

STATE OF OHIO  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS

OIL AND GAS WELL  
DRILLING PERMIT

API WELL NUMBER

3 4 155 2 3223 \*\*1 4  
PERMIT

FORM 51: REVISED 2/85

OWNER/OPERATOR NAME, ADDRESS:

KLEESE DEVELOPMENT ASSOCS  
45 NORTH ROAD  
NILES OH  
44446

DATE ISSUED:

09/13/88

PERMIT EXPIRES:

09/13/89

TELEPHONE NUMBER:

216-652-5991

IS HEREBY GRANTED PERMISSION TO:  
IF UNPRODUCTIVE.

Drill New Well

AND ABANDON NEW WELL

PURPOSE OF WELL: Oil & Gas

SUBSTANCE TO BE STORED OR COMPLETION DATE IF PERMIT TO PLUG:

DESIGNATION AND LOCATION:

LEASE NAME NATALE

WELL NUMBER 2

COUNTY TRUMBULL

CIVIL TOWNSHIP

TRACT OR ALLOTMENT

FOOTAGE LOCATION

WARREN

982'SL & 804'WL OF LOT 2

SECTION

LOT 2

FRACTION

QUARTER TOWNSHIP

TYPE OF TOOLS:

Air Rotary/Fluid Rotary

PROPOSED TOTAL DEPTH

4800

FEET

GROUND LEVEL ELEVATION

895

GEOLOGICAL FORMATION(S)

CLINTON

ULTIMATE DISPOSAL OF WATER AND OTHER WASTE SUBSTANCES:

Salt Water Disposal Well  
Salt Water Haulers

HAULER REGISTRATION NUMBER

1. 71

2.

CONDITIONALLY APPROVED CASING PROGRAM (SUBJECT TO APPROVAL OF OIL AND GAS WELL INSPECTOR):

SURFACE HOLE ON FLUID ONLY

8-5/8" MINIMUM 300' IN A 12-1/4" HOLE

CEMENT BASKET AT 80' CEMENT CIRCULATED TO SURFACE

4-1/2" PRODUCTION CASING CEMENTED IF PRODUCTIVE

This permit is NOT TRANSFERABLE and expires 365 days after issuance, unless drilling has commenced prior thereto. This permit, or an exact copy thereof, must be displayed in a conspicuous and easily accessible place at the well site before permitted activity commences and remain until the well is completed. Ample notification to inspector is necessary. All mudding, cementing, placing and removing casing, and plugging operations must be done under the supervision of:

OIL AND GAS WELL INSPECTOR:

KUHL, JERRY  
6679 RT. 322 E. P.O. BOX 55  
WILLIAMSFIELD OH  
216-293-5222  
216-896-0616

PHELPS, MICHAEL  
614-498-8839

DEPUTY MINE INSPECTOR: MUST BE NOTIFIED IF WELL IN A COAL-BEARING TOWNSHIP IS TO BE PLUGGED AND ABANDONED.

A. THOMAS KANUPSIK  
216-584-6304  
BACKUP INSP. FRANK STONE  
216-484-6537

FIRE AND EMERGENCY NUMBERS:

FIRE: 216-898-2601

MEDICAL SERVICE: 216-898-2601

SPECIAL CONDITIONS:

/S/ J. Michael Biddison  
CHIEF, DIVISION OF OIL AND GAS

WHITE—WELL SITE COPY / BLUE—INSPECTOR'S COPY / GREEN—DIVISION OF OIL AND GAS COPY / CANARY—DIVISION OF MINES COPY  
PINK—DIVISION OF MINES COPY / GOLDENROD—OPERATOR'S FILE COPY

1. APPLICATION NUMBER 119369  
 2. OPERATOR Kleese Development Assoc  
 3. API 155 COUNTY Trumbull

	INITIALS	DATE
4. DATE STAMP	<u>P/C</u>	<u>8/22</u>
5. PERMIT FEE & CHECK NUMBER	<u>11406</u>	<u>250.</u>
6. A D FEE AND CHECK NUMBER	<u>      </u>	<u>      </u>
7. INJECTION WELL FEE AND CHECK NUMBER	<u>      </u>	<u>      </u>
8. <del>Permit</del> AFFIDAVIT SENT TO DIV. OF MINES	<u>P/C</u>	<u>8/24</u>
9. AFFIDAVIT REC'D FOR DIV. OF OIL & GAS	<u>P/C</u>	<u>8/31</u>
10. APPLICATION ENTERED:	<u>ID</u>	<u>8-25</u>

- Application Part A
- Brine Storage & Final Disposal Plan
- Restoration Plan
- County Engineer File

11. TECHNICAL REVIEW BF 9/2  
 12. SPECIAL AREA/SAMPLES: YES  NO               

13. VERBAL FROM DIV. OF MINES                
 14. WRITTEN FROM DIV. OF MINES                
 15. GEOLOGIST APPROVAL [Signature] 9/13  
 16. DATA ENTRY/ISSUED ID 9-13  
 17. PERMIT: Taken        Mailed  ID 9-14

