

FORM
15
Rev 6/99

State of Colorado
Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax (303)894-2109

FOR OGCC USE ONLY

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits. Submit required attachments and forms.

Complete the Attachment Checklist

FORM SUBMITTED FOR:
 Pit Report Pit Permit

Oper OGCC

Detailed Site Plan	✓	
Topo Map w/ Pit Location	✓	
Water Analysis (Form 25)		
Source Wells (Form 26)	✓	
Pit Design/Plan & Cross Sec	✓	
Design Calculations		
Sensitive Area Determ.	✓	
Mud Program		
Form 2A	✓	

OGCC Operator Number: 100185 Contact Name and Telephone: Julia Carter
 Name of Operator: Encana Oil & Gas (USA) Inc. No: 720.876.5240
 Address: 370 17th Street Suite 1700 Fax: 720.876.6240
 City: Denver State: CO Zip: 80202

API Number (of associated well): 05-045-19929 OGCC Facility ID (of other associated facility): _____
 Pit Location (Qtr/Sec, Twp, Rng, Meridian): NWNE Sec 7 T7S-R99W, 6th PM
 Latitude: 39.567811 Longitude: 108.481997 County: Garfield
 Pit Use: Production Drilling (Attach mud program) Special Purpose (Describe Use): _____
 Pit Type: Lined Unlined Surface Discharge Permit: Yes No
 Offsite disposal of pit contents: Injection Commercial Pit/Facility Name: _____ Pit/Facility No: _____
Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?" Yes No Attach data used for determination.
 Distance (in feet) to nearest surface water: 1630 ground water: 155 water wells: 11191
LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:
 Crop Land: Irrigated Dry Land Improved Pasture Hay Meadow CRP
 Non-Crop Land: Rangeland Timber Recreational Other (describe): Shrub Land
 Subdivided: Industrial Commercial Residential
SOILS (or attach copy of Form 2A if previously submitted for associated well)
 Soil map units from USNRCS survey: Sheet No: _____ Soil Complex/Series No: 29
 Soils Series Name: Debeque Very Channery Loam Horizon thickness (in inches): A: _____ B: _____ C: _____
 Soils Series Name: _____ Horizon thickness (in inches): A: _____ B: _____ C: _____
Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 280' Width: 60' Depth: 18'
 Calculated pit volume (bbls): 29,880 Daily inflow rate (bbls/day): 15,000
 Daily disposal rates (attach calculations): Evaporation: _____ bbls/day Percolation: _____ bbls/day
 Type of liner material: HDPE Thickness: 30 mil double lined with geogrid composite
Attach description of proposed design and construction (include sketches and calculations).
 Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): _____
 Is pit fenced? Yes No Is pit netted? Yes No

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Julia M. Carter Signed: Julia M. Carter
 Title: Regulatory Analyst Date: 1/12/2011

OGCC Approved: Robert J. Young Title: EPS IF OGCA Date: 1/20/2011

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 421199

1) Submit photo. documentation of liner installation.

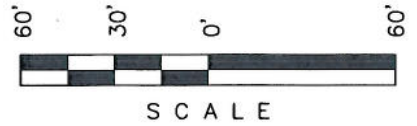
Kimball Mtn B07 799 Pit

- 1.) The Form 15 submitted for this pit shows the calculated pit volume (bbls) at 29,880. The frac tanks will hold approximately 15,000 bbls for a total onsite storage capacity of 44,880 bbls. Please note we expect about 15,000 bbls per 24 hour period to be delivered to the frac tanks. We intend to pump roughly 35,000 bbls/day downhole in our frac procedures.
- 2.) Encana will double line the pit with 30 mil HDPE liners. We will also lay a geogrid composite below the liner.
- 3.) It is Encana's intention to move water from our N. Parachute Ranch Middle Fork Water Facility by truck to be off loaded into tanks on the B07 799 frac pad. The water will then flow through the pipeline to the pit where it will be used in the frac procedures. Once the well flows to production the flowback water will be discharged into flowback tanks, not to the pit. The flowback water will not be treated and will be trucked off site to a disposal well.
- 4.) Encana intends to use the pit for a time period not to exceed 3 years. There is a possibility the 2nd well on the location could be drilled within the 3 year window, in which case the pit will be reclaimed as soon as practicable after completion operations have concluded for that well. In the event that the 2nd well on this pad is not chosen to be drilled in the next 3 years, the pit will be closed as soon as practicable after completion operations conclude on the first well. The pit will be closed in accordance with the 1000 Series Rules and Table 910-1 in the COGCC rules.

Encana OIL & GAS (USA) INC.

