FORM 3

AMENDED REPORT ☐

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Horse Bench 4-19D-12-17

2. TYPE OF WORK
DRILL NEW WELL ■ REENTER P&A WELL ☐ DEEPEN WELL ☐

3. FIELD OR WILDCAT
WILDCAT

4. TYPE OF WELL
Gas Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
XTO ENERGY INC

7. OPERATOR PHONE
303 397-3727

8. ADDRESS OF OPERATOR
PO Box 6501, Englewood, CO, 80155

9. OPERATOR E-MAIL
Kelly_Kardos@xtoenergy.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU88626 & UTU88629

11. MINERAL OWNERSHIP
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

12. SURFACE OWNERSHIP
FEDERAL ■ INDIAN ☐ STATE ☐ FEE ☐

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ☐ (Submit Commingling Application) NO ■

19. SLANT
VERTICAL ☐ DIRECTIONAL ■ HORIZONTAL ☐

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1210 FNL 1801 FEL	NWNE	24	12.0 S	16.0 E	S
Top of Uppermost Producing Zone	660 FNL 660 FWL	NWNW	19	12.0 S	17.0 E	S
At Total Depth	660 FNL 660 FWL	NWNW	19	12.0 S	17.0 E	S

21. COUNTY
CARBON

22. DISTANCE TO NEAREST LEASE LINE (Feet)
660

23. NUMBER OF ACRES IN DRILLING UNIT
160

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
10

26. PROPOSED DEPTH
MD: 10374 TVD: 9337

27. ELEVATION - GROUND LEVEL
6858

28. BOND NUMBER
UTB000138

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
See SUPO ITEM 5

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	9.625	0 - 1000	36.0	J-55 LT&C	9.5	50/50 Poz	159	2.85	11.5
							Class G	150	1.15	15.8
Prod	7.875	5.5	0 - 10374	17.0	P-110 LT&C	9.5	Class G	224	1.87	12.0
							Class G	894	1.57	14.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ✔ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ✔ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ✔ TOPOGRAPHICAL MAP

NAME Kelly Kardos | **TITLE** Permitting Supervisor | **PHONE** 303-397-3727

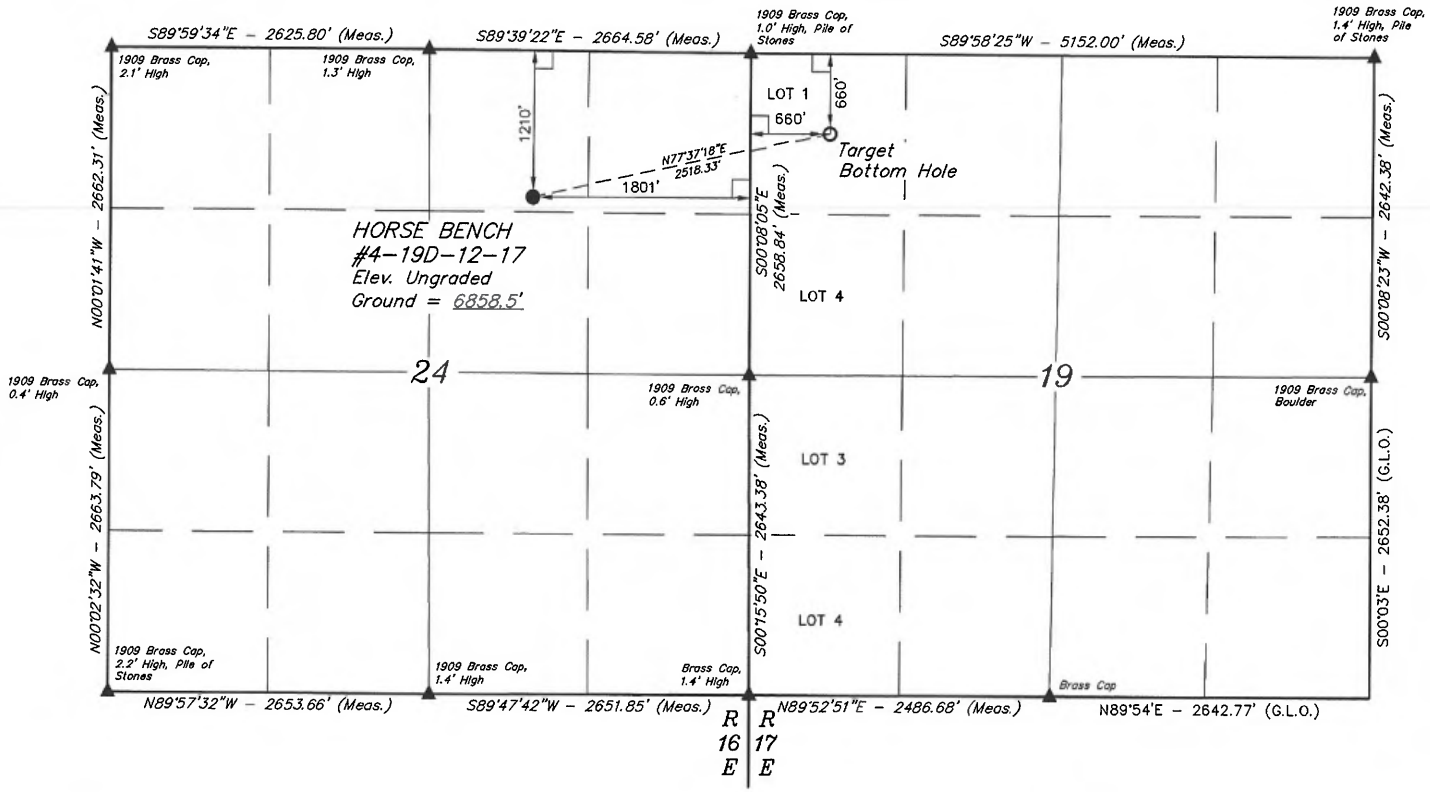
SIGNATURE | **DATE** 09/18/2014 | **EMAIL** Kelly_Kardos@xtoenergy.com

API NUMBER ASSIGNED
43007503980000

APPROVAL

Permit Manager

T12S, R16E, S.L.B.&M.



XTO ENERGY, INC.

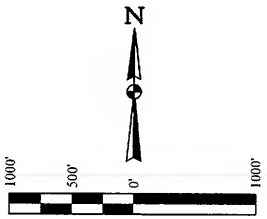
HORSE BENCH #4-19D-12-17
NW 1/4 NE 1/4, SECTION 24, T12S, R16E, S.L.B.&M.
CARBON COUNTY, UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OSERVATION

BASIS OF ELEVATION

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

ROBERT L. ... REGISTERED LAND SURVEYOR UTAH

LEGEND:

- ⌊ = 90° SYMBOL
- ● = PROPOSED WELLHEAD.
- ○ = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°45'53.02" (39.764728)	LATITUDE = 39°45'47.71" (39.763253)
LONGITUDE = 110°03'40.46" (110.061239)	LONGITUDE = 110°04'11.95" (110.069986)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 39°45'53.14" (39.764761)	LATITUDE = 39°45'47.84" (39.763288)
LONGITUDE = 110°03'37.91" (110.060531)	LONGITUDE = 110°04'09.41" (110.069281)

UINTAH ENGINEERING & LAND SURVEYING

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

SURVEYED BY: B.H., T.M.	SURVEY DATE: 05-28-14
DRAWN BY: C.D.	DATE DRAWN: 06-05-14
SCALE: 1" = 1000'	REVISED: 08-14-14 T.T.

WELL LOCATION PLAT