18. CALLED INSPECTOR (If picked up)                
 19. FINAL MAP CHECK [Signature] 11/22/88  
 20. COMMENTS: No Form 16 - Held until Rec'd 8/12

1 SURETY#: 2655 5 APP#: 119369 15 CNTY: TRUM 16 TWP: WARREN 11 TYPE APP: NW 12 PURP: OG 13 STORAGE:

28 SEC: 3 29 LOT: 2 30 FRACT: 31 QTR TWP: 32 TRACT: 33 ALLOT:

20 WELL: 2 21 LEASE NAME: NATALE 23 FORM: CLINTON 22 FTD: 4800 24 D UNIT: 40

25 TOOL: RTAF 38 COAL B: Y 39 26 FIRE: 216-898-2601 27 MED: 216-898-2601 34 QUAD: SOUTHINGTON

35 X COORD: 2,442,200 36 Y COOR: ~~586,445~~ 37 ELEVA: 895 49 WELL CLASS: Pool  
586,350

PREVIOUSLY PERMITTED

17 API: 155 18 DRI / D: 2 19 PERMIT:

40 REG: B 41 CALL: 50 42 DISP: A: SW 43 B: SH 44 C: 45 D: 46 AD DENIED:

CASING PROGRAM:		
88	-----	-----
15	300	-----
17	-----	-----
20	-----	-----
---	-----	-----
---	-----	-----
---	-----	-----
---	-----	-----
---	-----	-----
---	-----	-----

FOOTAGE: 982' SL + 804' WL of lot 2

50 SPEC COND

51 TECH DATE: 9/12  
52 GEO DATE: 9/13  
53 GEO INT: ---  
54 ISSUE: -----

2 -  
895  
Be -680  
215

APPLICATION FOR A PERMIT  
OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS, FOUNTAIN SQ., BLDG. A, COLUMBUS, OH 43224

INSTRUCTIONS ON REVERSE SIDE FORM 1: Revised 03/85

1. I, We (applicant) Kleese Development Associates, 2. Owner # C-00021655  
(address) 45 North Rd., Miles OH 44446 Phone # 216-652-5991  
hereby apply this date August 5, 1988 for a permit to:  
 Drill  Plug Back  Plug & Abandon  Convert  Reopen  Deepen  
 Reissue  Reissue & Revised Location

3. TYPE OF WELL:  Oil & Gas  Artificial Brine  Saltwater Injection  
 Industrial Waste  Storage of:  Other: Explain  
 \*Solution Mining  \*Enhanced Recovery  
(If type chosen has an asterisk (\*), check appropriate box below)  
Input/Injection  Water Supply  Production/Extraction  Observation

4. MAIL PERMIT TO: same  
5. COUNTY: Trumbull  
6. CIVIL TOWNSHIP: Warfield  
7. SECTION: 2 8. LOT: 2  
9. FRACTION: 1/4 10. QTR TWP:  
11. TRACT/ALLOT:  
12. WELL #: 2  
13. LEASE NAME:  
14. PROPOSED TOTAL DEPTH: 4800'  
15. GEOLOGICAL FORMATION:  
16. DRILLING UNIT IN ACRES (must be same as acres indicated on plat): 40.0  
IF PERMITTED PREVIOUSLY:  
17. API #: 34 --- \* 14

18. OWNER:  
19. WELL #:  
20. LEASE NAME:  
21. PREVIOUS TOTAL DEPTH:  
22. PREVIOUS GEOLOGICAL FORMATION:

23. MEANS OF INGRESS  
CO Rd \_\_\_\_\_ TWP Rd \_\_\_\_\_  
Twp Rd \_\_\_\_\_  
State Hwy \_\_\_\_\_  
29. LANDOWNER ROYALTY INTEREST  
Name Kleese Development  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

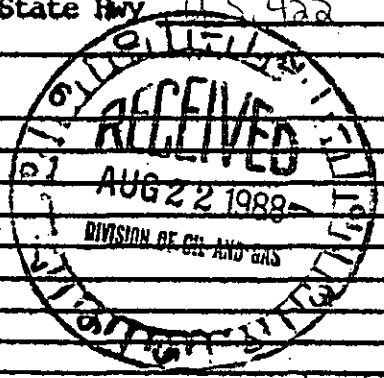
24. TYPE OF TOOLS  
Cable \_\_\_\_\_ Air Rotary \_\_\_\_\_  
Fluid Rotary  Air & Fluid Rotary \_\_\_\_\_  
Cable & Air Rotary \_\_\_\_\_  
Cable & Fluid Rotary \_\_\_\_\_  
Cable & Air Rotary & Fluid Rotary \_\_\_\_\_

25. PROPOSED CASING PROGRAM:  
Approx 400' of 8 5/8" casing  
cemented to surface  
4 1/2" if productive

26. IF SURFACE RIGHTS ARE OWNED BY THE STATE OF OHIO, DEPARTMENT OF NATURAL RESOURCES:  
Division \_\_\_\_\_  
Telephone \_\_\_\_\_

27. FIRE AND MEDICAL DEPT. TELEPHONE NUMBERS  
Closest to Well Site:  
Fire 216-898-2601  
Medical 216-898-2601

28. MEANS OF EGRESS  
CO Rd \_\_\_\_\_ TWP Rd \_\_\_\_\_  
Municipal Rd \_\_\_\_\_  
State Hwy US 422



I the undersigned, being first duly sworn, depose and state under penalty of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that facts and facts stated therein are true, correct, and complete, to the best of my knowledge.