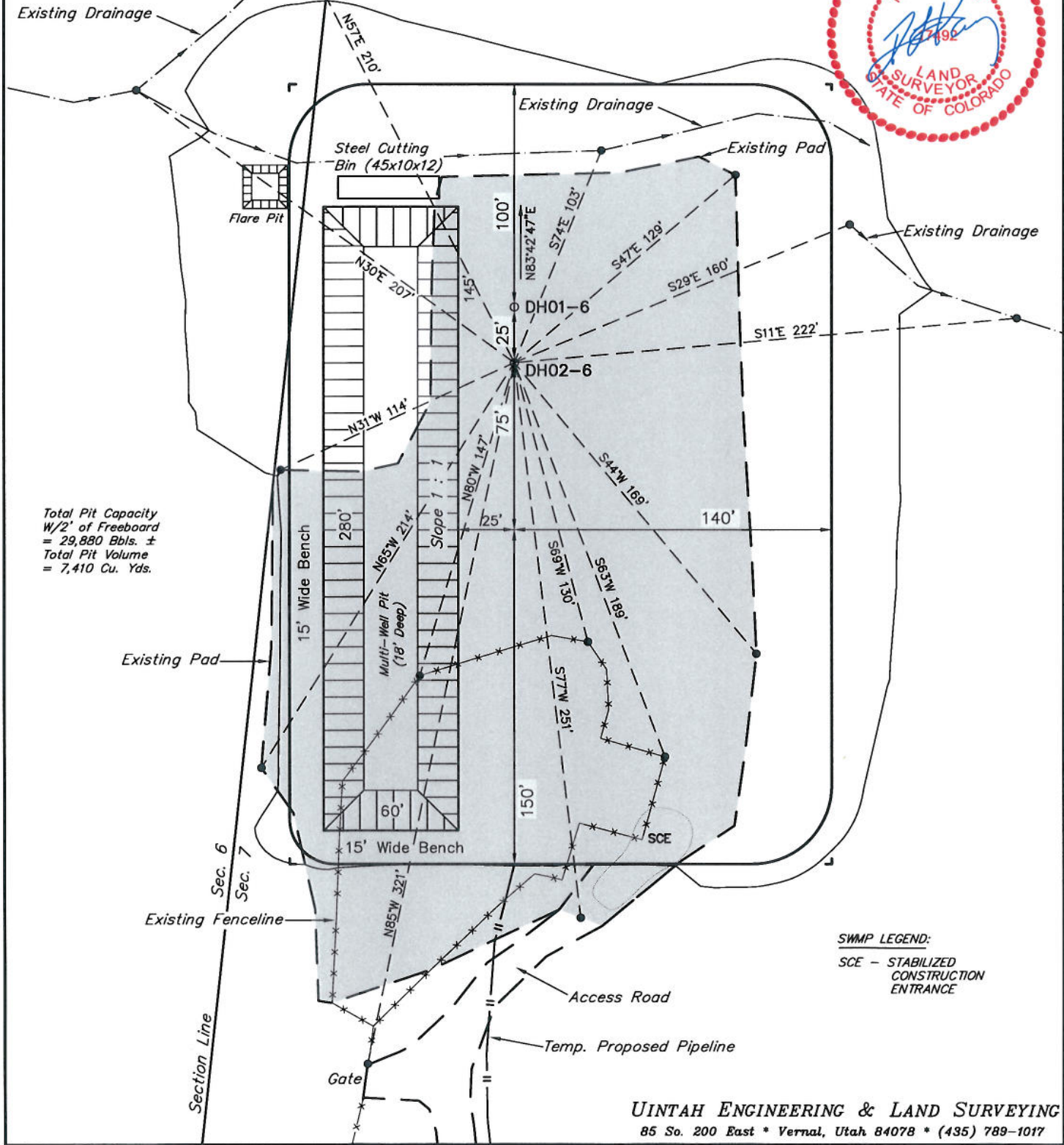
ADDENDUM TO LEGAL PLAT FOR

KIMBALL MTN. B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4



Sheet 1c of 11

SCALE: 1" = 60'
DATE: 03-11-10
DRAWN BY: D.R.B.
Revised: 05-14-10 D.R.B.
Revised: 07-08-10 D.R.B.
Revised: 07-15-10 D.R.B.
Revised: 07-21-10 D.R.B.
Revised: 08-03-10 D.R.B.
Revised: 12-14-10 D.R.B.
Revised: 01-10-11 D.R.B.



Total Pit Capacity
W/2' of Freeboard
= 29,880 Bbls. ±
Total Pit Volume
= 7,410 Cu. Yds.

SWMP LEGEND:
SCE - STABILIZED
CONSTRUCTION
ENTRANCE

Encana OIL & GAS (USA) INC.

CONSTRUCTION LAYOUT CROSS SECTION FOR

KIMBALL MTN. B07 799

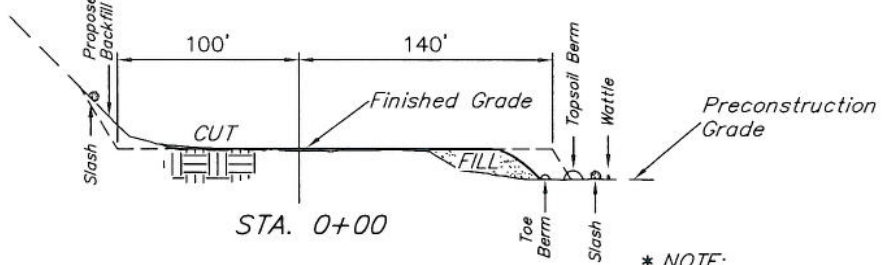
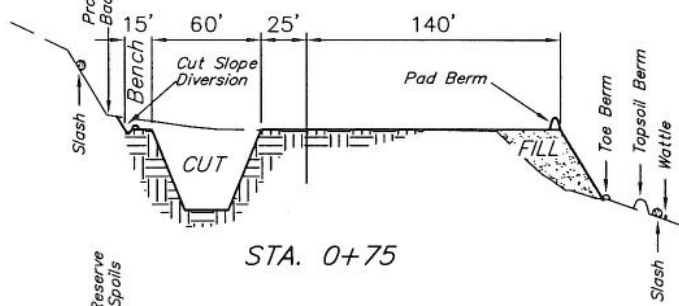
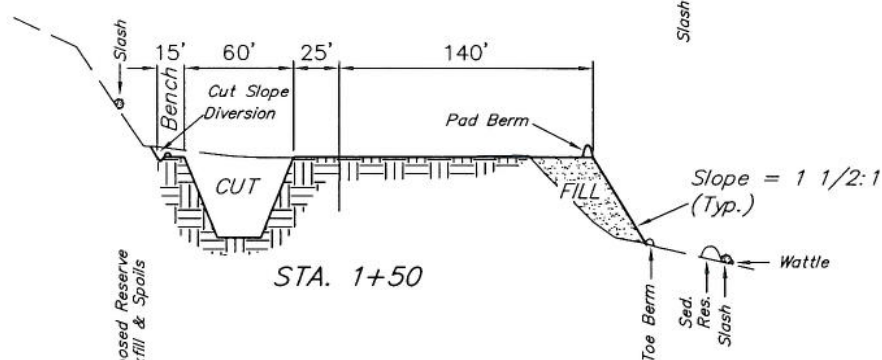
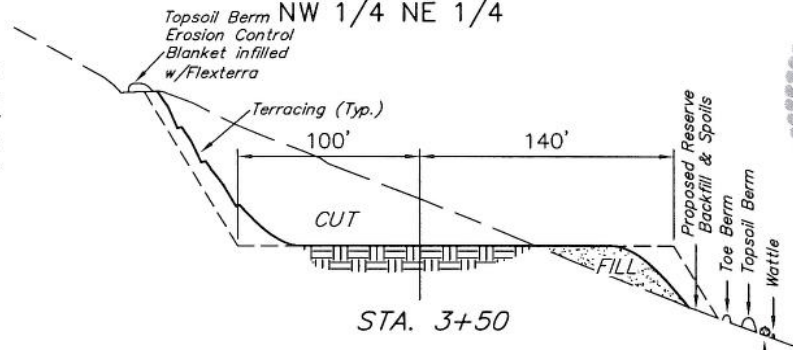
SECTION 7, T7S, R99W, 6th P.M.

