

State of Colorado
Oil and Gas Conservation Commission

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

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b)

1. OGCC Operator Number: 78110	4. Contact Name: Michael L. Bergstrom	Complete the Attachment Checklist OP OGCC
2. Name of Operator: SWEPI, LP	Phone: 303-222-6347	
3. Address: 4582 S. Ulster St. Pkwy, Ste. 1400 City: Denver State: CO Zip 80237	Fax: 303-222-6358	
5. API Number 05-	OGCC Facility ID Number 418843	Survey Plat X
6. Well/Facility Name: Durham	7. Well/Facility Number 1-31 & 2-31	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SWSE, Sec. 31, T5N, R90W, 6th PM		Surface Eqpm Diagram X
9. County: Moffat	10. Field Name: Waddle Creek	Technical Info Page
11. Federal, Indian or State Lease Number:		Other X

General Notice

☐ CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

	FNL/FSL	FEL/FWL
Change of Surface Footage from Exterior Section Lines:		
Change of Surface Footage to Exterior Section Lines:		
Change of Bottomhole Footage from Exterior Section Lines:		
Change of Bottomhole Footage to Exterior Section Lines:		

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer REFER TO ATTACHED PLATS

Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____

Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 1a) s/no _____

Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

GPS DATA:

Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____

<input type="checkbox"/> CHANGE SPACING UNIT	<input type="checkbox"/> Remove from surface bond
Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	Signed surface use agreement attached _____

<input checked="" type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date: 12/31/2010 Plugging Bond: <input checked="" type="checkbox"/> Blanket <input type="checkbox"/> Individual	<input checked="" type="checkbox"/> CHANGE WELL NAME From: WADDLE CREEK To: DURHAM Effective Date: 4/15/2011 NUMBER 90150 1-31 & 2-31
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<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for Inspection: _____	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: _____ Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No MIT required if shut in longer than two years. Date of last MIT _____
---	--

<input type="checkbox"/> SPUD DATE: _____	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
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<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	*submit cbl and cement job summaries
Method used _____ Cementing tool setting/perf depth _____ Cement volume _____ Cement top _____ Cement bottom _____ Date _____	

<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately _____ <input type="checkbox"/> Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent Approximate Start Date: _____	<input type="checkbox"/> Report of Work Done Date Work Completed: _____
--	--

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Change in Well Pad Location	for Spills and Releases

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

Signed: Michael L. Bergstrom Date: 4/15/2011 Email: michael.bergstrom@shell.com

Print Name: Michael L. Bergstrom Title: Senior Regulatory Advisor

COGCC Approved: David Rulko Title: Location Assessment Date: 11-9-12

CONDITIONS OF APPROVAL, IF ANY:

Specialist

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1293036



TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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1. OGCC Operator Number: 78110 API Number: _____
2. Name of Operator: SWEPI, LP OGCC Facility ID # 418843
3. Well/Facility Name: Durham Well/Facility Number: 1-31 & 2-31
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSE, Sec. 31, T5N, R90W, 6th PM

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS

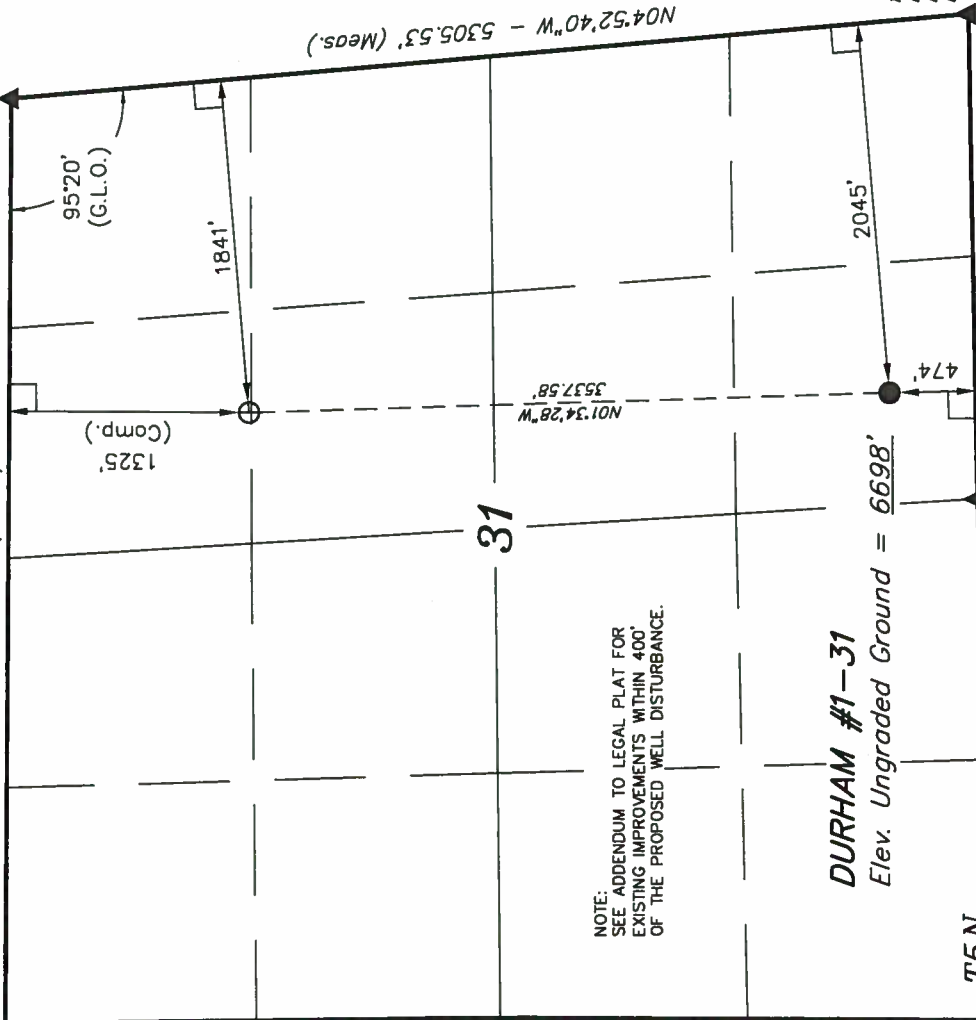
Well pad location has moved slightly.

