

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

API NUMBER: 039 22545

Approval Date: 07/13/2018

Expiration Date: 01/13/2019

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 14N Rge: 14W

County: CUSTER

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 2467 650

Lease Name: SPANISH CASTLE MAGIC

Well No: 1HX-0916

Well will be 650 feet from nearest unit or lease boundary.

Operator Name: MEP OPERATING LLC

Telephone: 7134521661

OTC/OCC Number: 24146 0

MEP OPERATING LLC
333 CLAY ST STE 2800
HOUSTON, TX 77002-4168

JONI & EDITH MAE LIVING TRUST
109 MADISON
HUNTSVILLE AR 72740

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	13514	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803909
201803538
201803910
201803912

Special Orders:

Total Depth: 21850

Ground Elevation: 1736

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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

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

PERMIT NO: 18-34922

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 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

HORIZONTAL HOLE 1

Sec 16 Twp 14N Rge 14W County CUSTER

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 360

Depth of Deviation: 13204

Radius of Turn: 382

Direction: 175

Total Length: 8046

Measured Total Depth: 21850

True Vertical Depth: 13730

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

Notes:

Category

Description

DEEP SURFACE CASING

7/5/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

7/5/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

7/5/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201803538

7/13/2018 - G75 - (640) 16-14N-14W
VAC 121743 CSTR
EST OTHER
EXT 99558 MSSP
REC 6-5-2018 (JACKSON)

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

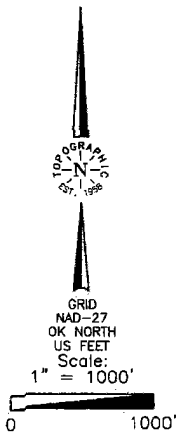
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

