

U.S. Department of the Interior
Bureau of Land Management
Glenwood Springs Energy Office
2425 S. Grand Avenue, Suite 101
Glenwood Springs, CO 81601

Statutory Categorical Exclusion, CO140-2008-014

Project: Proposal to Expand Approved PM19 Pad by 1acre to accommodate PACE rig and increase Berm Height on pad and Shorten Access Road Alignment by 1200 feet into Federal Lease COC33291 in South Parachute GAP Area.

Location: Township 7 South, Range 95 West, Section 19, SW $\frac{1}{4}$ SW $\frac{1}{4}$, 6th PM (PM19 Pad)

Proposal: EnCana Oil & Gas (USA) Inc. proposes to use a Nabors PACE rig to drill the Federal 19-12 well on the PM19 pad (approved 9/4/07 as part of the South Parachute GAP). To use this rig, the pad length must be expanded by 40 feet (total length of 400 feet). Additionally, during preconstruction meeting of the site, BLM requested incorporating the 5000 cubic yards (CY) of excess material into the pad surface to create a 6 foot high berm along the entire length of the northern pad edge to help mitigate noise and lighting impacts to nearby residents. As initially approved in the APD, the 5000 CY of excess material would have been piled off the southeast pad corner. Incorporating this material into the pad construction will reduce the visual impact of the pile during the time the pad is “open” for drilling and completion work.

Also during the preconstruction meeting, it was determined that approximately 1200 feet of proposed access road serving the PM19 pad could be eliminated while still providing access in the same general corridor. Of this total, 140 feet would have involved public land with the majority (1060 feet) of the road disturbance savings occurring on private land (Daybreak Realty). The initial APD Road Survey had the main access road on Daybreak paralleling the PM19 road on BLM. The revised road location grade would not exceed 10%. By dropping the 1200 feet of unneeded road, the total disturbance of the road project would be reduced by approximately 1.1 acres. The proposed gathering line for the PM19 pad would be buried alongside the revised road alignment, although the pipeline length is generally not affected by this change.

Overall the revised surface disturbance for the PM19 pad would be reduced by 0.1 acre when considering the additional pad disturbance and the reduced road disturbance.

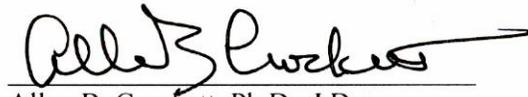
BLM Conditions of Approval: Conditions and stipulations that would be included on the Sundry Notice (SN) are attached.

NEPA Compliance: The following category of Categorical Exclusions pursuant to Section 390 of the Energy Policy Act (Act of 2005) applies to this proposal:

Category #1: *"Individual surface disturbances of less than five (5) acres so long as the total surface disturbance on the lease is not greater than 150 acres and site-specific analysis in a document prepared pursuant to NEPA has been previously completed."*