Please refer to attached Survey Plats, Construction Layout Drawings, Multi-Well Plan (shown on Survey Plats), Access Road Maps, Hydrology Map, Location Drawing, and Location Pictures.

T5N, R90W, 6th P.M.

1914 Brass Cap 0.2'
High, Pile of Stones,
Steel Post
Lat: 40.348753°
Long: 107.528425°

5093.88' (G.L.O.)



NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED WELL DISTURBANCE.

DURHAM #1-31
Elev. Ungraded Ground = 6698'

T5N

T4N S88°04'W - 2884.20' (G.L.O.)

1918 Brass Cap 0.6'
High, Steel Post
Lat: 40.334125°
Long: 107.536411°

S89°02'38"W - 2678.57' (Meas.)

2045'

6698'

474'

1914 Brass Cap 0.7'
Below Ground
Lat: 40.334247°
Long: 107.526808°

N04°52'40"W - 5305.53' (Meas.)

N00°30'W - 2690.82' (G.L.O.)

N00°29'E - 2737.02' (G.L.O.)

R R
91 90
W W

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

BASIS OF BEARINGS

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°20'42.56" (40.345156)	LATITUDE = 40°20'07.63" (40.335453)
LONGITUDE = 107°32'04.74" (107.534650)	LONGITUDE = 107°32'03.48" (107.534300)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°20'42.65" (40.345181)	LATITUDE = 40°20'07.72" (40.335478)
LONGITUDE = 107°32'02.51" (107.534031)	LONGITUDE = 107°32'01.25" (107.533681)

PDOP = 1.3

REVISED: 04-11-11

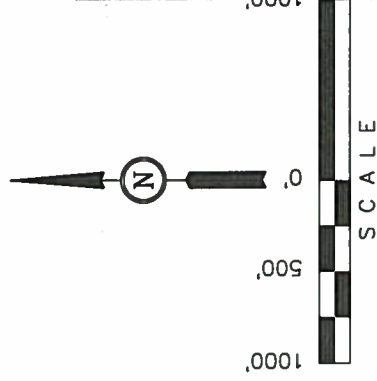
UINTAH ENGINEERING & LAND SURVEYING	
85 SOUTH 200 EAST - VERNAL, UTAH 84078	
(435) 789-1017	
SCALE 1" = 1000'	DATE SURVEYED: 02-25-11
PARTY A.F. N.F. S.L.	DATE DRAWN: 03-14-11
WEATHER COLD	REFERENCES G.L.O. PLAT
	FILE
	SWEPI LP

SWEPI LP

Well location, DURHAM #1-31, located as shown in the SW 1/4 SE 1/4 of Section 31, T5N, R90W, 6th P.M., Moffat County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 31, T5N, R90W, 6th P.M. TAKEN FROM THE HAMILTON QUADRANGLE, COLORADO, MOFFAT COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6664 FEET.