I the undersigned, further depose and state that I am the person who has the right to drill upon the tract of land or drilling unit, described in this application, and that I have the right to produce oil or gas from a pool thereon, and to appropriate the oil or gas that I produce therefrom either for myself or others. And furthermore, I the undersigned, being duly sworn, depose and state at this time I am not liable for a final unappealable order of a court for damage to streets, roads, highways, bridges, culverts, or drainageways pursuant to Section 5577.12 of the Ohio Revised Code, and that all requirements of any political subdivision having jurisdiction over an activity related to the drilling or operation of this oil or gas well that are in effect at the time of this application and on file with the Division of Oil and Gas, including but not limited to zoning ordinances and the requirements of Section 4311.34 of the Ohio Revised Code, will be complied with until abandonment of this well. If applying for a permit to plug and abandon a well, I hereby certify that the written notices, as required in Section 1509.13, Ohio Revised Code, have been given.

That I hereby agree to conform with all provisions of Chapter 1509 of the Ohio Revised Code, to all orders and rules issued by the Chief, Division of Oil and Gas.

Signature of Owner/Authorized Agent: [Signature]  
Name (Type or Print) Robert S. Kleese Title Partner  
If signed by Authorized Agent, a certified copy of appointment of agent must be on file.  
MADE to and subscribed before me this 5th day of August 19 88.  
Mary Ann Graham  
(Notary Public)

MARY ANN GRAHAM, NOTARY PUBLIC  
State of Ohio  
My Commission Expires Sept. 20, 1991.

before this application can be processed, Form 9 (Authority and Organization Form), indicating the exact owner name on this Form 1, and proof of compliance with the surety requirements of Chapter 1509.07 of O.R.C. must be on file with the Division of Oil & Gas. If a new owner name (i.e. one not previously filed with the Division) is used, a Form 9 and evidence of meeting the surety requirements must be filed with this application.

All information requested on this form must be provided unless exempted by the instructions below. Incomplete applications will be returned to the applicant. An application for a permit requires the following:

- a. Original and (2) copies of the application;
- b. Original and (4) copies of an Ohio Registered surveyor's plat;
- c. Original and (1) copy of the restoration plan;
- d. Original and (1) copy of Brine Storage and Final Disposal Plan
- e. \$250.00 check or money order for a permit fee to drill, reopen, reissue, deepen, and plug back; or \$50.00 check or money order for a permit to plug and abandon.
- f. \$100.00 check or money order for a permit to drill, reopen, reissue, deepen, plug back or convert a well to saltwater injection.
- g. \$50.00 check or money order if brine is to be disposed of by any method other than underground injection or enhanced recovery as stated on the Plan for Storage and Disposal of Brine and Other Waste Substances.

(MAKE CHECKS PAYABLE TO THE DIVISION OF OIL & GAS)

Item 1. Provide requested information.

Item 2. Indicate owner number in blank. If owner number is not known, ensure that the owner name is identical to owner name that is on the Form 9 (Authority and Organization Form) that is on file with the Division.

Item 3. Indicate the type of well for which the application is being submitted.

Item 4. Provide name, address, city, state and zip code where the permit is to be mailed.

Items 5 - 13. Indicate drilling location.

Items 14 - 16. Provide requested information.

Section 17. Complete when application is for a permit to reopen, deepen, reissue, plug back, convert, or plug & abandon. If API # is unknown indicate previous permit number.

Items 18 - 22. Complete if application is to reissue a previous permit, or to plug back, convert, deepen, reopen or plug & abandon an existing well.

Item 23. List all County, Township, and/or Municipal Roads, Streets and Highways by name or number that applicant anticipates to use as means of ingress to the well site.

Item 24. Indicate type of tools to be used.

Item 25. Indicate size and amount of casing to be used.

Item 26. Complete if surface rights are owned by the Department of Natural Resources.

Item 27. Indicate fire and medical department emergency telephone numbers closest to the well site.

Item 28. List all County, Township, and/or Municipal Roads, Streets and Highways by name or number that applicant anticipates to use as means of egress from the well site.

Item 29. List names and addresses of landowner royalty interest holders. Names must coincide with those shown on the designated unit or subject tract on the surveyor's plat or an explanation must be included. (Overriding royalty and working interests are not required.)