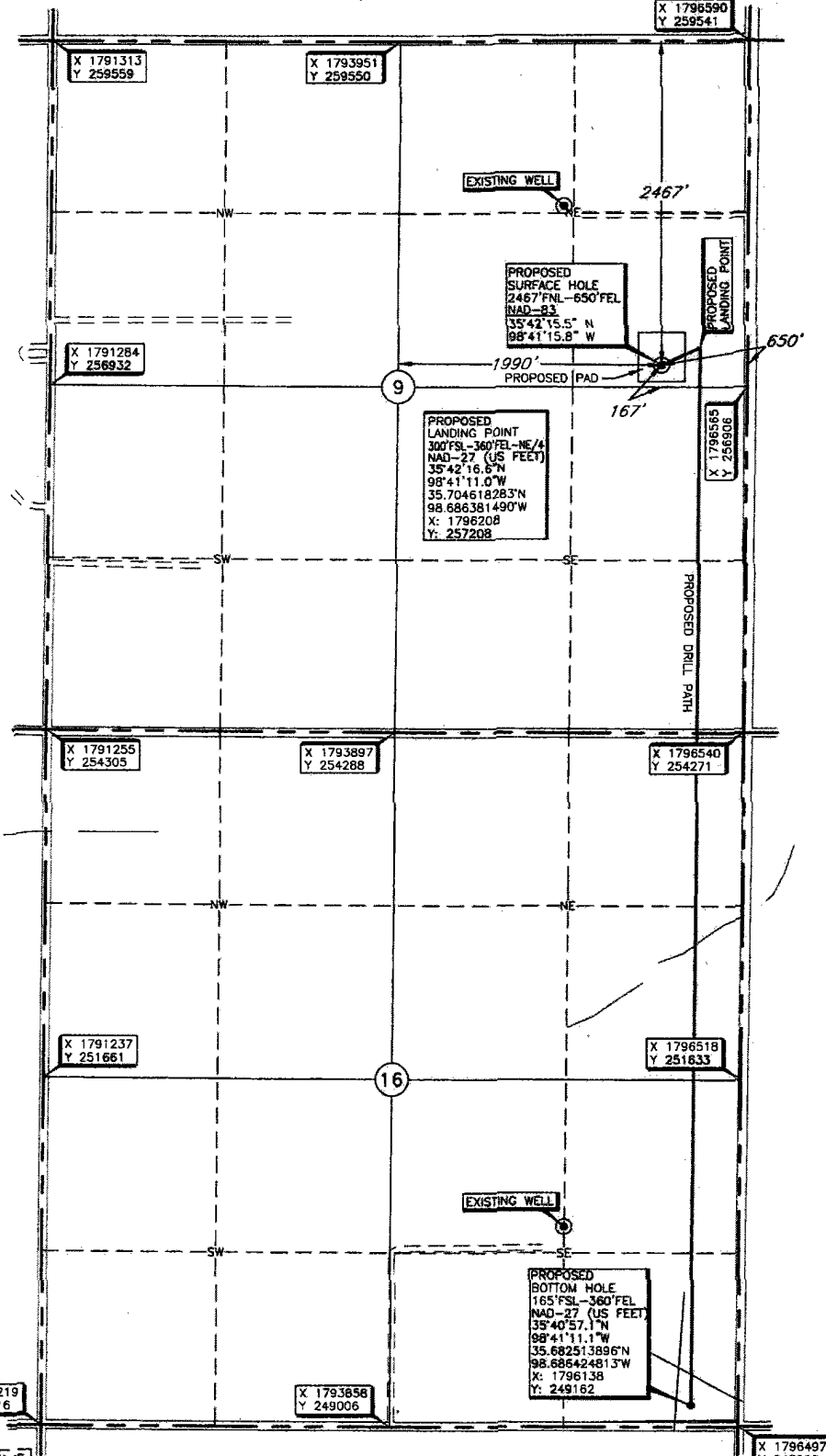
039 22545 SPANISH CASTLE MAGIC 1HX-0916

Category	Description
PENDING CD - 201803909	7/13/2018 - G75 - (640)(HOR) 9-14N-14W VAC 121743 CSTR EST MSSP, OTHER COMPL. INT. NCT 660' FB REC 6-28-2018 (THOMAS)
PENDING CD - 201803910	7/13/2018 - G75 - (I.O.) 9 & 16-14N-14W EST MULTIUNIT HORIZONTAL WELL X201803909 MSSP, OTHER 9-14N-14W X201803538 MSSP, OTHER 16-14N-14W 35% 9-14N-14W 65% 16-14N-14W MILLENNIAL ENERGY PARTNERS ** REC 6-28-2018 (THOMAS) ** S/B MEP OPERATING LLC; TO BE CORRECTED AT HEARING FOR FINAL ORDER PER ATTORNEY FOR OPERATOR
PENDING CD - 201803912	7/13/2018 - G75 - (I.O.) 9 & 16-14N-14W X201803909 MSSP, OTHER 9-14N-14W X201803538 MSSP, OTHER 16-14N-14W COMPL. INT. (9-14N-14W) NCT 2640' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (16-14N-14W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL NO OP. NAMED REC 6-28-2018 (THOMAS)
SURFACE CASING	7/5/2018 - G71 - MIN. 500' PER ORDER # 42589

CUSTER County, Oklahoma
 2467' FNL - 650' FEL Section 9 Township 14N Range 14W I.M.



LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY TRES MANAGEMENT, NOT SURVEYED.



Operator: MEP OPERATING, LLC.
 Lease Name: SPANISH CASTLE, MAGIC
 Topography & Vegetation Loc. fell in plowed field, ±284' SW of N-S Pipeline, ±241' NE of N-S Pipeline
 Good Drill Site? Yes
 Best Accessibility to Location From East off county road
 Distance & Direction from Hwy Jct or Town From the junction of St. Hwy 54 N-S & St. Hwy 33 in Thomas, Oklahoma, go ± 3.0 miles South on St. Hwy 54, then ± 3 miles East, then ±0.5 miles South to the East Quarter Corner of Section 9, T14N-R14W.
 Reference Stakes or Alternate Location
 Stakes Set None
 Well No.: 1HX-0916
 ELEVATION:
 1737' Gr. at Stake (NAVD83)
 1736' Gr. at Stake (NGVD29)

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

DATUM: NAD-27
 LAT: 35°42'15.3" N
 LONG: 98°41'14.5" W
 LAT: 35.704251068° N
 LONG: 98.687361571° W
 STATE PLANE COORDINATES (US FEET):
 ZONE: OK NORTH
 X: 1795916
 Y: 257076

Revision A Date of Drawing: Jun. 29, 2018
 Invoice # 297413 Date Staked: Jun. 27, 2018 JP/TR

CERTIFICATE:
 I, T. Wayne Fisch an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

T. Wayne Fisch
 Oklahoma Lic. No. 1378