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CERTIFICATE

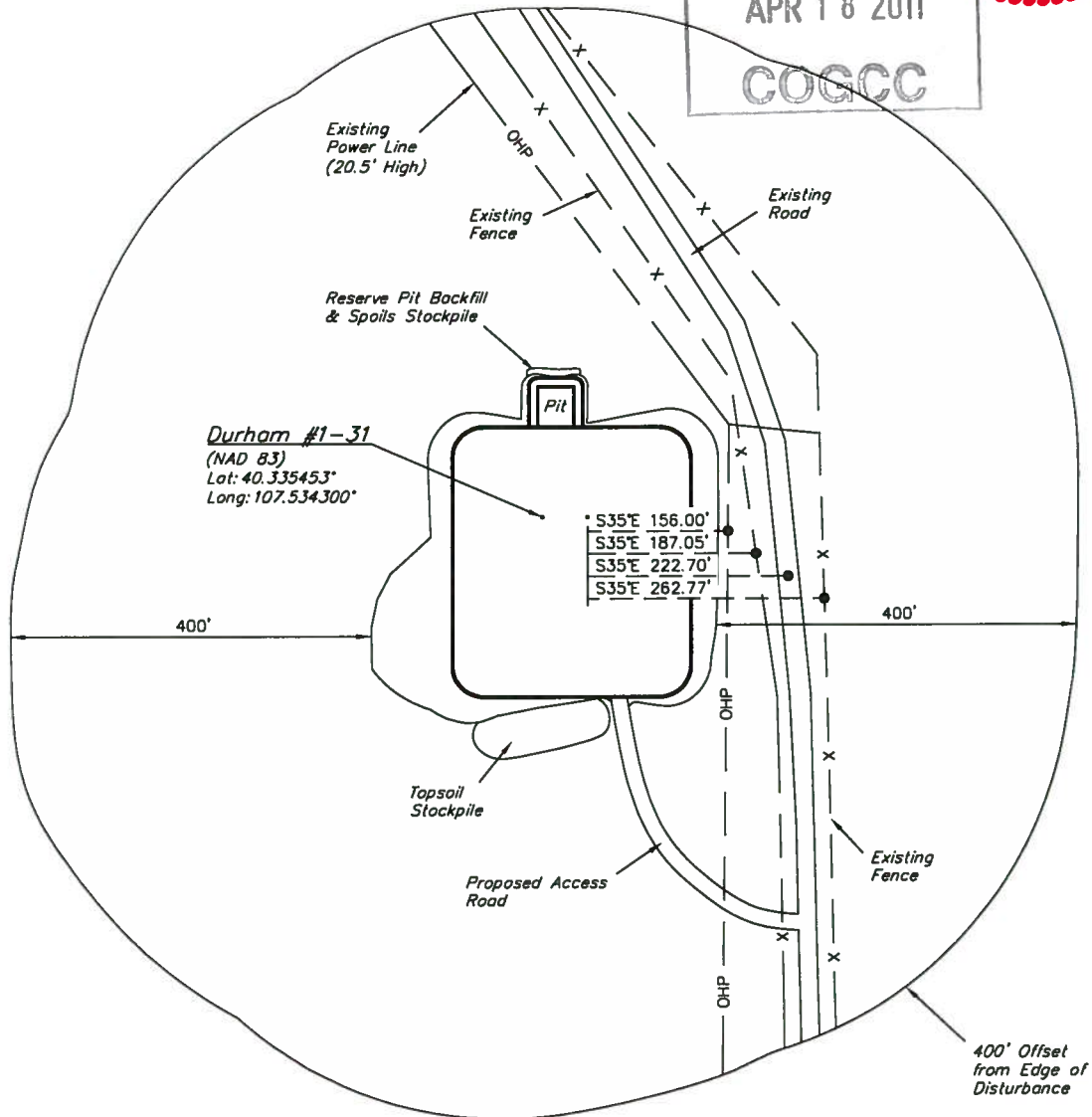
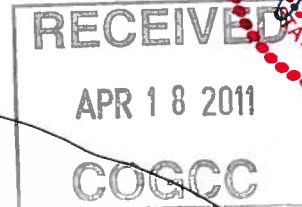
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 172469
STATE OF COLORADO



SCALE: 1" = 200'
DATE: 03-14-11
DRAWN BY: S.L.
REVISED: 04-11-11

SWEPI LP
ADDENDUM TO LEGAL PLAT FOR
DURHAM #1-31 & #2-31
SECTION 31, T5N, R90W, 6th P.M.
SE 1/4 SE 1/4



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CONSTRUCTION LAYOUT FOR

FIGURE #1

SCALE: 1" = 60'
DATE: 03-14-11
DRAWN BY: S.L.
REVISED: 04-11-11

SWMP LEGEND	
CD	CHECK DAM
LS	LEVEL SPREADER
SCE	STABILIZED CONSTRUCTION ENTRANCE
SedR	SEDIMENT RESERVOIR
SL	SLASH
ST	SEDIMENT TRAP
W	WATTLE
RV	REVEGETATION