For use by DIVISION OF OIL AND GAS and DIVISION OF MINES

Is location within a coal bearing township?	Yes _____	No _____
A landowner affidavit has been attached?	Yes _____	No _____
Application referred to Division of Mines?	Date _____	By _____
Approved by _____	Date _____	
Disapproved by _____	Date _____	
Explanation _____		

DIVISION OF OIL AND GAS

AFFIDAVIT

Application No. 119369  
(To be filled in by the Division)

STATE OF Ohio

SS:

COUNTY OF Trumbull

KLEESE DEVELOPMENT ASSOCIATES

(Name and address of landowner)

45 North Road, Niles, OH 44446

being first duly sworn according to law, depose and say that they are the owners of the following described real estate:

Located in \_\_\_\_\_ Quarter of

Section 2, Fraction/Lot \_\_\_\_\_

Warren Township,

Trumbull County, Ohio.



The undersigned certify that they are the owners of the property in fee simple, including the coal rights, and have no objections to the drilling of the 2 (Well No.) by the Kleese Development Associates on said premises.  
(Company)

Further affiant sayeth naught.

[Signature]  
(Signatures)

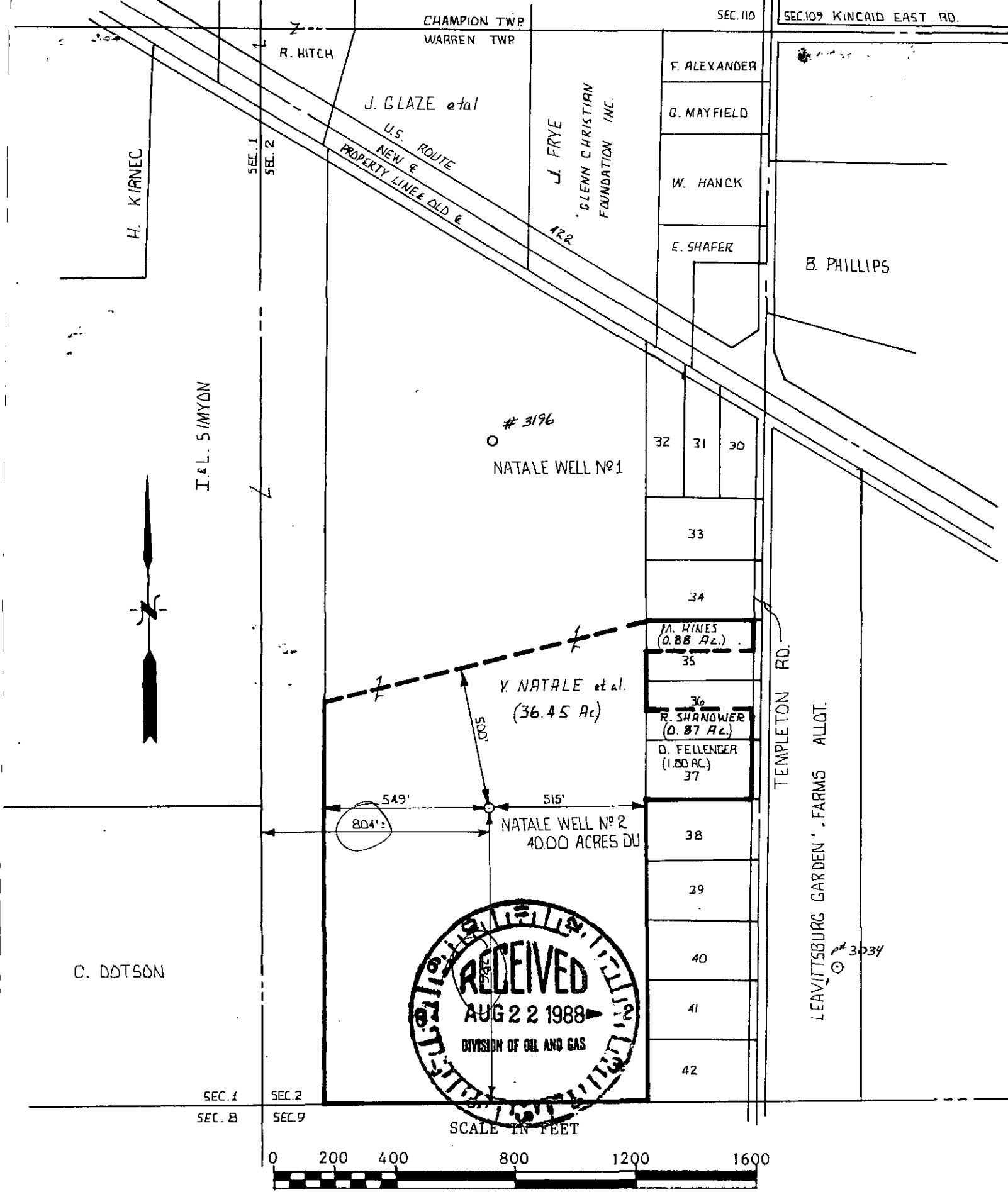
Robert S. Kleese, partner

Kleese Development Associates

SWORN to before me and subscribed in my presence this 29th day of August, 19 88.

