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

FORM 3

AMENDED REPORT ☑
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: Fee
6. SURFACE: Fee

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑

8. UNIT or CA AGREEMENT NAME: N/A

2. NAME OF OPERATOR: CTD, Inc.

9. WELL NAME and NUMBER: McKinnon 33-32-11-7

3. ADDRESS OF OPERATOR: #334 3355 North Five Mile Rd CITY Boise STATE ID ZIP 83713-3925
PHONE NUMBER: (208) 376-7686

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2566' FSL, 2568' FEL 485194 X 41.650815
AT PROPOSED PRODUCING ZONE: same 4610810 Y -111.177803

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 32 11N 7E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 1.3 miles southeast of the town of Randolph, UT.

12. COUNTY: Rich
13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 450'
16. NUMBER OF ACRES IN LEASE: 822.75
17. NUMBER OF ACRES ASSIGNED TO THIS WELL:

18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): N/A
19. PROPOSED DEPTH: 9,600
20. BOND DESCRIPTION: Surety F20894

21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6267' ungraded ground
22. APPROXIMATE DATE WORK WILL START: 4/1/2010
23. ESTIMATED DURATION: 45 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
24"	16"			60	grout to surface			
12 1/4"	9 5/8"	J or K-55	36#	2,500	Varicem Cmt (lead)	430 sx	2.94 ft3/sk	11.5 ppg
					Varicem Cmt (tail)	185 sx	1.8 ft3/sk	13.5 ppg
8 3/4"	5 1/2"	P-110	20#	9,545	Extendacem (lead)	570 sx	2.63 ft3/sk	11.5 ppg
					Econocem (tail)	540 sx	1.49 ft3/sk	13.5 ppg

25. **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
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER
☑ BLA

NAME (PLEASE PRINT) Carol Davis TITLE President

SIGNATURE Carol Davis Digitally signed by Carol Davis DN: cn=Carol Davis, o=CTD Inc, ou=, email=carol@ctdinc@speedy.com, c=US Date: 2009.12.17 10:25:51 -07'00' DATE 12/17/09

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
DEC 17 2009
DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-033-30071

APPROVAL:

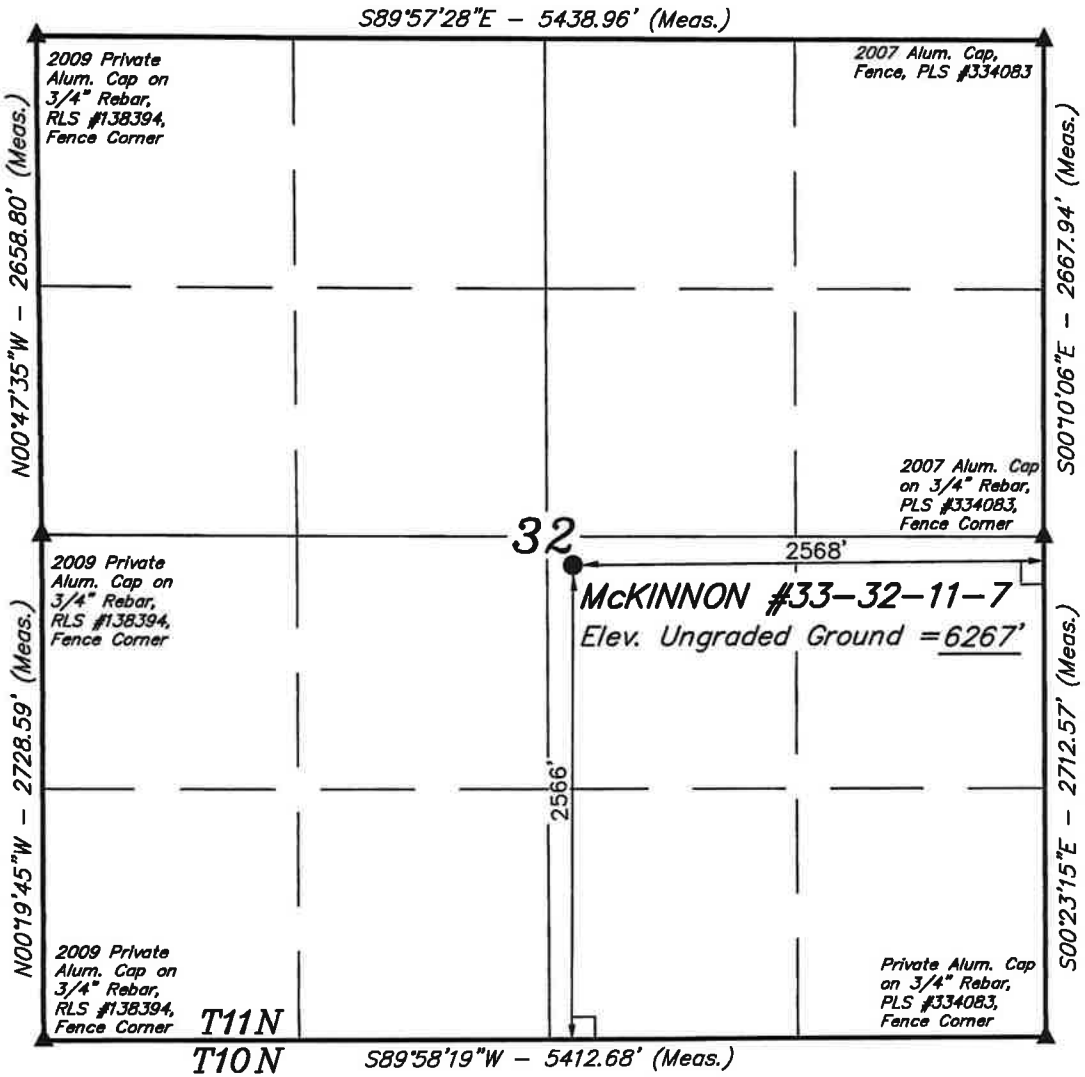
Date: 12-29-09

(See Instructions on Reverse Side)

By: [illegible]

(11/2001)

T11N, R7E, S.L.B.&M.



(NAD 83)
LATITUDE = 41°39'01.89" (41.650525)
LONGITUDE = 111°10'42.96" (111.178600)
(NAD 27)
LATITUDE = 41°39'02.10" (41.650583)
LONGITUDE = 111°10'40.25" (111.177847)

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

CTD, Inc.

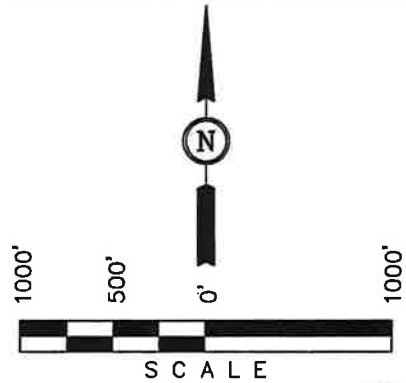
Well location, McKINNON #33-32-11-7, located as shown in the NW 1/4 SE 1/4 of Section 32, T11N, R7E, S.L.B.&M., Rich County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT A ROAD INTERSECTION IN THE NW 1/4 OF SECTION 28, T11N, R7E, S.L.B.&M. TAKEN FROM THE RANDOLPH QUADRANGLE, UTAH, RICH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6265 FEET.

BASIS OF BEARINGS

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



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

REGISTERED LAND SURVEYOR NO. 161319 ROBERT L. KAY STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-31-09	DATE DRAWN: 08-03-09
PARTY B.B. D.R. L.K.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE CTD, Inc.	