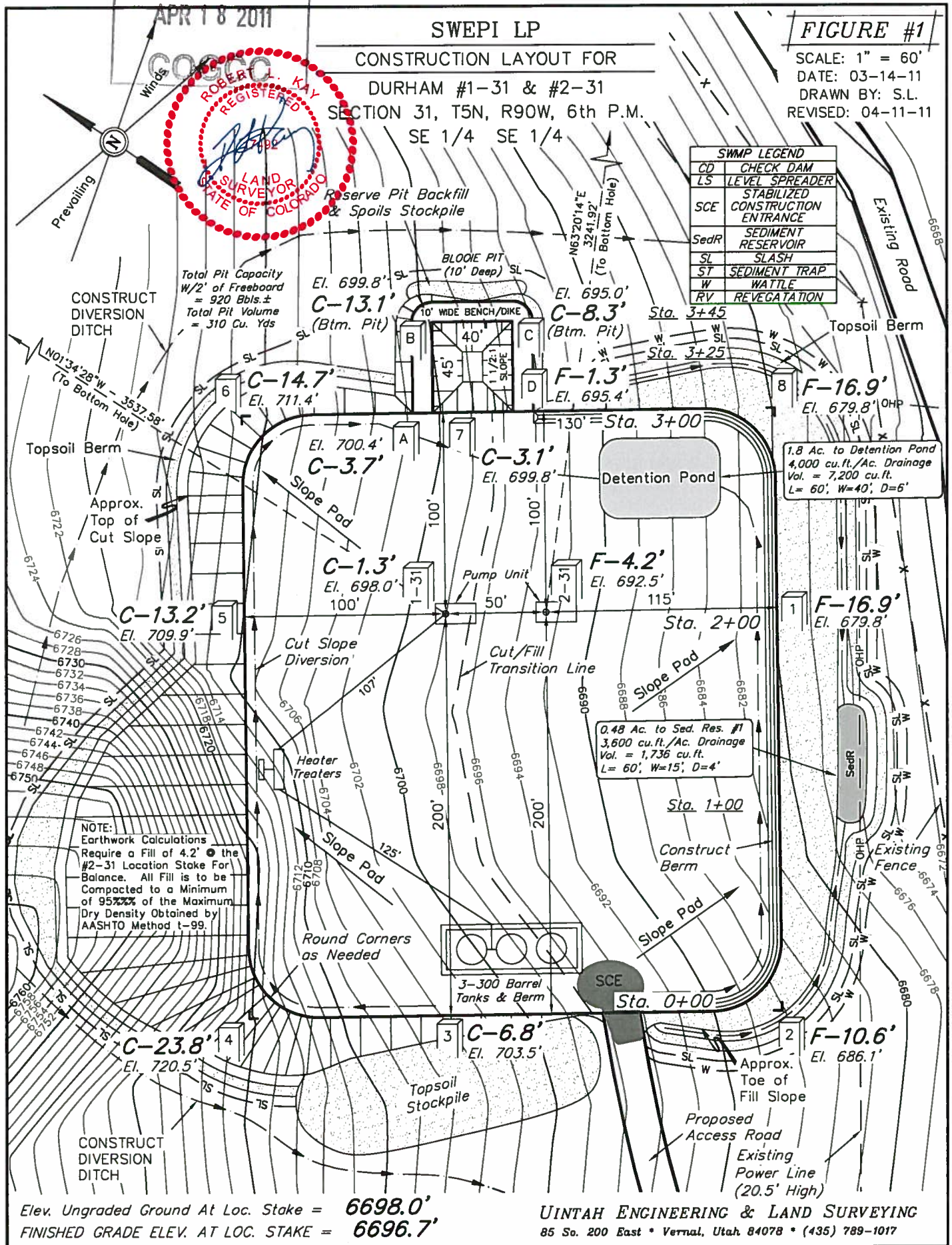


FIGURE #2

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CONSTRUCTION LAYOUT CROSS SECTIONS FOR

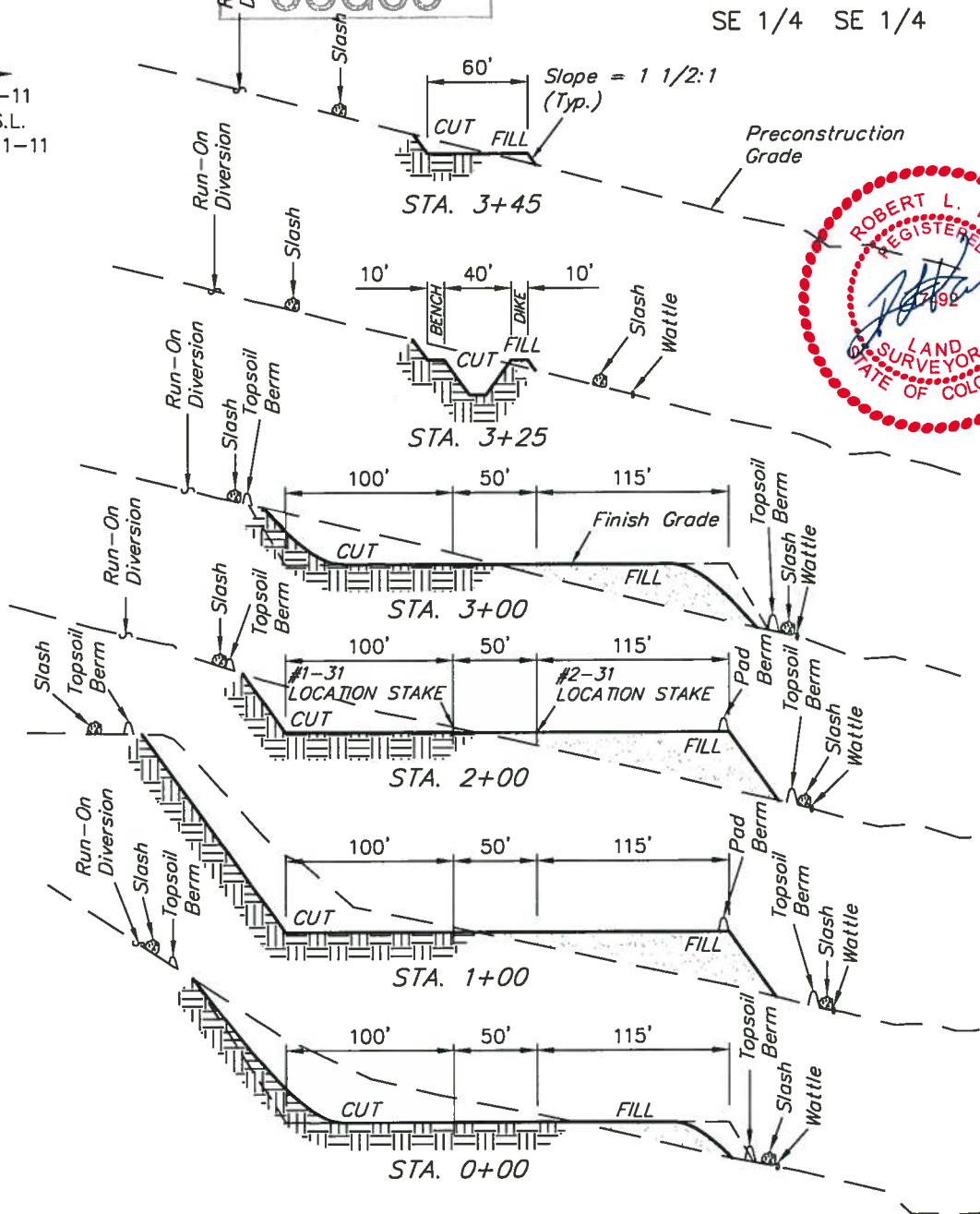
DURHAM #1-31 & #2-31

SECTION 31, T5N, R90W, 6th P.M.

