

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

API NUMBER: 083 24310

Approval Date: 06/24/2014
Expiration Date: 12/24/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 17N Rge: 4W County: LOGAN
SPOT LOCATION: SE SE SW SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 216 1207

Lease Name: ANDERSON 17-4-27 Well No: 1 HM Well will be 216 feet from nearest unit or lease boundary.

Operator Name: SUNDANCE ENERGY OKLAHOMA LLC dba SEO LLC Telephone: 3034070471 OTC/OCC Number: 22918 0

SUNDANCE ENERGY OKLAHOMA LLC dba SEO LLC
633 17TH ST STE 1950
DENVER , CO 80202-3620

EMMITT J BRANSON
13520 WEST COUNTY ROAD 75
CRESCENT OK 73028

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	5980	6	
2	WOODFORD	6130	7	
3	MISENER-HUNTON	6280	8	
4			9	
5			10	

Spacing Orders: 201404229

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201404230

Special Orders:

Total Depth: 10900

Ground Elevation: 1090

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-27535

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 27 Twp 17N Rge 4W County LOGAN

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 5400

Radius of Turn: 712

Direction: 1

Total Length: 4900

Measured Total Depth: 10900

True Vertical Depth: 6280

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category	Description
PENDING CD - 201404229	6/16/2014 - G72 - (640 HORZ) 27-17N-04W (E.O.) EXT 609306 OSWG, MSSLM, WDFD, MSRH; COEXIST 140842 W2 SEC 27; COEXIST W/ UNSPACED UNITS; SUPERSEDE EXISTING NONDEV NONHORZ UNITS; REC 6/19/2014 (NORRIS)
PENDING CD- 201404230	6/16/2014 - G72 - 27-17N-04W (E.O.) X 201404229 MSSLM, WDFD, MSRH; COMP INT. NCT 150 FNL NCT 150 FSL NCT 330 FEL; NO OPER NAMED; REC 6/19/2014 (NORRIS)
SURFACE CASING	6/17/2014 - G71 - MIN. 500' PER ORDER 66227

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

083 24310 ANDERSON 17-4-27 1 HM

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
22918

2. API NUMBER
083-24310

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	22	TOWNSHIP	17N	RANGE	4W	COUNTY	Logan
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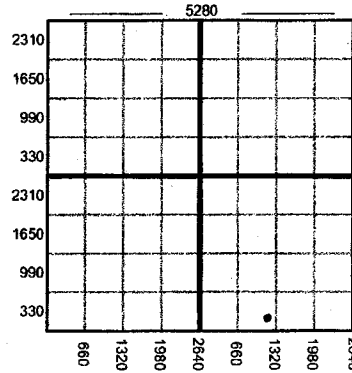
SPOT LOCATION:
SE 1/4 | SE 1/4 | SW 1/4 | SE 1/4
FEET FROM QUARTER from SOUTH LINE from WEST LINE
SECTION LINES: 216' 1207'

7. Well will be 216' feet from nearest unit or property boundary.

8. LEASE NAME: Anderson 17-4-27 WELL NUMBER: 1 HM

9. NAME OF OPERATOR: Sundance Energy Oklahoma, LLC, DBA SEO, LLC EMAIL ADDRESS: j.nondorf@sundanceenergy.net
ADDRESS: 13524 Railway Drive - Suite E PHONE (AC/NUMBER): 405-752-1800
CITY: Oklahoma City STATE: OK ZIP CODE: 73114

10. SURFACE OWNER (ONE ONLY, ATTACH SHEET FOR ADDITIONAL OWNERS): Emmitt J. Branson
ADDRESS: 13520 W. County Road 75
CITY: Crescent STATE: OK ZIP CODE: 73028



11. Is well located on lands under federal jurisdiction? Y N

12. Will a water well be drilled? Y N
Will surface water be used? Y N

13. Date Operation to Begin: 6/17/2014

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

1)		6)
2)	Mississippi Lime	5980'
3)	Woodford	6130'
4)	Misener-Hunton	6280'
5)		10)

TEMPORARY AUTHORIZATION TO DRILL

Expiration Date: 6-24-14
Signature: R. Nondorf
165:10-3-1.1

SEC 22
TOWNSHIP 17N
RANGE 4W
WELL NAME Anderson 17-4-27 1HM

15. SPACING ORDER NUMBER(S) AND SIZE UNIT(S): C.D. 201404229

16. PENDING APPLICATION C.D. NO. C.D. 201404230

17. LOCATION EXCEPTION ORDER NO.

18. INCREASED DENSITY ORDER NO.

19. TOTAL DEPTH 10,900' 20. GROUND ELEV. 1090' 21. BASE OF TREATABLE WATER 420' 22. SURFACE CASING 500' 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 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: 5,000 ppm; average: _____ 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? Y N
E. WITHIN 1 MILE OF MUNICIPAL WATER WELL? Y N Off-Site Pit No. _____
F. WELLHEAD PROTECTION AREA? Y 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. Fm: Terrace
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. 27535
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 = steel pits per operator request

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: Jim Nondorf NAME (Print or Type) Jim Nondorf PHONE (AC/NO.) 405-752-1800 FAX DATE 6/16/2014

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.

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 REQUIRE Y N

29 Bottom Hole Location for Directional Hole:
 SEC TWP RGE COUNTY

SPOT LOCATION:
 1/4 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 27 TWP 17N RGE 4W COUNTY Logan
 SPOT LOCATION: 1/4 3/2 1/4 9/2 1/4 SE 1/4 SE 1/4 FEET FROM QUARTER from SOUTH LINE 165' from WEST LINE 1980'
 SECTION LINES:

Depth of Deviation 5400' Radius of Turn 712' Direction 1 Total Length 4900'

Measured Total Depth 10,900' True Vertical Depth 6280' End Point location from nearest lease, unit or property line: 165'

LATERAL #2: SEC TWP RGE COUNTY
 SPOT LOCATION: 1/4 1/4 1/4 1/4 FEET FROM QUARTER from SOUTH LINE from WEST LINE
 SECTION LINES:

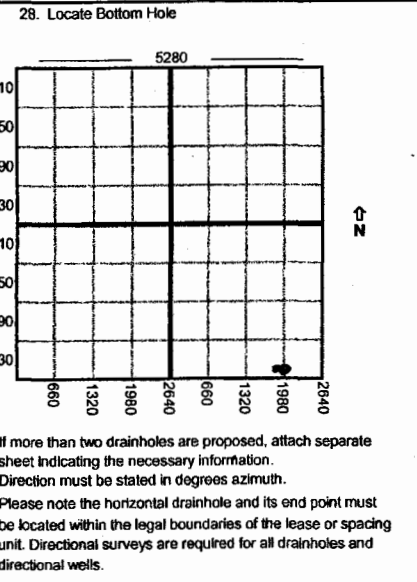
Depth of Deviation Radius of Turn Direction Total Length

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 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:



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
 C. OUTSTANDING CONTEMPT ORDER.

4. GEOLOGY

DO NOT WRITE INSIDE THIS BOX

RECEIPT 1409090937
 OKLA CORP COMM
 Date: 06/16/2014 Time: 15:11
 Case: 000000000 Cashier: RBS
 Payor: SUNSHINE ENERGY
 Check: 39342 \$500.00
 45 Emerg Walk Thru ITD