Sheet 4 of 11



1" = 40'
X-Section Scale
1" = 100'

DATE: 03-11-10
DRAWN BY: D.R.B.
Revised: 03-19-10 D.R.B.
Revised: 05-14-10 D.R.B.
Revised: 07-08-10 D.R.B.
Revised: 07-15-10 D.R.B.
Revised: 12-14-10 D.R.B.



* NOTE:
USE EXCESS MATERIAL
FOR BERM AROUND PAD.

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,000 Cu. Yds.
(New Construction Only)		
Remaining Location	=	19,010 Cu. Yds.
TOTAL CUT	=	20,010 CU.YDS.
FILL	=	6,990 CU.YDS.

EXCESS MATERIAL	=	13,020 Cu. Yds.
Topsoil & Pit Backfill	=	4,710 Cu. Yds.
(1/2 Pit Vol.)		
EXCESS UNBALANCE	=	8,310 Cu. Yds.
(After Interim Rehabilitation)		

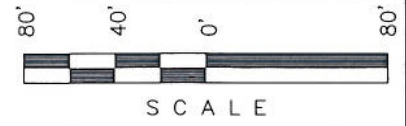
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



SCALE: 1" = 80'
 DATE: 03-11-10
 DRAWN BY: D.R.B.

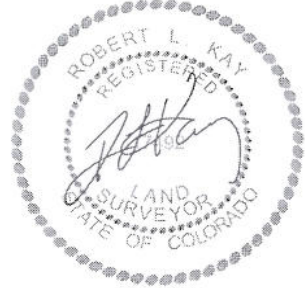
Revised: 05-14-10 D.R.B.
 Revised: 07-08-10 D.R.B.
 Revised: 07-15-10 D.R.B.
 Revised: 07-21-10 D.R.B.
 Revised: 08-03-10 D.R.B.
 Revised: 12-14-10 D.R.B.
 Revised: 01-10-11 D.R.B.

Encana OIL & GAS (USA) INC.
 SURFACE DISTURBANCE AREA FOR
 KIMBALL MTN. B07 799
 SECTION 7, T7S, R99W, 6th P.M.
 NW 1/4 NE 1/4



SCALE

Sheet 7 of 11



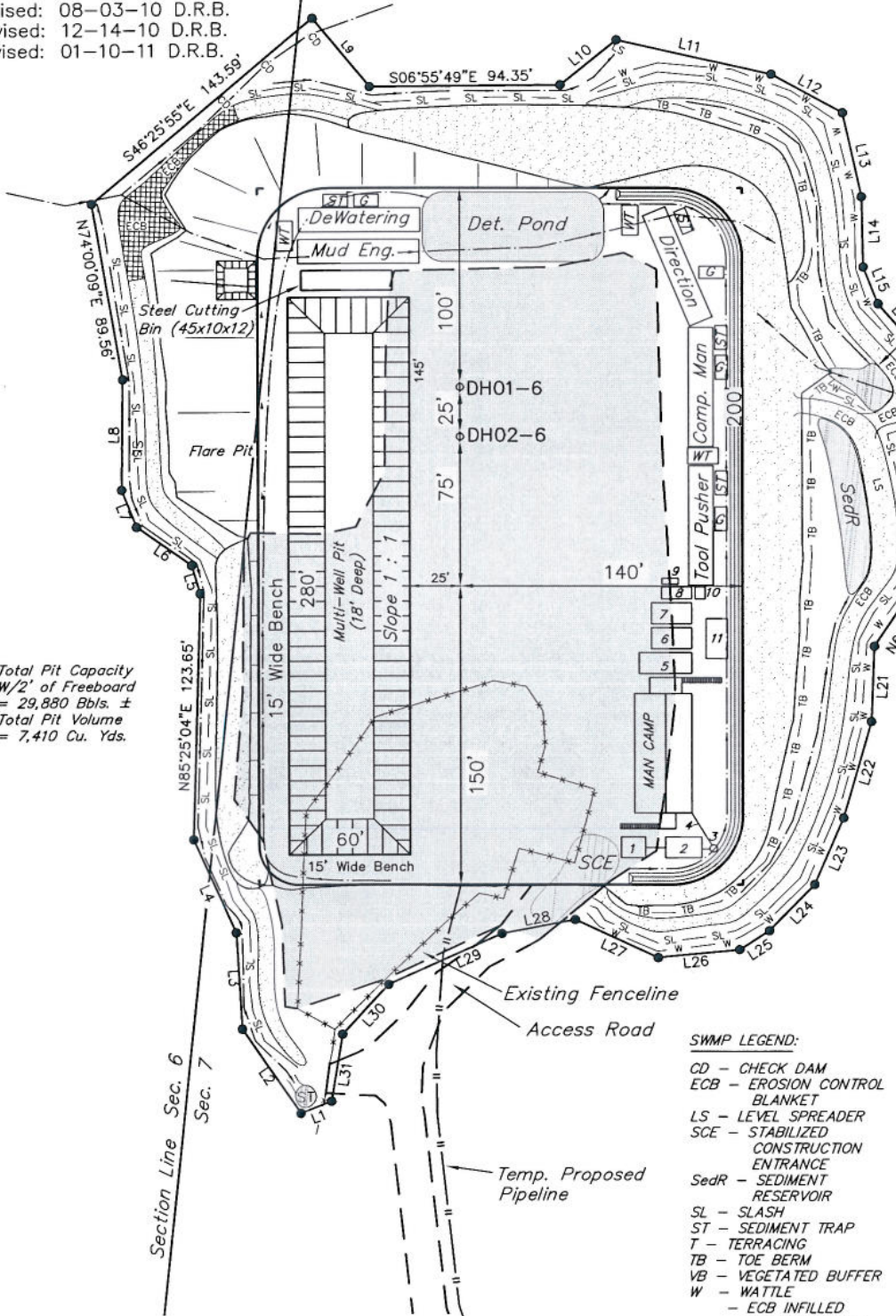
LEGEND:

ST - Septic Tank
 G - Generator
 WT - Water Tank

LEGEND:

1 - OVERFLOW
 2 - SEWER TANK
 3 - LIFT STATION
 4 - SEWER LINE
 5 - WATER TANK
 6 - FREEZER
 7 - STORAGE
 8 - GENERATOR
 9 - FUEL
 10 - TRANSFORMER

Total Pit Capacity
 W/2' of Freeboard
 = 29,880 Bbls. ±
 Total Pit Volume
 = 7,410 Cu. Yds.



LINE	BEARING	LENGTH
L1	N27°57'16"W	16.26'
L2	N49°11'44"E	51.46'
L3	N80°22'43"E	48.59'
L4	N59°28'56"E	51.47'
L5	N67°15'33"E	14.72'
L6	N29°00'16"E	33.52'
L7	N62°19'07"E	20.05'
L8	N84°31'55"E	55.62'
L9	S44°29'57"W	44.43'
L10	S44°59'32"E	36.00'
L11	S06°21'53"W	78.59'
L12	S22°27'23"W	40.20'
L13	S71°23'03"W	43.21'
L14	S82°24'42"W	35.28'
L15	S61°54'26"W	19.97'
L16	S43°03'15"W	32.12'
L17	S20°30'14"W	29.38'
L18	S87°23'13"W	24.75'
L19	N73°42'34"W	25.52'
L20	S70°57'55"W	22.81'
L21	S86°07'41"W	37.74'
L22	N80°25'17"W	50.38'
L23	N73°06'42"W	36.42'
L24	N52°16'08"W	32.41'
L25	N39°00'42"W	17.63'
L26	N11°55'14"W	40.46'
L27	N18°28'45"E	45.51'
L28	N17°04'43"W	37.00'
L29	N30°52'06"W	61.83'
L30	N53°28'52"W	33.93'
L31	N86°53'28"W	34.09'

SWMP LEGEND:

CD - CHECK DAM
 ECB - EROSION CONTROL BLANKET
 LS - LEVEL SPREADER
 SCE - STABILIZED CONSTRUCTION ENTRANCE
 SedR - SEDIMENT RESERVOIR
 SL - SLASH
 ST - SEDIMENT TRAP
 T - TERRACING
 TB - TOE BERM
 VB - VEGETATED BUFFER
 W - WATTLE
 - ECB INFILLED WITH FLEXTERRA

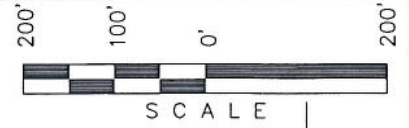
APPROXIMATE ACREAGES

APPROX. WELL DISTURBANCE = ±3.696 ACRES
 ACCESS ROAD DISTURBANCE = ±1.273 ACRES
 TOTAL = ±4.969 ACRES

Encana OIL & GAS (USA) INC.

LOCATION DRAWING FOR

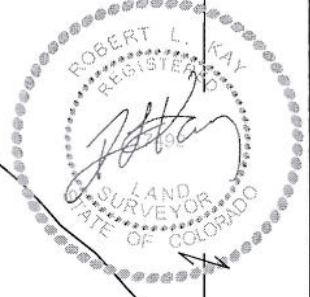
KIMBALL MTN. B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4



6

SCALE: 1" = 200'
DATE: 03-17-10
DRAWN BY: D.R.B.

- Revised: 03-19-10 D.R.B.
- Revised: 05-14-10 D.R.B.
- Revised: 07-08-10 D.R.B.
- Revised: 07-15-10 D.R.B.
- Revised: 07-21-10 D.R.B.
- Revised: 08-03-10 D.R.B.
- Revised: 12-14-10 D.R.B.
- Revised: 01-10-11 D.R.B.