SE 1/4 SE 1/4

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

DATE: 03-14-11
DRAWN BY: S.L.
REVISED: 04-11-11



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES
WELL SITE DISTURBANCE = ± 2.799 ACRES
ACCESS ROAD DISTURBANCE = ± 0.247 ACRES
TOTAL = ± 3.046 ACRES

*** NOTE:**
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,250 Cu. Yds.
Remaining Location = 17,170 Cu. Yds.
TOTAL CUT = 19,420 CU.YDS.
FILL = 17,010 CU.YDS.

EXCESS MATERIAL = 2,410 Cu. Yds.
Topsoil & Pit Backfill = 2,410 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

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TYPICAL RIG LAYOUT FOR

DURHAM #1-31 & #2-31
SECTION 31, T5N, R90W, 6th P.M.
SE 1/4 SE 1/4

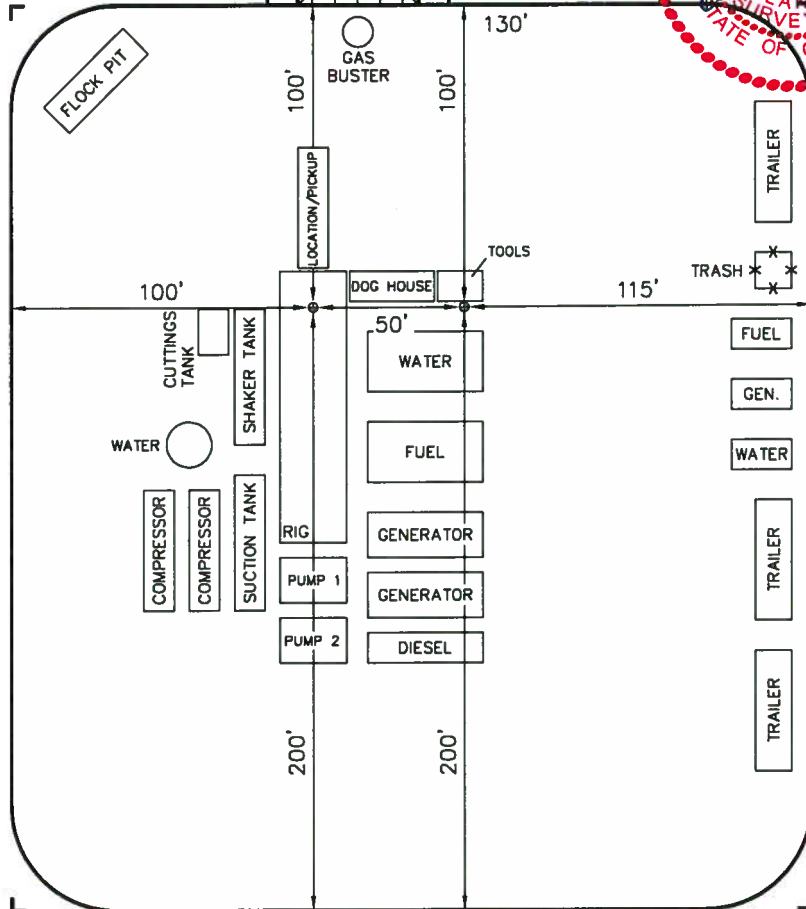
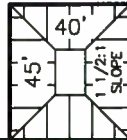
FIGURE #3

SCALE: 1" = 60'
DATE: 03-14-11
DRAWN BY: S.L.
REVISED: 04-11-11

Total Pit Capacity
W/2' of Freeboard
= 920 Bbls.±
Total Pit Volume
= 310 Cu. Yds

BLOOE PIT
(10' Deep)

10' WIDE BENCH/DIKE



Existing Road

Proposed
Access Road

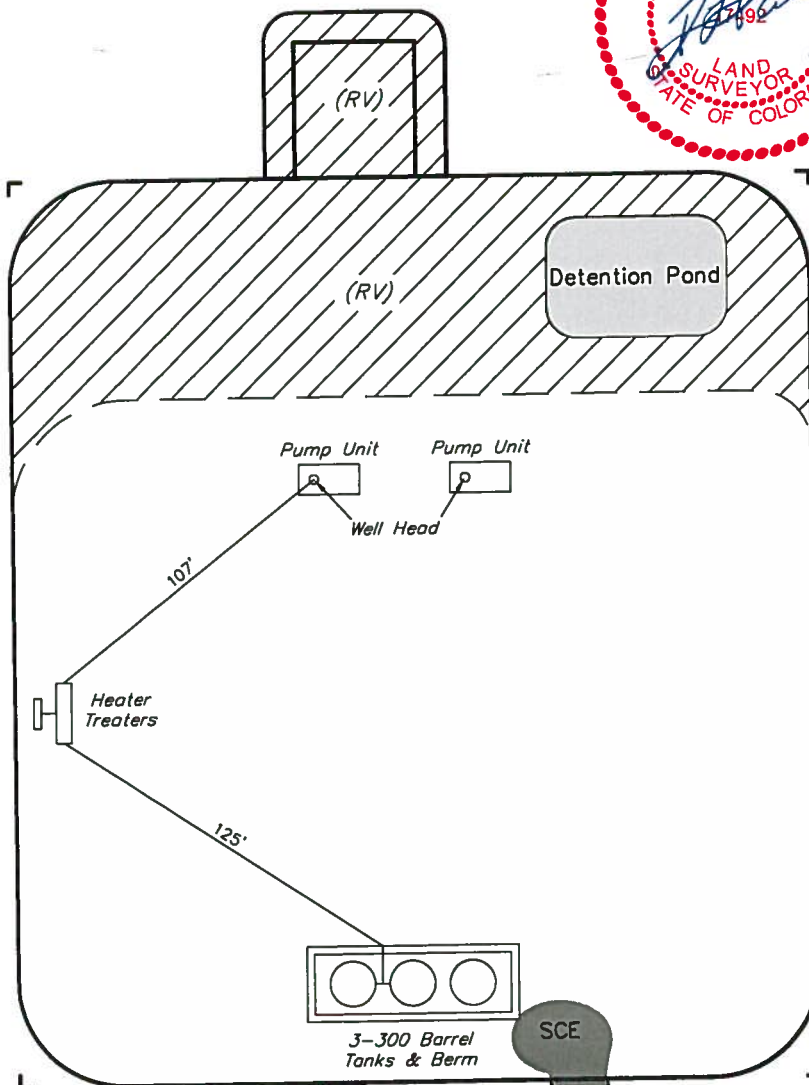
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SWEPI LP
RECLAMATION DIAGRAM FOR
DURHAM #1-31 & #2-31
SECTION 31, T5N, R90W, 6th P.M.
SE 1/4 SE 1/4

