3975 -1184
LANS	4018 -1227
STARK SH	4298 (-1507)
B/KC	4381 (-1590)
U/C	4543 (-1752)
L/C	4575 (-1784)
Basal Sd	4626 (-1835)
Miss	4658 (-1867)
LTD	4706

DST #1 4193 4238, 30-45-45-60, rec 1724' MSW SOCTO, IFP 91-345#, IBHP 1271#, FFP 353-635#, FBHP 1253#: DST #2 4245-76, 30-30-30-30, rec 20'M, IFP 9-18#, IBHP 905#, FFP 18-18#, FBHP 833# DST #3 4297-4321, 30-45-45-60, rec 2350' sulfur water, SBTO, IFP 109-634E, IBHP 1112#, FFP 652-923#, FBHP 1131# DST #4 4342-4366-30-30-30-30, wk bl, died 7", rec 20' M, IBHP 91#, FBHP 55#, IFP 18-18#, FFP 18-55#

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

Date Received

RECEIVED
JUL 1974
STATE GEOLOGICAL SURVEY OF KANSAS

James C. Remsberg
Signature
Petroleum Engineer
Title
July 19, 1974
Date