Mary Ann Graham  
Notary Public

MARY ANN GRAHAM, NOTARY PUBLIC  
State of Ohio  
My Commission Expires Sept. 20, 1991



PLAT SHOWING PROPOSED LOCATION OF OIL OR GAS WELL

OPERATOR <u>KLEESE DEVELOPMENT</u>	TWP. <u>4</u>	
ADDRESS <u>45 NORTH RD. NILES OH 44446</u>	RANGE <u>4</u>	
<u>NATALE</u> WELL NO. <u>2</u> ACRES <u>40.00</u>	SECTION <u>X</u> LOT <u>2</u>	
COUNTY <u>TRUMBULL</u> TWP. <u>WARREN</u>	TRACT _____	
QUAD. <u>SOUTHINGTON</u> N <u>242 200</u> ✓	DATE STAKED: <u>7-26-88</u>	
OHIO PLANE COORDINATES E <u>588 645</u> <u>586, 350</u> ✓	DRAWN BY: <u>T.T. JOB NO. 8826-1</u>	
ELEV. <u>895</u> ✓		

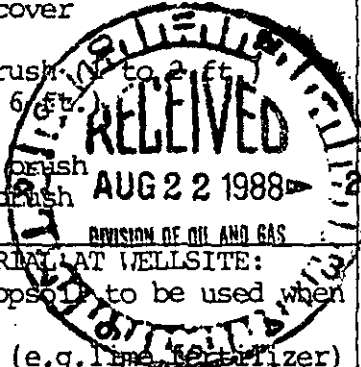
I hereby certify that all drilling or producing wells within 1000 feet and all buildings and streams within 150 feet have been shown, there are no drilling unit lines nearer than 500 feet, that this plat is true and correct and was prepared according to the current State of Ohio, Department of Natural Resources, Division of Oil and Gas Regulations.

*Jerry W. Daniel*  
 Jerry W. Daniel, Registered Surveyor No. 6222  
 101 North Center Street  
 Newton Falls, Ohio 44444

982'SL + 804'WK of lot 2  
 40 ac. C1-Pool-R7.