FIGURE #4
SCALE: 1" = 60'
DATE: 03-14-11
DRAWN BY: S.L.
REVISED: 04-11-11



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.357 ACRES

SWMP LEGEND:

RV - REVEGETATION
SCE - STABILIZED
CONSTRUCTION
ENTRANCE

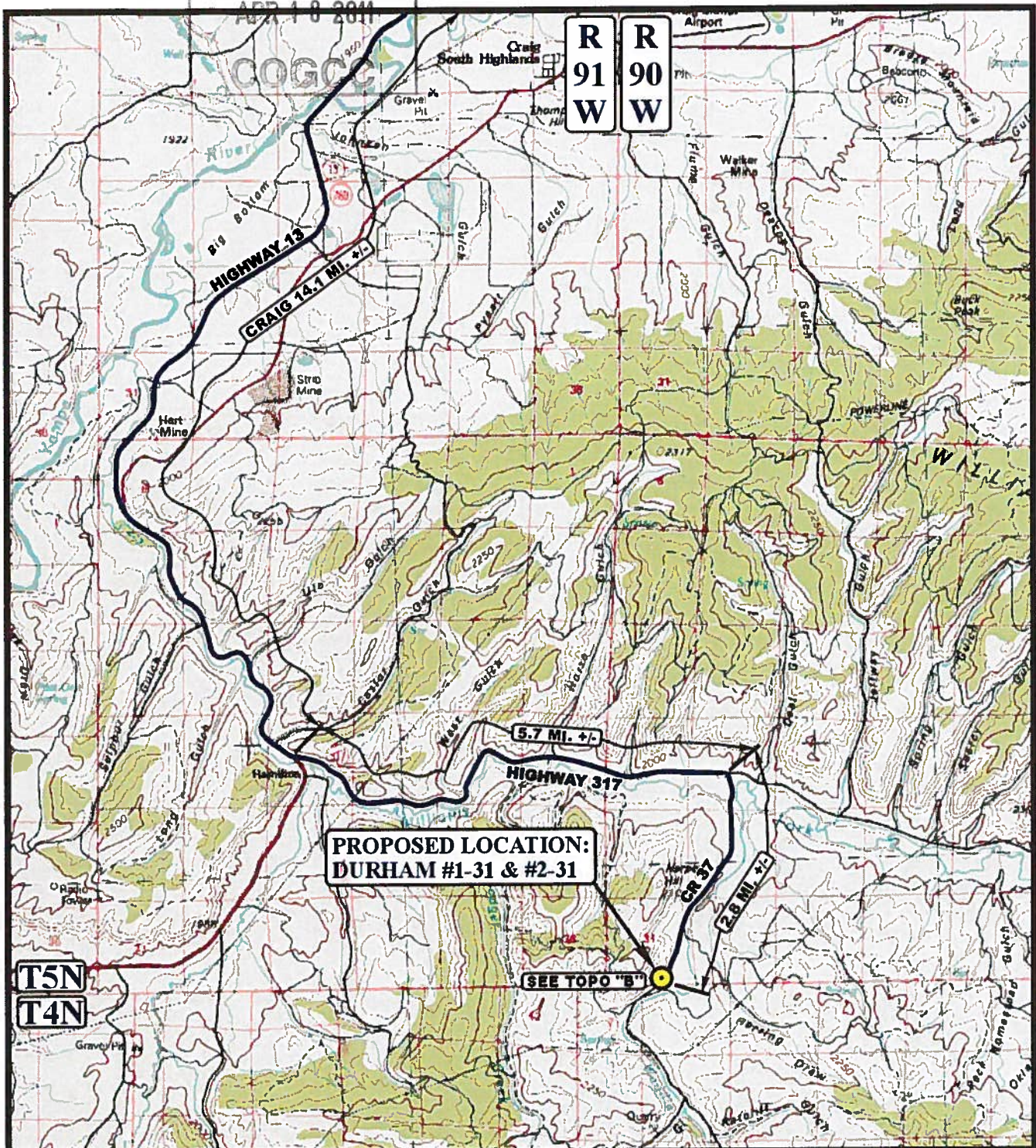


RECLAIMED AREA

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LEGEND:

● PROPOSED LOCATION



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DURHAM #1-31 & #2-31
SECTION 31, T5N, R90W, 6th P.M.
SE 1/4 SE 1/4



