

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

API NUMBER: 049 24855 A

Approval Date: 04/09/2018
Expiration Date: 10/09/2018

Directional Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 06 Twp: 1N Rge: 2W

County: GARVIN

SPOT LOCATION: SE NE NW SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2050 1200

Lease Name: MARY BETH

Well No: 1-6

Well will be 590 feet from nearest unit or lease boundary.

Operator Name: CIMAREX ENERGY CO

Telephone: 9185851100

OTC/OCC Number: 21194 0

CIMAREX ENERGY CO
202 S CHEYENNE AVE STE 1000
TULSA, OK 74103-3001

DON MEINDERS
104 HIGHLAND ROAD
PAULS VALLEY OK 73075

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

	Name	Depth	Name	Depth
1	SYCAMORE	8740	6	
2	WOODFORD	9036	7	
3	HUNTON	9277	8	
4			9	
5			10	

Spacing Orders: 170515
140651

Location Exception Orders: 591030

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 11416

Ground Elevation: 986

Surface Casing: 1505 IP

Depth to base of Treatable Water-Bearing FM: 870

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

DIRECTIONAL HOLE 1

Sec 06 Twp 1N Rge 2W County GARVIN

Spot Location of End Point: NW SE NW SW

Feet From: SOUTH 1/4 Section Line: 1712

Feet From: WEST 1/4 Section Line: 866

Measured Total Depth: 11416

True Vertical Depth: 11399

End Point Location from Lease,

Unit, or Property Line: 392

Notes:

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.

Category	Description
BOTTOM-HOLE LOCATION	4/5/2018 - G75 - STEERING TOOLS REMOVED AT 10,197' AND WELL DRILLED TO 11,416' AS VERTICAL PER FINAL ORDER LOCATION EXCEPTION # 591030
HYDRAULIC FRACTURING	4/6/2018 - G75 - 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
LOCATION EXCEPTION - 591030	4/5/2018 - G75 - (F.O.) N2 SW4 6-1N-2W X140651/170515 SCMR, WDFD, HNTN XOTHERS SHL 590' FNL, 1200' FWL ENTRY SCMR 395' FSL, 851' FWL EXIT SCMR 393' FSL, 858' FWL ENTRY WDFD 393' FSL, 858' FWL EXIT WDFD 393' FSL, 859' FWL ENTRY HNTN 393' FSL, 859' FWL EXIT HNTN 393' FSL, 859' FWL BHL 392' FSL, 866' FWL CIMAREX ENERGY CO. 11-15-2011 (WELL SPUD 7-14-2011)
SPACING - 140651	4/5/2018 - G75 - (80) S2 6-1N-2W SU NW/SE EXT 109031 SCMR EST WDFD, HNTN
SPACING - 170515	4/5/2018 - G75 - (80) S2 6-1N-2W AMD 109031/140651 SCMR, WDFD, HNTN TO LD NE/SW
SURFACE LOCATION	4/5/2018 - G75 - 2050' FSL, 590' FNL, 1200' FWL, 1427' FEL SW4 6-1N-2W PER STAKING PLAT

