

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

API NUMBER: 073 26205

Approval Date: 08/10/2018  
Expiration Date: 02/10/2019

Horizontal Hole Stratigraphic Test

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 15N Rge: 8W County: KINGFISHER  
SPOT LOCATION:  NW  NE  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 200 2150

Lease Name: NANCY Well No: 2-36 1508WH Well will be 200 feet from nearest unit or lease boundary.  
Operator Name: TRIUMPH ENERGY PARTNERS LLC Telephone: 9189868266 OTC/OCC Number: 23826 0

TRIUMPH ENERGY PARTNERS LLC  
8908 S YALE AVE STE 250  
TULSA, OK 74137-3557

ROBERT F AND SANDRA KAY MUEGGENBORG  
601 ANNETTE DRIVE  
OKARCHE OK 73762

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN (LESS CHESTER)	8813	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201705108  
201803365  
201804499

Special Orders:

Total Depth: 13457 Ground Elevation: 1186 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 400

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35032

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 36 Twp 15N Rge 8W County KINGFISHER

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2250

Depth of Deviation: 7813

Radius of Turn: 440

Direction: 178

Total Length: 4953

Measured Total Depth: 13457

True Vertical Depth: 8813

End Point Location from Lease,  
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

8/6/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

INTERMEDIATE CASING

8/6/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

8/6/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING

8/10/2018 - G58 - NA - STRAT TEST

STRATIGRAPHIC TEST

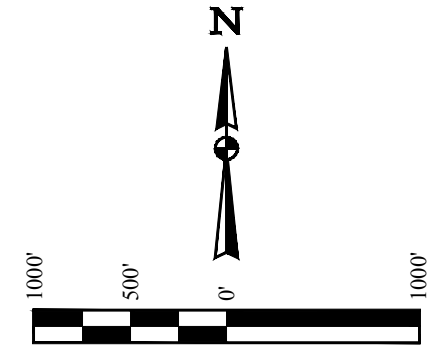
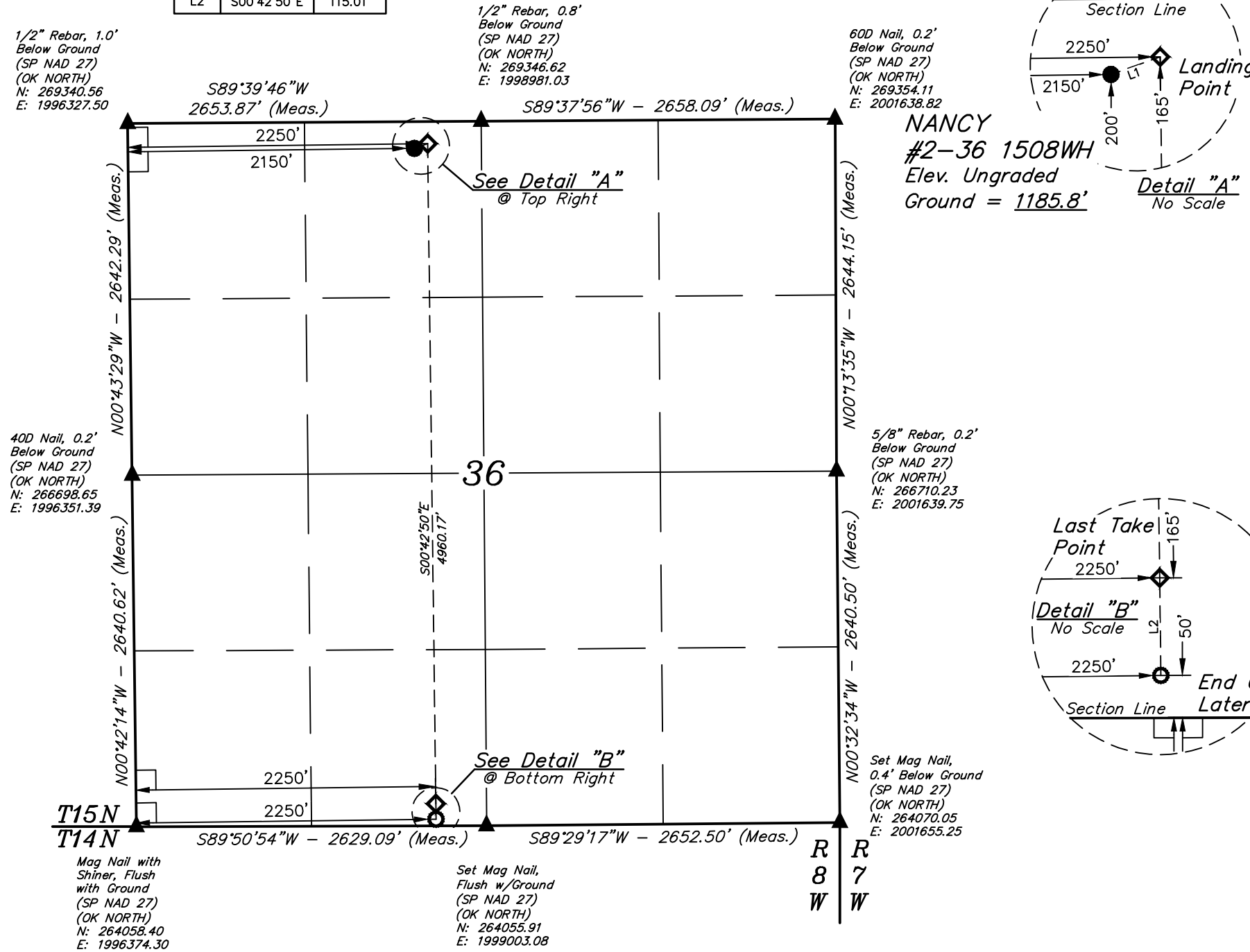
8/10/2018 - G58 - THIS WELL HAS BEEN APPROVED AS A VERTICAL STRATIGRAPHIC TEST WITH THE INTENT TO SET SURFACE CASING ONLY. OPERATOR WILL FILE AN AMENDED FORM 1000 CHANGING THE TYPE OF DRILLING OPERATION AT A LATER DATE.