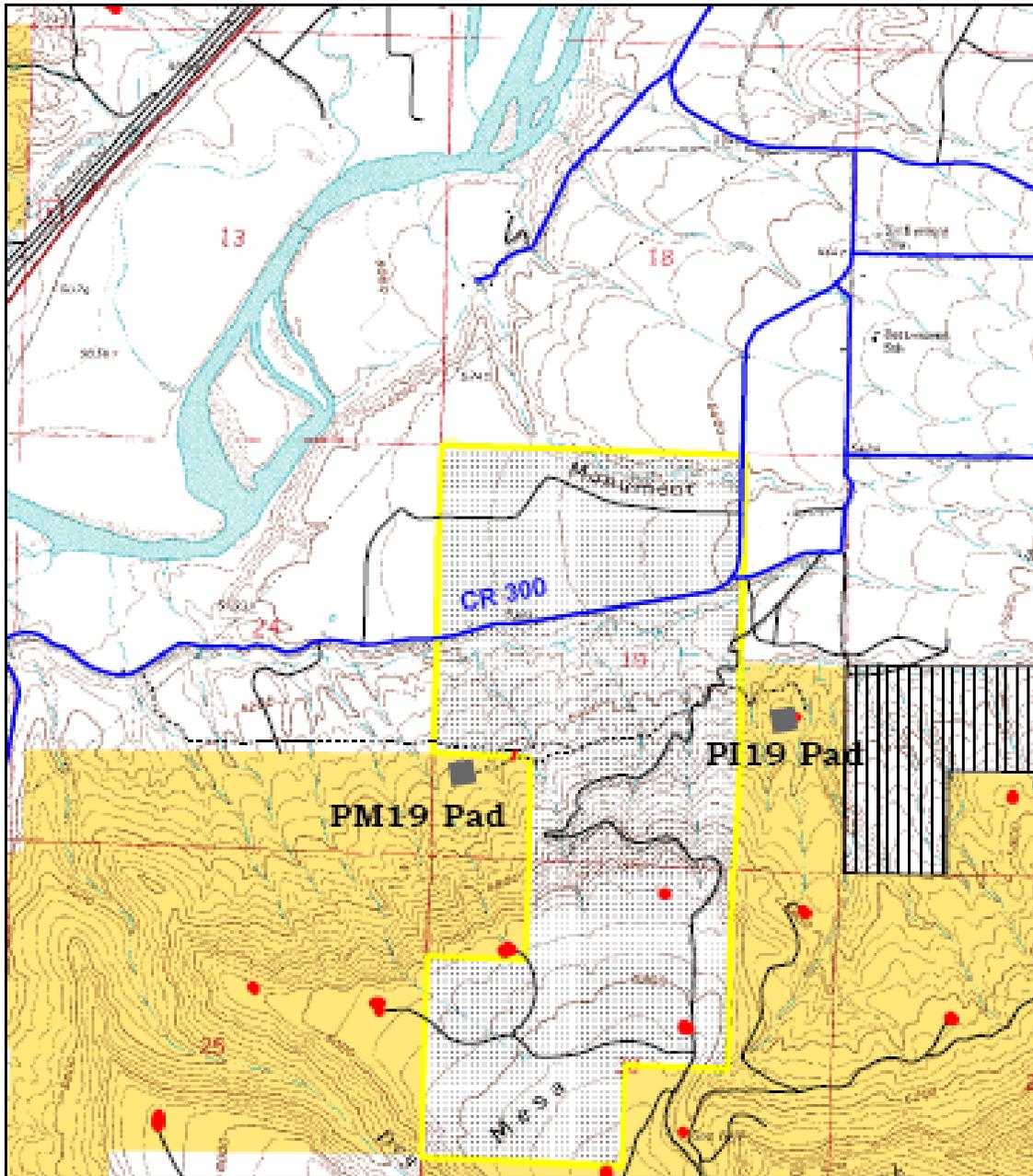
Prepared by: Jim Byers, Natural Resource Specialist 11/16/07

Approval: It is my decision to approve the proposed action with the above referenced terms and conditions.



Allen B. Crockett, Ph.D., J.D.
Supervisory Natural Resource Specialist

11/28/07
Date



Proposed PM19 Pad and Road Revisions

T7S R95W Sec 19, SW¼SW¼ 6th P.M.