RESTORATION PLAN  
OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS

<p>1. DATE OF APPLICATION: _____</p> <p>2. OWNER NAME, ADDRESS, &amp; TELEPHONE #'s: Kleese Development Associates 45 North Rd. Niles, OH 44446 216-652-5991</p>	<p style="text-align: right;">FORM 4: Revised 03/85</p> <p>3. API #: 3 4 ----- * * 1 4 -</p> <p>4. WELL #: <u>2</u></p> <p>5. LEASE NAME: <u>Natale</u></p> <p>6. PROPERTY OWNER: <u>Kleese Dev</u></p> <p>7. COUNTY: <u>Trumbull</u></p> <p>8. CIVIL TOWNSHIP: <u>Warren</u></p> <p>9. SECTION: <u>2</u>      10. LOT: <u>2</u></p>
<p>11. CURRENT LAND USE:  <input type="checkbox"/> Cropland  <input type="checkbox"/> Pasture  <input type="checkbox"/> Wetlands  <input type="checkbox"/> Residential  <input type="checkbox"/> Unreclaimed strip mine  <input type="checkbox"/> Woodland: Circle <u>Broad-leaved</u> or <u>Needlelike</u></p>	<p>17. TYPE OF WELL:  <input checked="" type="checkbox"/> Oil    <input checked="" type="checkbox"/> Gas    <input type="checkbox"/> Other</p> <p>18. STEEPEST SLOPE GRADIENT CROSSING SITE:  <input type="checkbox"/> 0 to 2%    <input checked="" type="checkbox"/> 2.1 to 8%    <input type="checkbox"/> 8.1 to 10%  <input type="checkbox"/> 10.1 to 24%    <input type="checkbox"/> greater than 24%</p>
<p>12. SLOPE GRADIENT &amp; LENGTH DETERMINED FROM:  <input checked="" type="checkbox"/> Ground measurement  <input type="checkbox"/> U.S. Geological Survey Topographical Maps  <input type="checkbox"/> Other, explain _____</p>	<p>19. LENGTH OF STEEPEST SLOPE CROSSING SITE:  <input type="checkbox"/> 1 to 100 ft.    <input checked="" type="checkbox"/> 101 to 200 ft.  <input type="checkbox"/> 201 to 400 ft.    <input type="checkbox"/> greater than 400 ft.</p>
<p>13. TYPE OF FALL VEGETAL COVER:  <input type="checkbox"/> Little or no vegetal cover  <input checked="" type="checkbox"/> Short grasses  <input type="checkbox"/> Tall weeds or short brush (1 to 2 ft.)  <input type="checkbox"/> Brush or bushes (2 to 6 ft.)  <input type="checkbox"/> Agricultural crops  <input type="checkbox"/> Trees with sparse low brush  <input type="checkbox"/> Trees with dense low brush</p>	<p>20. RESTORATION OF DRILLING PITS: **  <input checked="" type="checkbox"/> Haul drilling fluids and fill pits  <input type="checkbox"/> Use steel circulating tanks  <input type="checkbox"/> Proposed alternative _____</p>
<p>14. SOIL &amp; RESOILING MATERIAL AT WELLSITE:  <input checked="" type="checkbox"/> Stockpile &amp; protect topsoil to be used when preparing seedbed  <input type="checkbox"/> Use of soil additives (e.g. lime, fertilizer)  <input type="checkbox"/> No resoiling planned  <input type="checkbox"/> Proposed alternative _____</p>	<p>21. BACKFILLING AND GRADING AT SITE:  <input type="checkbox"/> Construct diversions channelled to naturally established drainage systems  <input type="checkbox"/> Construct terraces across slopes  <input checked="" type="checkbox"/> Grade to approximate original contour  <input type="checkbox"/> Grade to minimize erosion &amp; control offsite runoff  <input type="checkbox"/> Proposed alternative _____</p>
<p>15. DISPOSAL PLAN FOR TREES AND TREE STUMPS:  <input checked="" type="checkbox"/> No trees disturbed    <input type="checkbox"/> Haul to landfill  <input type="checkbox"/> Cut into firewood    <input type="checkbox"/> Sell to lumber co.  <input type="checkbox"/> Bury with landowners approval  <input type="checkbox"/> Mulch sm. trees &amp; branches, erosion control  <input type="checkbox"/> Use for wildlife habitat w/landowner approval  <input type="checkbox"/> Proposed alternative _____</p>	<p>22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE:  <input type="checkbox"/> Seeding plan    <input type="checkbox"/> Sod  <input type="checkbox"/> Agricultural crops    <input type="checkbox"/> Trees &amp;/or Bushes  <input checked="" type="checkbox"/> Proposed alternative <u>seeded</u></p>
<p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:  <input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water  <input type="checkbox"/> Tile drainage system underlying land to be disturbed  <input type="checkbox"/> Drain pipe(s) underlying land to be disturbed  <input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>23. ADDITIONAL HOLES:  <input checked="" type="checkbox"/> Rat/Mouse, if used, will be plugged.</p> <p>24. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD:  <input type="checkbox"/> 100 ft. or less    <input checked="" type="checkbox"/> 101 to 500 ft.  <input type="checkbox"/> 501 to 1500 ft.    <input type="checkbox"/> greater than 1500 ft.</p>
<p>17. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:  <input type="checkbox"/> Tile drainage system underlying land to be disturbed  <input type="checkbox"/> Drain pipe(s) underlying land to be disturbed  <input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>25. CURRENT LAND USE OF PATH OF ACCESS ROAD:  <input type="checkbox"/> Cropland    <input type="checkbox"/> Pasture    <input type="checkbox"/> Commercial  <input checked="" type="checkbox"/> Idle land    <input type="checkbox"/> Wetlands    <input type="checkbox"/> Recreational  <input type="checkbox"/> Industrial    <input type="checkbox"/> Residential  <input type="checkbox"/> Unreclaimed strip mine  <input type="checkbox"/> Woodland (Circle <u>Broad-Leaved</u> or <u>Needlelike</u>)</p>




REQUIRED BY SECTION 1509.06 (L), OHIO REVISED CODE - FAILURE TO SUBMIT MAY RESULT IN AN ASSESSMENT OF CRIMINAL FINES NOT LESS THAN \$100.00 NOR MORE THAN \$2,000.00 OR CIVIL PENALTIES NOT LESS THAN \$4,000.00.

\*\* PITS MUST BE FILLED WITHIN FIVE MONTHS AFTER COMMENCEMENT OF THE WELL.

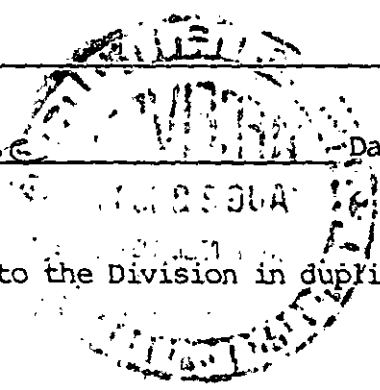


<p>26. SURFACING MATERIAL FOR ACCESS ROAD:</p> <p>Gravel _____ Brick and/or tile waste _____  <input checked="" type="checkbox"/> Slag _____ Crushed stone _____          No surfacing material to be used _____          Proposed alternative _____</p>	<p>28. GRADING &amp; EROSION CONTROL PRACTICE ON ROAD:</p> <p>Diversions _____ Water breaks _____ Drains _____          Outsloping of road _____ Open top culverts _____  <input checked="" type="checkbox"/> Pipe culverts _____ Filter Strips _____ Rip rap _____          Proposed alternative _____</p>
<p>27. PATH OF ACCESS ROAD TO BE DETERMINED BY:</p> <p><input checked="" type="checkbox"/> Landowner _____ Contractor _____          Existing access road _____ Operator _____</p>	<p>29. STEEPEST SLOPE GRADIENT ON ACCESS ROAD:</p> <p><input checked="" type="checkbox"/> 0 to 5% _____ 6 to 10% _____ greater than 10% _____</p> <p>30. APPROX. LENGTH OF STEEPEST SLOPE ON ROAD:</p> <p>0 to 100 ft. _____ 101 to 200 ft. _____  <input checked="" type="checkbox"/> 201 to 400 ft. _____ greater than 400 ft. _____</p>
<p>31. HAS LANDOWNER RECEIVED A COPY OF THIS RESTORATION PLAN? _____ Yes <input checked="" type="checkbox"/> No</p>	

The undersigned hereby agrees to implement all restoration operations identified on this form, and conform to all provisions of Section 1509.072 of the Ohio Revised Code, and to all orders and rules issued by the Chief, Division of Oil and Gas.