SW 1/4 SE 1/4

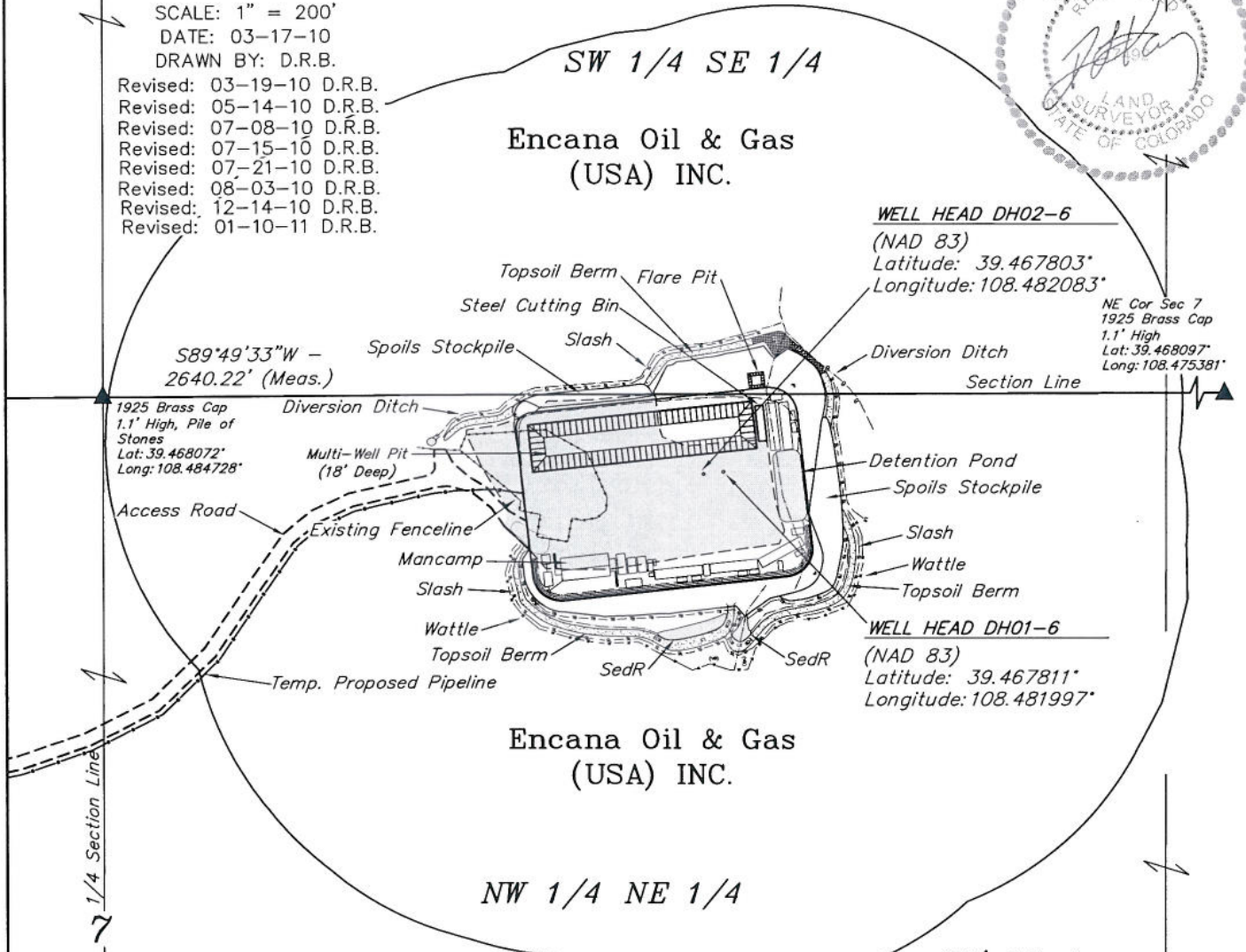
Encana Oil & Gas
(USA) INC.

WELL HEAD DH02-6
(NAD 83)
Latitude: 39.467803°
Longitude: 108.482083°

NE Cor Sec 7
1925 Brass Cap
1.1' High
Lat: 39.468097°
Long: 108.475381°

S89°49'33"W -
2640.22' (Meas.)

1925 Brass Cap
1.1' High, Pile of
Stones
Lat: 39.468072°
Long: 108.484728°



Encana Oil & Gas
(USA) INC.

NW 1/4 NE 1/4

400' Offset
from edge of
Disturbance

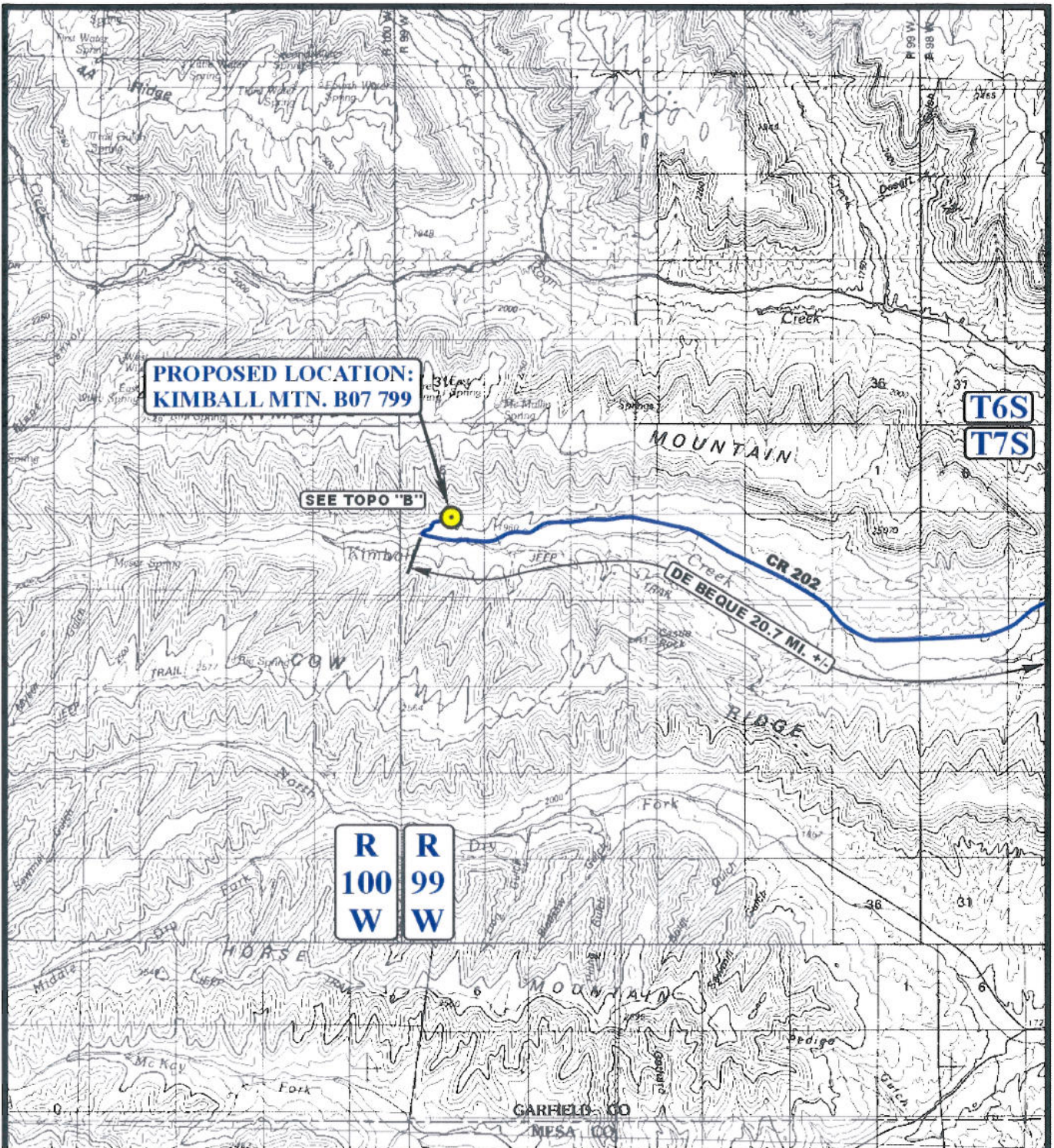
CURRENT LAND USE	
CROP LAND:	<input type="checkbox"/> IRRIGATED <input type="checkbox"/> DRY LAND <input type="checkbox"/> IMPROVED PASTURE <input type="checkbox"/> HAY MEADOW <input type="checkbox"/> CRP
NON-CROP LAND:	<input type="checkbox"/> RANGELAND <input type="checkbox"/> TIMBER <input type="checkbox"/> RECREATIONAL <input type="checkbox"/> OTHER (Describe)
SUBDIVIDED:	<input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> RESIDENTIAL