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.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N70°20'10"E	105.68'
L2	S00°42'50"E	115.01'



NAD 83 (SURFACE LOCATION)		NAD 83 (END OF LATERAL)	
LATITUDE = 35°44'21.99"	(35.739440)	LATITUDE = 35°43'32.15"	(35.725597)
LONGITUDE = 98°00'19.64"	(98.005455)	LONGITUDE = 98°00'17.88"	(98.004967)
NAD 27 (SURFACE LOCATION)		NAD 27 (END OF LATERAL)	
LATITUDE = 35°44'21.82"	(35.739395)	LATITUDE = 35°43'31.98"	(35.725551)
LONGITUDE = 98°00'18.45"	(98.005125)	LONGITUDE = 98°00'16.69"	(98.004637)
STATE PLANE NAD 83 (OK. NORTH)		STATE PLANE NAD 83 (OK. NORTH)	
N: 269169.27	E: 1966880.96	N: 264130.02	E: 1967025.57
STATE PLANE NAD 27 (OK. NORTH)		STATE PLANE NAD 27 (OK. NORTH)	
N: 269145.52	E: 1998479.13	N: 264106.26	E: 1998623.70

CERTIFICATION OF PROFESSIONAL LAND SURVEYOR

THIS IS TO CERTIFY THAT THE ABOVE DATA WAS PREPARED FROM THE NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT BEAROE  
JUSTIN BEAROE  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 1822  
STATE OF OKLAHOMA  
07-10-18

- LEGEND:
- └─┘ = 90° SYMBOL
  - = PROPOSED WELLHEAD.
  - ◆ = LANDING/LAST TAKE POINT.
  - = END OF LATERAL.
  - ▲ = SECTION CORNERS LOCATED. (NAD 83)

**UINTEAH**  
ENGINEERING & LAND SURVEYING

**UELS, LLC**  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

SURVEYED BY	B.L., J.P.	06-27-18	SCALE
DRAWN BY	C.IVIE	07-10-18	1" = 1000'

**WELL LOCATION PLAT**