

APPLICATION TO DRILL, RECOMPLETE OR REENTER

FORM 1000
REV. 2009

FILE ORIGINAL ONLY
PLEASE TYPE OR USE BLACK INK

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
JIM THORPE BUILDING
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(RULE 165:10-3-1)

BATCH NUMBER (OCC USE ONLY)

WALK THROUGH

1. OTC/OCC OPERATOR NUMBER
22299

2. API NUMBER

3. NOTICE OF INTENT TO: (CHECK ONLY ONE)
 DRILL RECOMPLETE REENTER DEEPEN AMEND - REASON
NOTE: ATTACH COPY OF 1002-A IF RECOMPLETION OR REENTRY.

4. TYPE OF DRILLING OPERATION >>>>>>> (NOTE: If directional or horizontal, see reverse side for bottom hole location)
A. STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE
B. OIL/GAS INJECTION DISPOSAL WATER SUPPLY STRAT TEST SERVICE WELL

6. LOCATE WELL AND OUTLINE LEASE OR SPACING UNIT IN INK.

5. WELL LOCATION:
SECTION **6** TOWNSHIP **17N** RANGE **4E** COUNTY **Payne**

SPOT LOCATION:
SE 1/4 | SE 1/4 | SW 1/4 | SE 1/4 SECTION LINES: **295' FSL** **1510' FEL**

7. Well will be **295** feet from nearest unit or property boundary.

8. LEASE NAME: **Louis** WELL NUMBER: **#6-3 SWD**

9. NAME OF OPERATOR **Calyx Energy LLC** EMAIL ADDRESS: **joel@uls-mail.com**

ADDRESS **10820 E 45th St, Ste 208** PHONE (AC/NUMBER) **918-949-4224**

CITY **Tulsa** STATE **OK** ZIP CODE **74146**

10. SURFACE OWNER (ONE ONLY, ATTACH SHEET FOR ADDITIONAL OWNERS)
Louis A. Williams

ADDRESS **5913 W 9th Street**

CITY **Cushing** STATE **OK** ZIP CODE **74023**

14. LIST TARGET FORMATIONS AND DEPTHS OF EACH BELOW (LIMITED TO TEN)

1)	Arbuckle (4550')	6)
2)		7)
3)		8)
4)		9)
5)		10)

15. SPACING ORDER NUMBER(S) AND SIZE UNIT(S): **N/A**

16. PENDING APPLICATION C.D. NO. 17. LOCATION EXCEPTION ORDER NO. 18. INCREASED DENSITY ORDER NO.

19. TOTAL DEPTH **6200'** 20. GROUND ELEV. **850** 21. BASE OF TREATABLE WATER **80** 22. SURFACE CASING **130** 23. ALT CASING PROG USED? **Y X N**

24. ALTERNATIVE CASING PROCEDURE, check box and fill in blank (AFFIDAVIT REQUIRED, see reverse side, line 31.)

A. Cement will be circulated from total depth to ground surface on the production casing string.

B. Cement will be circulated from _____ depth to _____ depth by use of a two stage cementing tool.

25.1. PIT INFORMATION: Using more than one pit or mud system? **Y X N** If yes, fill out line 25.2 on top reverse side.

A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)

B. EXPECTED MUD CHLORIDE CONTENT: maximum: **15000** ppm; average: **7500** ppm.

PIT #1 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location: _____

D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? **X Y N**

E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? **Y X N** Off-Site Pit No. _____

F. WELLHEAD PROTECTION AREA? **Y X N**

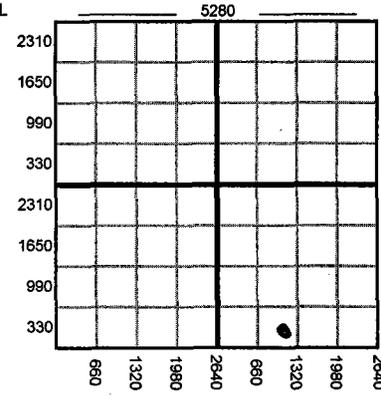
26.1 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C
B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A. Frm: _____
C. Special area or field rule? D. DEEP SCA? Y N E. CBL required? Y N
F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRED? Y N

27. PROPOSED METHOD FOR DISPOSAL OF DRILLING FLUIDS (MUST BE COMPLETED)
 A. Evaporation/dewater and backfilling of reserve pit.
 B. Solidification of pit contents.
 C. Annular Injection (REQUIRES PERMIT and surface casing set 200 feet below base of treatable water-bearing formation.) PERMIT NO. _____
 D. One time land application (REQUIRES PERMIT) PERMIT NO. **13-22649**
 E. Haul to Commercial pit facility; Specify site: _____ Order No. _____
 F. Haul to Commercial soil farming facility; Specify site: _____ Order No. _____
 G. Haul to recycling/re-use facility; Specify site: _____ Order No. _____
 H. Other, Specify: **Closed System**

I hereby certify I am authorized to submit this two page application 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.

SIGNATURE *Joel M Johnson* NAME (Print or Type) **Joel M. Johnson** PHONE (AC/NO.) **918-671-0958** FAX **918-748-0446** DATE **4/15/2013**

NOTICE: Approval is void if operations have not commenced within six months of the date of approval. An approved permit must be posted at the location during drilling and completion operations.
File the Form 1001A, Spud Report, within fourteen days of commencement of operations.