FUTURE LAND USE	
CROP LAND:	<input type="checkbox"/> IRRIGATED <input type="checkbox"/> DRY LAND <input type="checkbox"/> IMPROVED PASTURE <input type="checkbox"/> HAY MEADOW <input type="checkbox"/> CRP
NON-CROP LAND:	<input type="checkbox"/> RANGELAND <input type="checkbox"/> TIMBER <input type="checkbox"/> RECREATIONAL <input type="checkbox"/> OTHER (Describe)
SUBDIVIDED:	<input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> RESIDENTIAL

PLANT COMMUNITY	Existing Features (Distance from DH02-6)
<input type="checkbox"/> DISTURBED GRASSLAND	Building N10°W - 15,182'
<input type="checkbox"/> NATIVE GRASSLAND	Public Road S16°E - 1,368'
<input type="checkbox"/> SHRUB LAND	Utility S33°E - 16,507'
<input type="checkbox"/> PLAINS RIPARIAN	Railroad S55°E - 90,300'
<input type="checkbox"/> MOUNTAIN RIPARIAN	Property Line S01°E - 1,220'
<input type="checkbox"/> FOREST LAND	
<input type="checkbox"/> WETLANDS AQUATIC	
<input type="checkbox"/> ALPINE	
<input type="checkbox"/> OTHER (Describe):	

Sheet 7a of 11

DISTURBANCE ACREAGE:
1.904 ± DRILLING OPERATIONS
1.155 ± INTERIM RECLAIM



**PROPOSED LOCATION:
KIMBALL MTN. B07 799**

SEE TOPO "B"

**T6S
T7S**

**R 100 W
R 99 W**

LEGEND:

EXISTING LOCATION



Encana OIL & GAS (USA) INC.

**KIMBALL MTN. B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4**



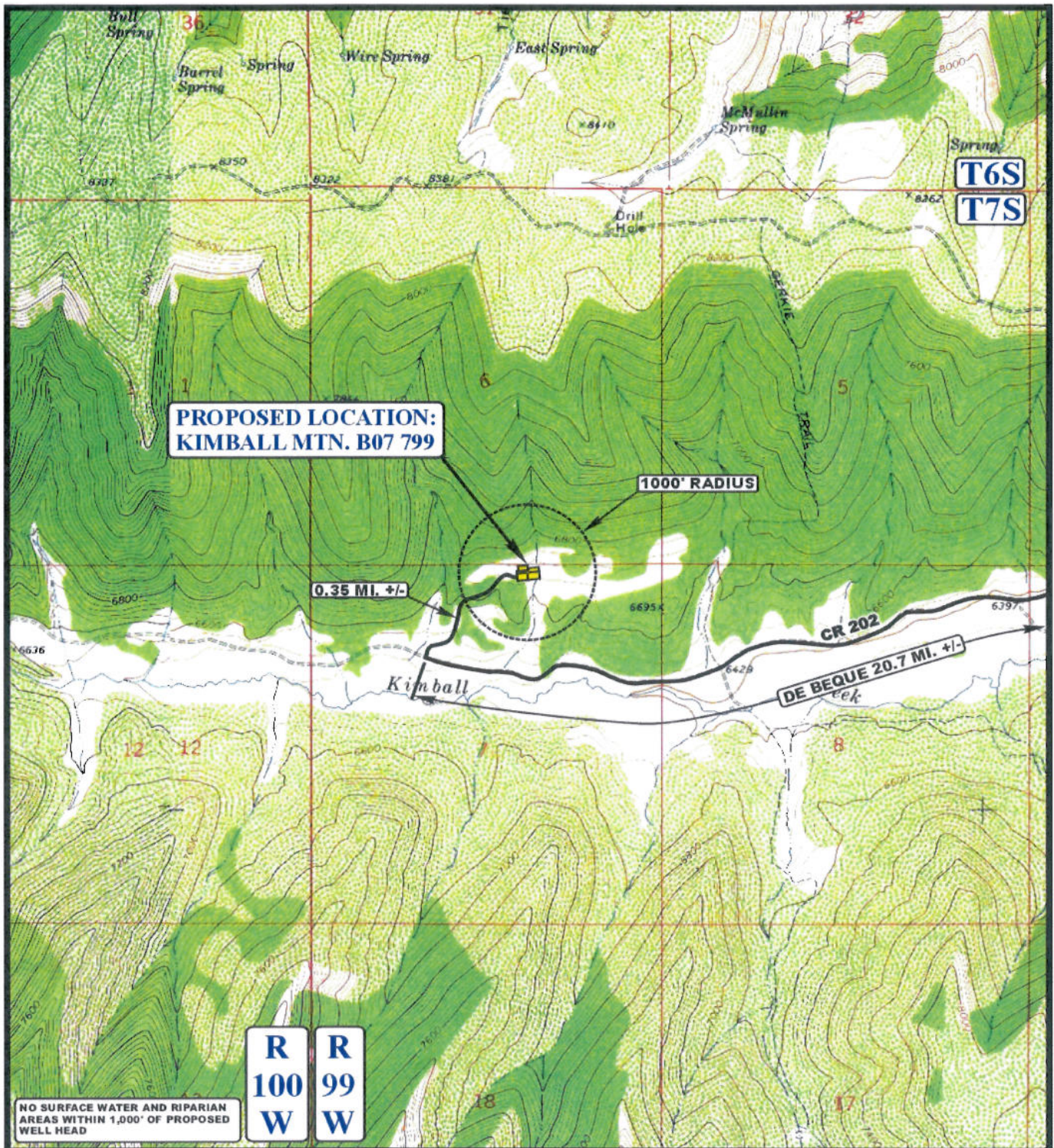
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