Signature of Owner/Authorized Agent 

Name (Typed or Printed) Robert S. Kleese Date 8/5/88



Restoration Plan must be submitted to the Division in duplicate.

3 4 1 5 5 2 3 2 2 3 1 4

Permit No.

(To be submitted with Activity Report)

**RECORD OF CASING, CEMENTING AND MUDDING**

Well Owner: Kleese Development Assocs.

Date Issued: 9-13-88 Expiration Date: 9-13-89

Lease Name: NATALE Well No. 2

Spud Date: Month 1 Day 31 Year 89

County: Trumbull Twp. Warren

Type of Job:  SURFACE  PRODUCTION  OTHER

Contractor: Sherman Drlg.

Type of Cement: Light Standard Sacks: 75

Type of Tools:  ROTARY  CABLE

Amount of Mud: N/A

Service Company: Halliburton

Size of Hole: 12 1/2" DEPTH 345' FT

Procedure:  PRESSURE  GRAVITY

Casing: SIZE 8 5/8" DEPTH 335' FT

Plugging of: N/A

Float Equipment:  SHOE  COLLAR  OTHER

Mouse hole  YES  NO N/A SACKS

Special Equipment: open end, BASKET AT 80'

Rat hole  YES  NO N/A SACKS

**CASING RECORD**

SIZE	SET	REMARKS

Cement/Mud Circulated to Surface:  YES  NO  
 Notification Received:  YES  NO  
 Job Witnessed by Inspector:  YES  NO  
 Annular Disposal indicated on permit:  YES  NO  
 Meets construction requirements for A.D. (Explain below if no or if remedial action is required).  YES  NO

DATE JOB COMPLETED 2/1/89

Formations: (if available)  DL  EL  KB  RF  GL

NAME	TOP	BOTTOM

Remarks:  
 (attach cement/mud tickets if available)

good circulation of cement to surface.

Date: 2-1-89

Signed: Jerry M. Kohl

OIL AND GAS WELL INSPECTOR  
 Yellow - Inspector

Distribution: White - Central Office

**WELL COMPLETION RECORD**  
 OH DEPARTMENT OF NATURAL RESOURCE  
 DIVISION OF OIL AND GAS, FOUNTAIN SQ. BLDG. A, COLUMBUS, OH 43224

*MS*

Owner # 2655 Form 8: Revised 2/85  
09/13/88

Owner name, address & telephone numbers:  
**KLEESE DEVELOPMENT ASSOCS**  
**45 NORTH ROAD**  
**NILES OH**  
**216-652-5991 44446**

This report is due in duplicate 30 days after completion of the well. If the permit has expired and the well was not drilled,  check here, sign on reverse side, and return to our office within 30 days after expiration.

Type of permit:  
Oil & Gas

3. API #: 34 155 2 3223 #  
 5. County: TRUMBULL  
 6. Civil Township: WARREN

Type of well:  
Drill New Well

8. Footage:  
982'SL & 804'WL OF LOT 2

Acres: 2,442,200 Y. 586,350  
 Quad: SOUTHINGTON  
 Section: 12. Lot: 2  
 Traction: 14. Qtr Twp:  
 Tract:  
 Allot:  
 Well #: 2  
 Lease Name: NATALE  
 PTD: 4800 20. Drilling Unit: 40

21. Date drilling commenced: 1-31-89  
 22. Date drilling completed: 2-5-89  
 23. Date put into production:  
 24. Date plugged if dry:  
 25. Producing formation: Clinton  
 26. Deepest formation: Queenston  
 27. Driller's total depth: 4521  
 28. Logger's total depth: 4503

Type of tools:  
 Cable  Air Rotary  
 Fluid Rotary  Air/Fluid Rotary  
 Cable/Air Rotary  
 Cable/Fluid Rotary  
 Cable/Air Rotary/Fluid Rotary

30. Type of completion:  
 Open Hole  
 Through Casing  
 Slotted Liner

Elevation: Ground Level 895 Derrick Floor 903 Kelley Bushing 895 905

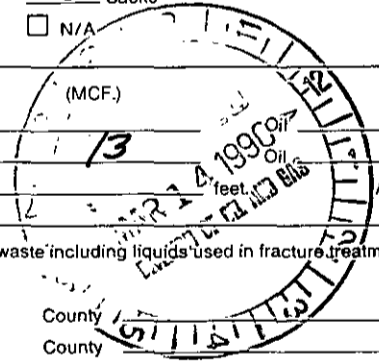
Perforated intervals & number of shots:

<u>4241 - 4263</u>	<u>11 shots</u>
<u>4276 - 4304</u>	<u>8 shots</u>

Method of shot, acid, or fracture treatments, production tests, pressures, etc.: Perforated with a .56" dia. strip jets. Fractured with 104,850 gal. H<sub>2</sub>O at an avg. pressure and rate of 2.009 psig and 33.4 BPM respectively. ISIP of 1387 psig, 5 min SIP of 1333 psig, 10 min. SIP of 1308 psig.