SEC 6
TOWNSHIP 17N
WELL NAME Louis
RANGE 4E
6-3SWD

NOTIFY DISTRICT OFFICE 24 HOURS PRIOR TO CEMENTING SURFACE CASING.

25.2. PIT INFORMATION:

- A. TYPE OF MUD SYSTEM: WATER BASED OIL BASED GAS BASED (AIR DRILL)
 B. EXPECTED MUD CHLORIDE CONTENT: maximum: _____ ppm; average: _____ ppm.
 PIT #2 C. TYPE OF PIT SYSTEM: on-site off-site closed If off-site, specify location: _____
 D. IS DEPTH TO TOP OF GROUND WATER GREATER THAN 10 FT BELOW BASE OF PIT? Y N
 E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N
 F. WELLHEAD PROTECTION AREA? Y N Off-Site Pit No. _____

26.2 OCC USE ONLY A. CATEGORY 1A 1B 2 3 4 C Fm: _____
 B. PIT LOCATION: Alluvial Plain Terrace Deposit Bedrock Aquifer Other H.S.A. Non-H.S.A.
 C. Special area or field rule? _____ D. DEEP SCA? Y N E. CBL? Y N
 F. SOIL COMPACTED LINER REQUIRED? Y N G. 20 mil GEOMEMBRANE LINER REQUIRI Y N

29 Bottom Hole Location SEC _____ TWP _____ RGE _____ COUNTY _____
 for Directional Hole:
 SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Measured Total Depth _____ True Vertical Depth _____ BHL from nearest Lease, Unit, Or Property Line: _____

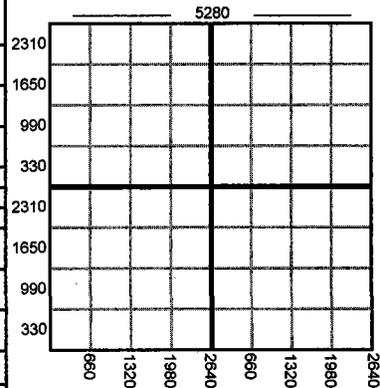
30. Bottom Hole Location for Horizontal Hole: (LATERALS)

LATERAL #1: SEC _____ TWP _____ RGE _____ COUNTY _____
 SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Depth of Deviation _____ Radius of Turn _____ Direction _____ Total Length _____
 Measured Total Depth _____ True Vertical Depth _____ End Point location from nearest lease, unit or property line: _____

LATERAL #2: SEC _____ TWP _____ RGE _____ COUNTY _____
 SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Depth of Deviation _____ Radius of Turn _____ Direction _____ Total Length _____
 Measured Total Depth _____ True Vertical Depth _____ End Point location from nearest lease, unit or property line: _____

LATERAL #3: SEC _____ TWP _____ RGE _____ COUNTY _____
 SPOT LOCATION: 1/4 _____ 1/4 _____ 1/4 _____ FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:
 Depth of Deviation _____ Radius of Turn _____ Direction _____ Total Length _____
 Measured Total Depth _____ True Vertical Depth _____ End Point location from nearest lease, unit or property line: _____

28. Locate Bottom Hole



1. If more than two drainholes are proposed, attach separate sheet indicating the necessary information.
2. Direction must be stated in degrees azimuth.
3. Please note the horizontal drainhole and its end point must be located within the legal boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.

31. AFFIDAVIT FOR ALTERNATIVE CASING PROGRAM

(Signature on front of this form attests to this affidavit)

1. This well WILL WILL NOT penetrate any known lost circulation zones.
2. During the drilling of this well, withdrawals from any water well within 1/4 mile WILL WILL NOT exceed 50 gallons per minute.
3. The projected depth of the well IS IS NOT less than 100 feet from the top of any enhanced recovery project or gas storage facility.
4. List the following for all water wells within 1/4 mile of this well. (Information concerning some water wells may be obtained from the OKLAHOMA WATER RESOURCES BOARD, 3800 N. Classen Blvd., Oklahoma City, OK 73118). IF NO WATER WELLS FOUND, SO STATE. (ATTACH ADDITIONAL SHEET IF NECESSARY)

Name of Owner/Operator	Address of Owner/Operator	Location (Nearest 1/4 1/4 1/4 1/4)	Depth of Well

5. A cement bond log is required to be run and submitted from not less than 100 feet below the base of the treatable water-bearing formation to the surface. **OCC USE ONLY**
6. If casing depth is more than 250 feet deeper than base of the treatable water-bearing formation, operator must submit a letter of request listing reasons and precautions to be taken.

INTENT TO DRILL CHECKLIST

OCC USE ONLY

OCC USE ONLY

APPROVED _____ REJECTED _____

1. SURETY

- A. NONE filed.
- B. EXPIRED: Date 3-20-14
- C. OUTSTANDING CONTEMPT ORDER.

4. GEOLOGY

DO NOT WRITE INSIDE THIS BOX

Date: 04/16/2013 Time: 10:52
 Case: 000000000 Cashier: QSN
 Payer: UNIVERSAL LAND \$500.00
 Check: 4543
 45 Emerg Walk Thru LTD

OKLA CORP COM#
 RECEIPT 1305860059