08 04 10
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REV: 07-08-10 J.J.





LEGEND:

————— EXISTING ROAD

Encana OIL & GAS (USA) INC.

KIMBALL MTN. B07 799
SECTION 7, T7S, R99W, 6th P.M.
NW 1/4 NE 1/4

UEIS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 03 12 10
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REV: 07-08-10 J.J. **B TOPO**

Encana OIL & GAS (USA) INC.
KIMBALL MTN. B07 799
SECTION 7, T7S, R99W, 6th P.M.

PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION FROM DE BEQUE, COLORADO ALONG COUNTY ROAD 204 APPROXIMATELY 10.2 MILES TO THE JUNCTION OF COUNTY ROAD 204 AND COUNTY ROAD 202 TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 10.5 MILES TO THE JUNCTION OF COUNTY ROAD 202 AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DE BEQUE, COLORADO TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 21.05 MILES.

State of Colorado
Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

FOR OGCC USE ONLY

SOURCE OF PRODUCED WATER FOR DISPOSAL

This form must be completed for any new disposal site and for any change in sources of produced water for an existing disposal site.

**Complete the
Attachment Checklist**

OGCC Operator Number: <u>100185</u>	Contact Name and Telephone: <u>Julia Carter</u>
Name of Operator: <u>Encana Oil & Gas (USA) Inc.</u>	No: <u>720.876.5240</u>
Address: <u>370 17th Street Suite 1700</u>	Fax: <u>720.876.6240</u>
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	

Oper	OGCC
Chemical Analysis of fluid	

If more space is required, attach additional sheet.

OGCC Disposal Facility Number: _____

Operator's Disposal Facility Name: Kimball Mtn B07 799 Multi-well pit Operator's Disposal Facility Number: _____

Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE Sec 7 T7S-R99W, 6th PM

Address: _____

City: _____ State: _____ Zip: _____ County: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: Please see attached spreadsheet

Operator Name: Encana Oil & Gas (USA) Inc. Operator No: 100185

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____

Analysis Attached? Yes No Transported to disposal site via: Pipeline Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____

Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____

Analysis Attached? Yes No Transported to disposal site via: Pipeline Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____

Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____

Analysis Attached? Yes No Transported to disposal site via: Pipeline Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____

Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____

Analysis Attached? Yes No Transported to disposal site via: Pipeline Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____

Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____

Analysis Attached? Yes No Transported to disposal site via: Pipeline Truck TDS: _____

Add Source: OGCC Lease No: _____ API No: _____ Well Name & No: _____

Operator Name: _____ Operator No: _____

Delete Source: Location: QtrQtr: _____ Section: _____ Township: _____ Range: _____ Producing Formation: _____

Analysis Attached? Yes No Transported to disposal site via: Pipeline Truck TDS: _____

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Julia Carter Signed: Julia M. Carter
Title: Regulatory Analyst Date: 1/11/11

OGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:
400075903

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 383216

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a stand alone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this Assessment will allow for the construction of the below specified location; however, it does not supersede any land use rules applied by the local land use authority. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:
383216
Expiration Date:
09/19/2013

This location assessment is included as part of a permit application.

1. CONSULTATION

- This location is included in a Comprehensive Drilling Plan. CDP # _____
- This location is in a sensitive wildlife habitat area.
- This location is in a wildlife restricted surface occupancy area.
- This location includes a Rule 306.d.(1)A.ii. variance request.

2. Operator

Operator Number: 100185
Name: ENCANA OIL & GAS (USA) INC
Address: 370 17TH ST STE 1700
City: DENVER State: CO Zip: 80202-5632

3. Contact Information

Name: Julia Carter
Phone: (720) 876.5240
Fax: (720) 876.6240
email: Julia.Carter@encana.com

4. Location Identification:

Name: Kimball Mtn Number: B07 799
County: GARFIELD
Quarter: NWNE Section: 7 Township: 7S Range: 99W Meridian: 6 Ground Elevation: 6649
Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.
Footage at surface: 101 feet, from North or South section line: FNL and 1893 feet, from East or West section line: FEL
Latitude: 39.467803 Longitude: -108.482083 PDOP Reading: 1.9 Date of Measurement: 03/02/2010
Instrument Operator's Name: Robert Kay