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ACCESS ROAD
MAP

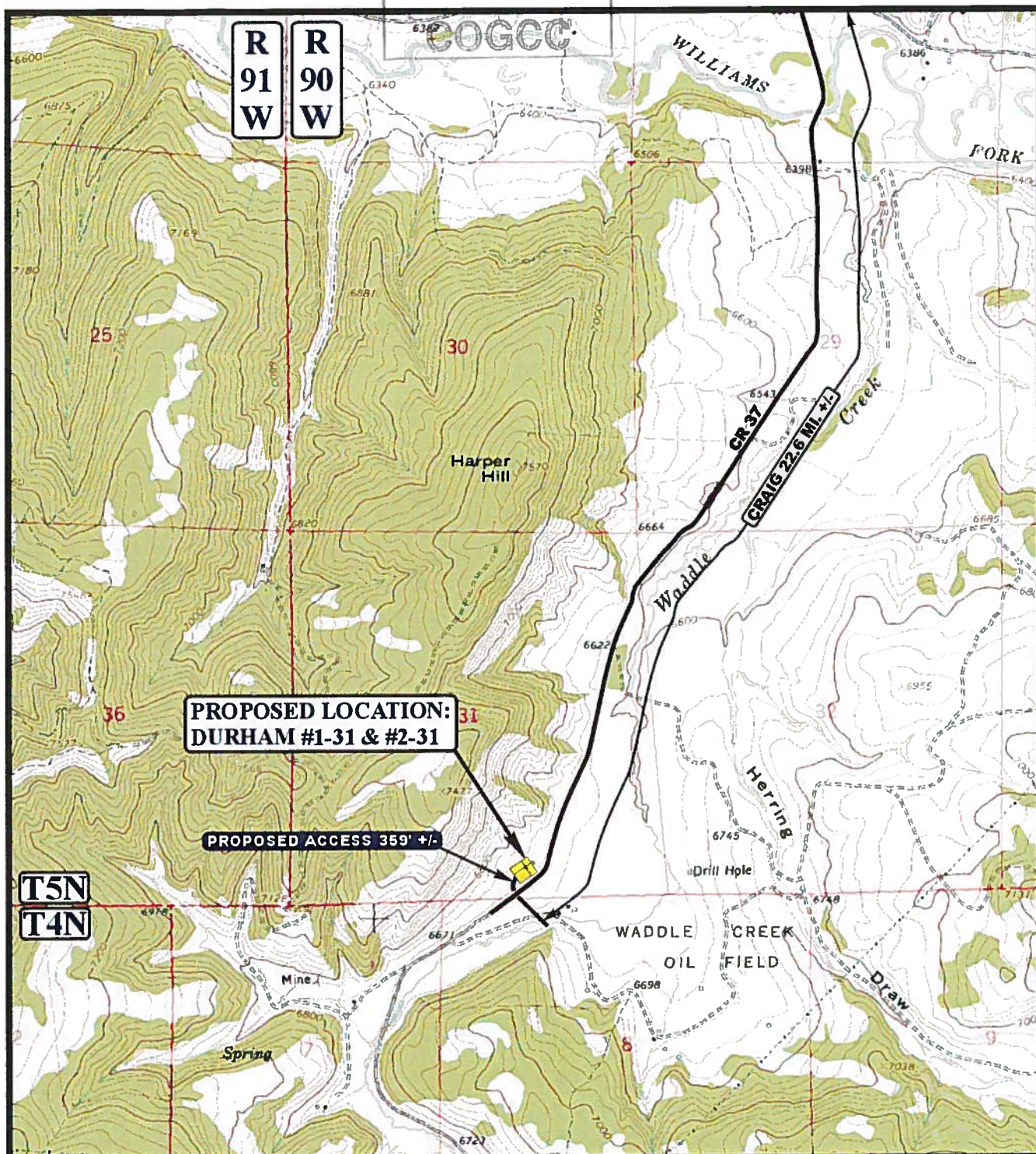
03 16 11
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 04-11-11



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LEGEND:

————— EXISTING ROAD
----- PROPOSED ACCESS ROAD



SWEPI LP

DURHAM #1-31 & #2-31
SECTION 31, T5N, R90W, 6th P.M.
SE 1/4 SE 1/4



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ACCESS ROAD
MAP

03 16 11
MONTH DAY YEAR

B
TOPO

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 04-11-11

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DURHAM #1-31 & #2-31
SECTION 31, T5N, R90W, 6th P.M.
SE 1/4 SE 1/4



HYDROLOGY MAP

04 12 11
MONTH DAY YEAR

SCALE: 1" = 1000'	DRAWN BY: J.J.	REVISED: 00-00-00
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**W
TOPO**

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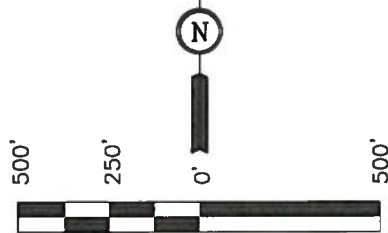
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LOCATION DRAWING FOR

DURHAM #1-31 & #2-31
SECTION 31, T5N, R90W, 6th P.M.
SE 1/4 SE 1/4

FIGURE #5



SCALE
DATE: 03-14-11
DRAWN BY: S.L.
REVISED: 04-11-11

31

1/4 Section Line

LINE TABLE

LINE	DIRECTION	LENGTH	DESTINATION
L1	S46°18'29"E	803.68'	To Building
L2	S42°25'33"E	215.44'	To CR 37
L3	S34°13'51"E	156.13'	To Power Line
L4	S00°57'22"E	432.33'	To Property Line
L5	S18°29'52"W	1005.74'	To Surface Water
L6	N58°42'12"W	8.49 MILES	To Railroad

1/16 Section Line

SE 1/4

SW 1/4



Leslee
Durham
Lands

Existing
Power Line
(20.5' High)

Proposed
Access Road

County
Road 37

SE Cor. Sec. 31
1914 Brass Cap 0.7'
Below Ground
Lat: 40.334247°
Long: 107.526808°

Section Line

S88°04'W - 2884.20' (G.L.O.)