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

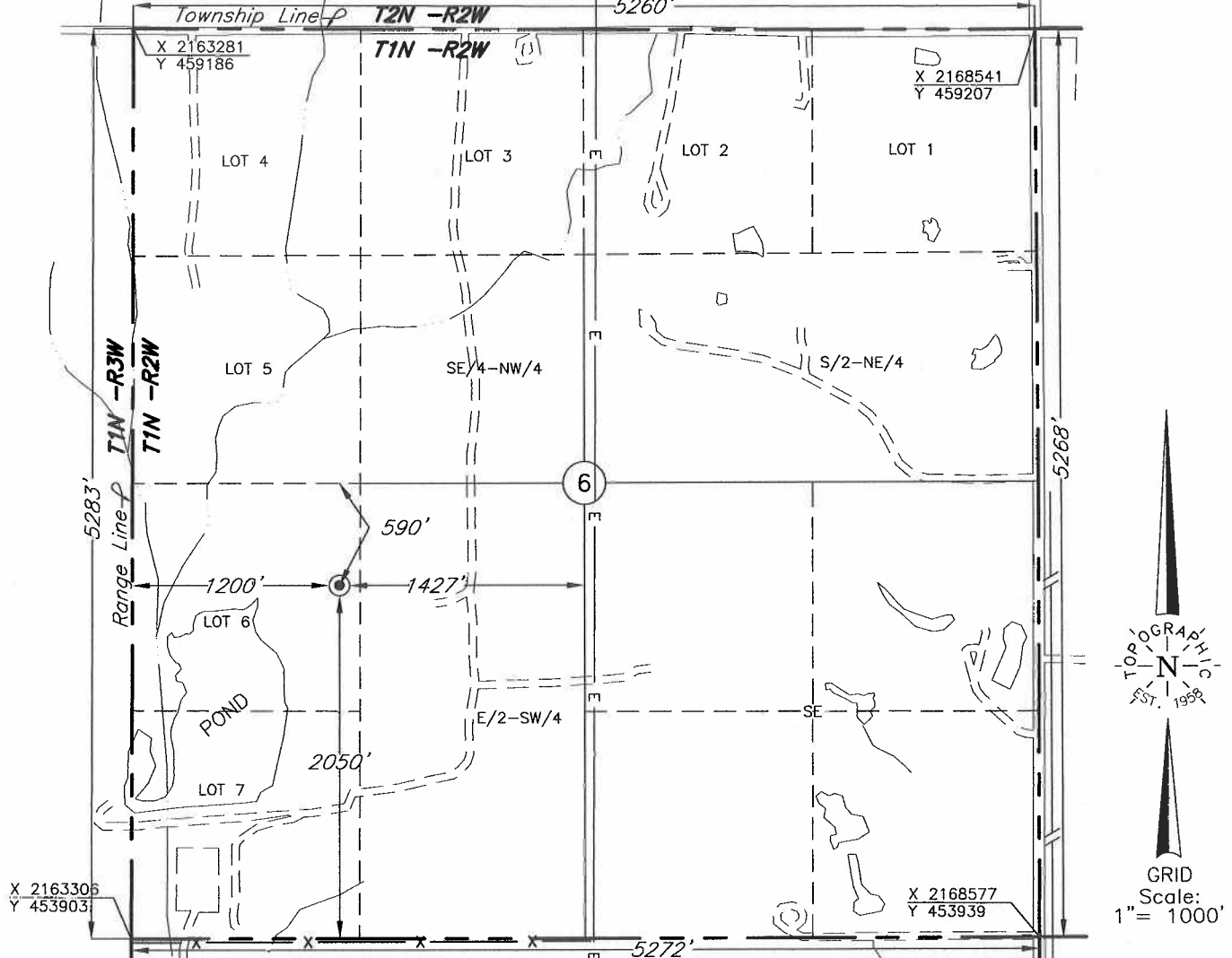
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293.

GARVIN

County, Oklahoma

API 049-24855 A

2050'FSL - 1200'FWL Section 6 Township 1N Range 2W I.M. 5260'



This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed. Review this plat and notify us immediately of any possible discrepancy.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have not been measured.

Operator: CIMAREX ENERGY CO.

Lease Name: MARY BETH

Well No.: 1-6

ELEVATION:
986' Gr. at Stake

Topography & Vegetation Loc. fell in brushy pasture, 175' East of fence

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North on trail

Distance & Direction from Hwy Jct or Town From Jct. St. Hwy. 74 and St. Hwy. 29, go 2.5 mi. West on St.

Hwy. 29, then 2.0 mi. South on paved road to the NE Cor. of Sec. 6-T1N-R2W

(The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.)

GPS
 DATUM: NAD-27
 LAT: 34°35'06.2"N
 LONG: 97°27'12.5"W

STATE PLANE
 COORDINATES:
 ZONE: OK SOUTH
 X: 2164496
 Y: 455962

Date of Drawing: Apr. 14, 2011
 Invoice # 166587 Date Staked: Apr. 04, 2011 AC

CERTIFICATE:

I, Virgil R. Rogers a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Virgil R. Rogers
 Oklahoma Reg. No. 569