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits:	<input type="text" value="0"/>	Drilling Pits:	<input type="text" value="0"/>	Wells:	<input type="text" value="2"/>	Production Pits:	<input type="text" value="1"/>	Dehydrator Units:	<input type="text" value="2"/>
Condensate Tanks:	<input type="text" value="4"/>	Water Tanks:	<input type="text" value="4"/>	Separators:	<input type="text" value="2"/>	Electric Motors:	<input type="text" value="5"/>	Multi-Well Pits:	<input type="text" value="0"/>
Gas or Diesel Motors:	<input type="text" value="3"/>	Cavity Pumps:	<input type="text" value="0"/>	LACT Unit:	<input type="text" value="0"/>	Pump Jacks:	<input type="text" value="0"/>	Pigging Station:	<input type="text" value="0"/>
Electric Generators:	<input type="text" value="3"/>	Gas Pipeline:	<input type="text" value="2"/>	Oil Pipeline:	<input type="text" value="0"/>	Water Pipeline:	<input type="text" value="1"/>	Flare:	<input type="text" value="2"/>
Gas Compressors:	<input type="text" value="1"/>	VOC Combustor:	<input type="text" value="0"/>	Oil Tanks:	<input type="text" value="0"/>	Fuel Tanks:	<input type="text" value="2"/>		

Other: Chemical Tank,1; Please see attached Facilities List

6. Construction:

Date planned to commence construction: 10/01/2010 Size of disturbed area during construction in acres: 4.96
 Estimated date that interim reclamation will begin: 05/01/2011 Size of location after interim reclamation in acres: 1.15
 Estimated post-construction ground elevation: 6648 Will a closed loop system be used for drilling fluids: Yes
 Will salt sections be encountered during drilling: Yes No Is H2S anticipated? Yes No
 Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No
 Mud disposal: Offsite Onsite Method: Land Farming Land Spreading Disposal Facility
 Other: Recycle & Bury

7. Surface Owner:

Name: _____ Phone: _____
 Address: _____ Fax: _____
 Address: _____ Email: _____
 City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: _____
 Surface Owner: Fee State Federal Indian
 Mineral Owner: Fee State Federal Indian
 The surface owner is: the mineral owner committed to an oil and gas lease
 is the executer of the oil and gas lease the applicant
 The right to construct the location is granted by: oil and gas lease Surface Use Agreement Right of Way
 applicant is owner
 Surface damage assurance if no agreement is in place: \$2000 \$5000 Blanket Surety ID _____

8. Reclamation Financial Assurance:

Well Surety ID: 20100017 Gas Facility Surety ID: _____ Waste Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No
 Distance, in feet, to nearest building: 15182, public road: 1368, above ground utilit: 16507
 , railroad: 90300, property line: 1220

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
 Non-Crop Land: Rangeland Timber Recreational Other (describe): _____
 Subdivided: Industrial Commercial Residential

11. Future Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
 Non-Crop Land: Rangeland Timber Recreational Other (describe): _____
 Subdivided: Industrial Commercial Residential

12. Soils:

List all soil map units that occur within the proposed location. Attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.gov/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: Debeque Very Channery Loam; 29

NRCS Map Unit Name: _____

NRCS Map Unit Name: _____

13. Plant Community:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes No

Plant species from: NRCS or, field observation Date of observation: 07/09/2010

List individual species: _____

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- Alpine (above timberline)
- Other (describe): _____

14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area: No Yes Was a Rule 901.e. Sensitive Areas Determination performed: No Yes

Distance (in feet) to nearest surface water: 1630, water well: 11191, depth to ground water: 155

Is the location in a riparian area: No Yes Was an Army Corps of Engineers Section 404 permit filed No Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No 0-300 ft. zone 301-500 ft. zone 501-2640 ft. zone

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: No Yes

15. Comments:

All distances in #9 (section VI) Cultural are taken from the Kimball Mtn DH02-6 B07 799 well. Please reference the attached Facilities List for a more detailed account of what will be on the location.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: _____ Date: 08/04/2010 Email: Julia.Carter@encana.com

Print Name: Julia M. Carter Title: Regulatory Analyst

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

David S. Neslin

COGCC Approved: _____

Director of COGCC

Date: 9/20/2010

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.

The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

The location is in an area of high run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and/or stormwater runoff.

Reserve pit must be lined or a closed loop system (which has been indicated on the Form 2A by EnCana) must be implemented during drilling.

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures sufficiently protective of nearby surface water. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of drilling, completion, or produced fluids.

All pits containing fluids (if constructed; production pit, frac pit) must be lined.

Attachment Check List

Att Doc Num	Name	Doc Description
2033363	CORRESPONDENCE	LF@2540966 2033363
400075903	FORM 2A SUBMITTED	LF@2518222 400075903
400075918	LOCATION PICTURES	LF@2518223 400075918
400082052	LOCATION DRAWING	LF@2518224 400082052
400082053	HYDROLOGY MAP	LF@2518225 400082053
400082054	ACCESS ROAD MAP	LF@2518227 400082054
400082055	REFERENCE AREA MAP	LF@2518229 400082055
400082056	REFERENCE AREA PICTURES	LF@2518234 400082056
400082057	NRCS MAP UNIT DESC	LF@2518235 400082057
400082058	CONST. LAYOUT DRAWINGS	LF@2518236 400082058
400082060	MULTI-WELL PLAN	LF@2518243 400082060
400082063	PROPOSED BMPs	LF@2518244 400082063
400082064	EQUIPMENT LIST	LF@2518245 400082064

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator supplied clarification of plat issues and are acceptable. BY 9/17/10	9/17/2010 10:52:10 AM
DOW	The BMPs as submitted by the operator are applicable to the site. by Michael Warren on Tuesday, September 14, 2010 at 8:35 A.M.	9/14/2010 8:39:30 AM
Permit	Discrepancies between surveyor's lat/long numbers and their spotting on plat for the APD'. There appears to be intermittent stream within 120' (east) of the locations.	9/10/2010 11:01:02 AM
OGLA	Initiated/Completed OGLA Form 2A review on 08-12-10 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, lined pits/closed loop, cuttings low moisture content, no pit in fill, stormwater BMP COAs from operator on 08-12-10; received clarifications and acknowledgement of COAs from operator on 09-10-10; passed by CDOW on 09-14-10, with operator submitted BMPs (with permit application) acceptable; passed OGLA Form 2A review on 09-14-10 by Dave Kubeczko; fluid containment, spill/release BMPs, lined pits/closed loop, cuttings low moisture content, no pit in fill, stormwater BMP COAs.	8/12/2010 5:07:37 PM

Total: 4 comment(s)

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