1918 Brass Cap 0.6'
High, Steel Post
Lat: 40.334125°
Long: 107.536411°

S89°02'38"W - 2678.57' (Meas.)

Building

Surface Water

6

NE 1/4

PLANT COMMUNITY

- ☐ DISTURBED GRASSLAND
- ☐ NATIVE GRASSLAND
- ☐ SHRUB LAND
- ☐ PLAINS RIPARIAN
- ☐ MOUNTAIN RIPARIAN
- ☐ FOREST LAND
- ☐ WETLANDS AQUATIC
- ☐ ALPINE
- ☐ OTHER (Describe): _____

CURRENT LAND USE

- CROP LAND: ☐ IRRIGATED ☐ DRY LAND ☐ IMPROVED PASTURE ☐ HAY MEADOW ☐ CRP
- NON-CROP LAND: ☐ RANGELAND ☐ TIMBER ☐ RECREATIONAL ☐ OTHER (Describe) _____
- SUBDIVIDED: ☐ INDUSTRIAL ☐ COMMERCIAL ☐ RESIDENTIAL _____

FUTURE LAND USE

- CROP LAND: ☐ IRRIGATED ☐ DRY LAND ☐ IMPROVED PASTURE ☐ HAY MEADOW ☐ CRP
- NON-CROP LAND: ☐ RANGELAND ☐ TIMBER ☐ RECREATIONAL ☐ OTHER (Describe) _____
- SUBDIVIDED: ☐ INDUSTRIAL ☐ COMMERCIAL ☐ RESIDENTIAL _____

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SWEPI LP
DURHAM #1-31 & #2-31
LOCATED IN MOFFAT COUNTY, COLORADO
SECTION 31, T5N, R90W, 6th P.M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORHTWESTERLY



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LOCATION PHOTOS

03 16 11
MONTH DAY YEAR

PHOTO

P1

TAKEN BY: A.F.

DRAWN BY: J.J.

REVISED: 04-11-11

SWEPI LP
DURHAM #1-31 & #2-31
 LOCATED IN MOFFAT COUNTY, COLORADO
 SECTION 31, T5N, R90W, 6th P.M.

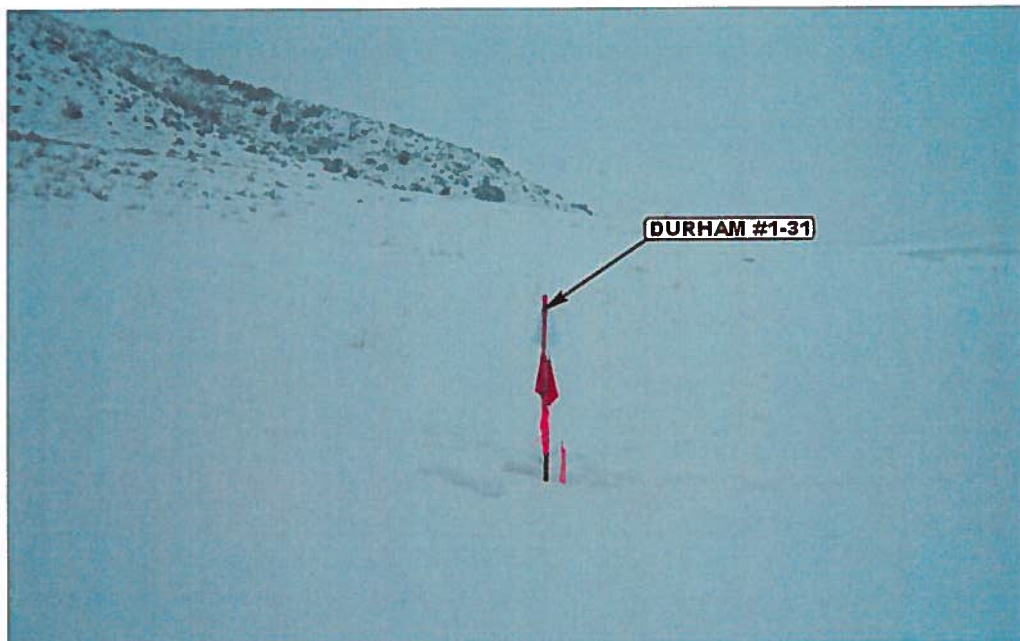


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: EASTERLY



- Since 1964 -

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LOCATION PHOTOS

03	16	11
MONTH	DAY	YEAR

PHOTO

P2

TAKEN BY: A.E.

DRAWN BY: J.J.

REVISED: 04-11-11

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SWEPI LP
DURHAM #1-31 & #2-31
LOCATED IN MOFFAT COUNTY, COLORADO
SECTION 31, T5N, R90W, 6th P.M.



PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: WESTERLY



- Since 1964 -

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LOCATION PHOTOS

03 16 11
MONTH DAY YEAR

PHOTO

P3

TAKEN BY: A.F.

DRAWN BY: J.J.

REVISED: 04-11-11