Mouse hole plugged:  Yes 5 Sacks  No  N/A  
 Rat hole plugged:  Yes 5 Sacks  No  N/A

Amount of initial production per day: (MCF.) (Bbls.)  
 Natural: Gas \_\_\_\_\_ Brine \_\_\_\_\_  
 After treatment: Gas \_\_\_\_\_ Brine \_\_\_\_\_  
 Lost Hole at \_\_\_\_\_ Additional Data: \_\_\_\_\_



Record of disposal of water and other waste including liquids used in fracture treatment:  
 1. \_\_\_\_\_ Annular Disposal  
 2. \_\_\_\_\_ Injection Well: County \_\_\_\_\_ Permit # \_\_\_\_\_  
 3. \_\_\_\_\_ Dust/Ice Control: County \_\_\_\_\_ Township or Municipality \_\_\_\_\_ Other \_\_\_\_\_  
 4. \_\_\_\_\_ Enhanced Recovery: County \_\_\_\_\_ Permit # \_\_\_\_\_

Brine Hauler(s):  
 Name(s) \_\_\_\_\_ Address(es) \_\_\_\_\_

6 and #37 must be completed if brine is hauled away from the site.)

Casing and tubing record: Please indicate which is used (cement or mudding)

Size	Feet Used in Drilling	Amount of Cement or Mud	Feet Left in Well
<u>8 5/8"</u>	<u>326'</u>	<u>175 sacks cement</u>	<u>all 335</u>
<u>4 1/2"</u>	<u>4487'</u>	<u>150 sacks cement</u>	<u>all</u>
<u>1 1/2"</u>	<u>4151'</u>	<u>none</u>	<u>all</u>

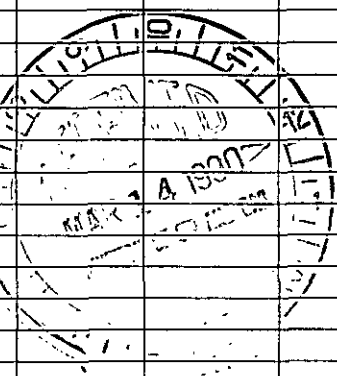
Comments: \_\_\_\_\_

Name of drilling contractor: Sherman Drilling Co.  
 Type of electrical and/or radioactivity logs run: (All logs must be submitted)  
Compensated Density - Neutron - and guard logs  
 Name of logging company: Perfection Service

PRODUCTION USE ONLY:  
 Log Submitted: Y/N Well Class: POOL A/D:  
 Additional Fee: Y/N

REQUIRED by Section 1509.10, Ohio Revised Code - Failure to submit may result in the assessment of criminal fines of not less than \$100.00 nor more than \$2,000.00 or civil penalties not more than \$4,000.00.  
 5607 (Rev. 2/85)

FORMATION	TOP	BASE	Shows of oil, gas, fresh water, or Brine — indicate depth or interval and amount	REMARKS
Fresh Water Strata				
Coal Seams				
1st Cow Run	321-6			
2nd Cow Run	324-1			
Maxton Sand	328-4			
Keener Sand	337-1			
Big Injun Sand	337-2			
Berea Sand	337-6			
Ohio Shale	341-1			
Big Lime	344-4	2429	4056	
Oriskany	347-2			
Salina	351-2	<del>3040</del>	<del>3650</del>	
Newburg	351-3			
Lockport	354-1			
Little Lime	354-3			
Packer Sheel	354-5	4178	4208	
Stray Clinton	357-2	<del>4226</del>	<del>4268</del>	
Red Clinton	357-3	<del>4275</del>	<del>4306</del>	
White Clinton	357-4	<del>4324</del>	<del>4337</del>	
Medina	357-7	4388	4397	
Queenston	361-3	<del>4397</del>		
Trenton Lime	364-3			
Black River	364-4			
Gull River	364-5			
Glenwood Shale	364-6			
Rose Run	367-3			
Trempealeau	371-2			
Mt. Simon	377-3			
Granite wash	400-1			
Granite	400-2			



I (We) certify that the above information is true and correct, to the best of my knowledge.

SIGNATURE *Robert S. Kleese*

DATE 11-29-89

NAME (TYPED OR PRINTED) Robert S. Kleese TITLE Partner

REPRESENTING Kleese Development Associates