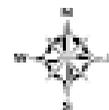
Garfield County, CO

Surface Owners: BLM & Daybreak Realty

Approved Pad: Grey Block

Approved Road: Dash Black Line

Proposed Road Segment: Red Line



Scale 1: 24,000

11/16/07

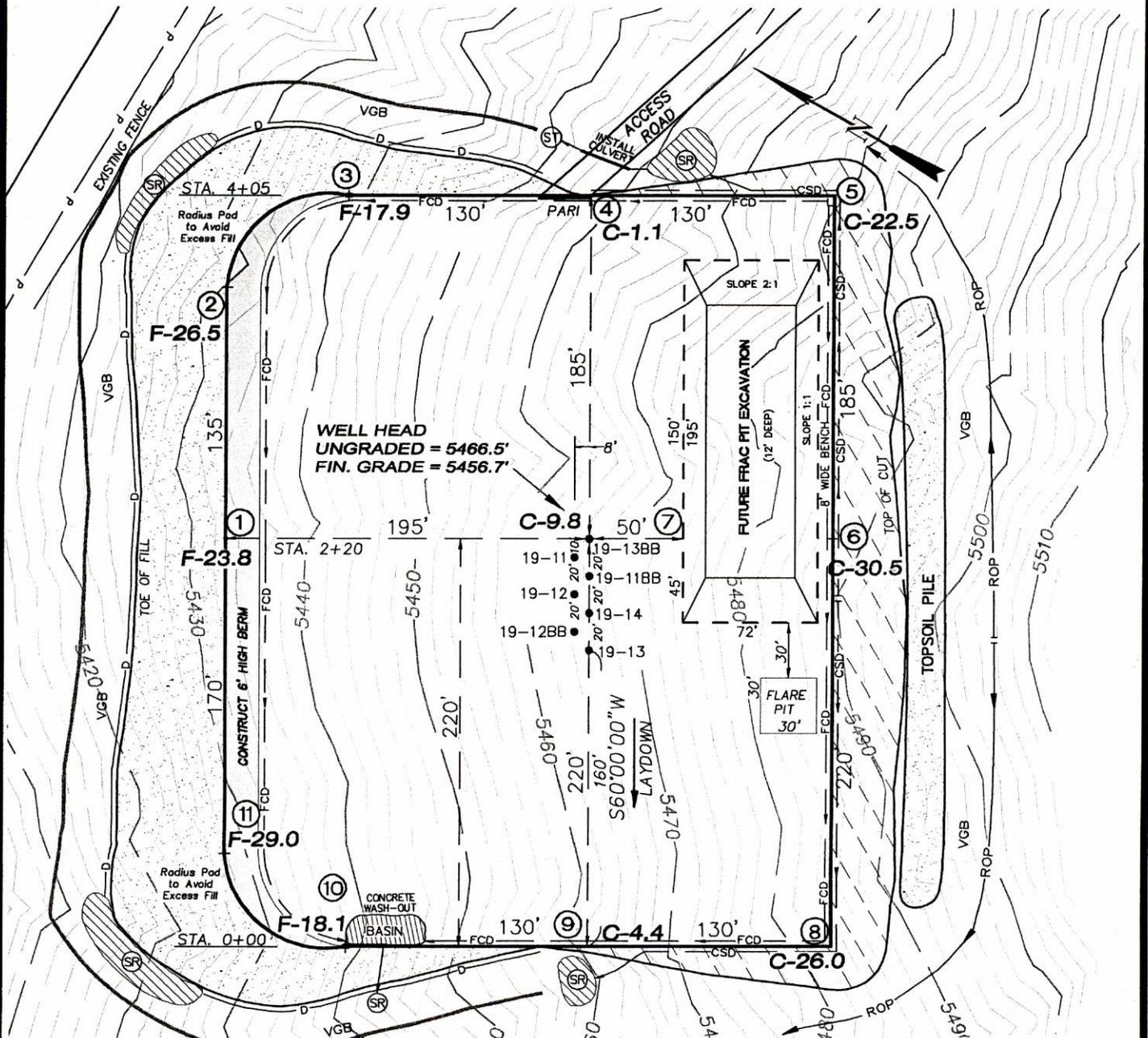
SURFACE USE CONDITIONS OF APPROVAL

- 1.** Road and Pad construction will be implemented per revised survey plats (Sheets 3-7 dated 11/15/07 and Topos A, B, and D dated 11/2/07) attached.
- 2.** Standard Conditions of Approval outlined in Appendix E of the South Parachute GAP will apply and remain in full force and effect.
- 3.** The modified stipulation for lease # COC33291 for the protection of wildlife habitat with a timing limitation between January 1 and March 1 will be enforced.
- 4.** Surface facilities on pad should be placed at cut side of pad to reduce visibility from I-70 and nearby residential areas. Low profile facilities should be installed where feasible. BLM and EnCana representatives will jointly review the pad after completion of pad construction to determine final location of pad facilities.
- 5.** In order to reduce a high degree of visual contrast from dominating the landscape, dark-colored matting or application of a dark pigment on exposed soils will be required to be placed on cuts and fills that are visible from identified KOPs, after construction activities on both the pad and along the access road. Approval is granted for EnCana to use hydraulically applied erosion control mulch and/or biodegradable straw mulch blanket with hydraulically applied erosion control mulch infill with field visit to determine the exact color application.

EnCana Oil & Gas (USA) Inc.

PM-19-7-95 Well Pad

SW1/4 SW1/4, SECTION 19, T 7S, R95W, 6th P.M.



Total Surface Disturbance = 5.50 Acres
(See Sheet 4 for Details)

- NOTES:
- (1) Slope Track and/or Terrace all Slopes and Piles
 - (2) Erosion Control & Seed Topsoil
 - (3) Erosion Control & Seed Outside
 - (4) Slope away from Substructure Areas 1% to 3% to Flow Control

- LEGEND
- PARI = PAD/ACCESS ROAD INTERFACE
 - SR = SEDIMENT RESERVOIR
 - ST = SEDIMENT TRAP
 - R.O.P. = RUN-ON PROTECTION
 - = PERIMETER CONTROL (WATTLES)
 - CSD = CUT SLOPE DIVERSION (BERM TOE OF CUT SLOPE)
 - D = FILL DIVERSION TO SEDIMENT TRAP
 - VGB = VEGETATION BUFFER (UNDISTURBED LAND INSIDE PC)
 - CDM = CHECK DAM
 - FCD = FLOW CONTROL DITCH



(SCALE IN FEET)
906 Main Street
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Phone No. (307) 789-4545

80 0 40 80

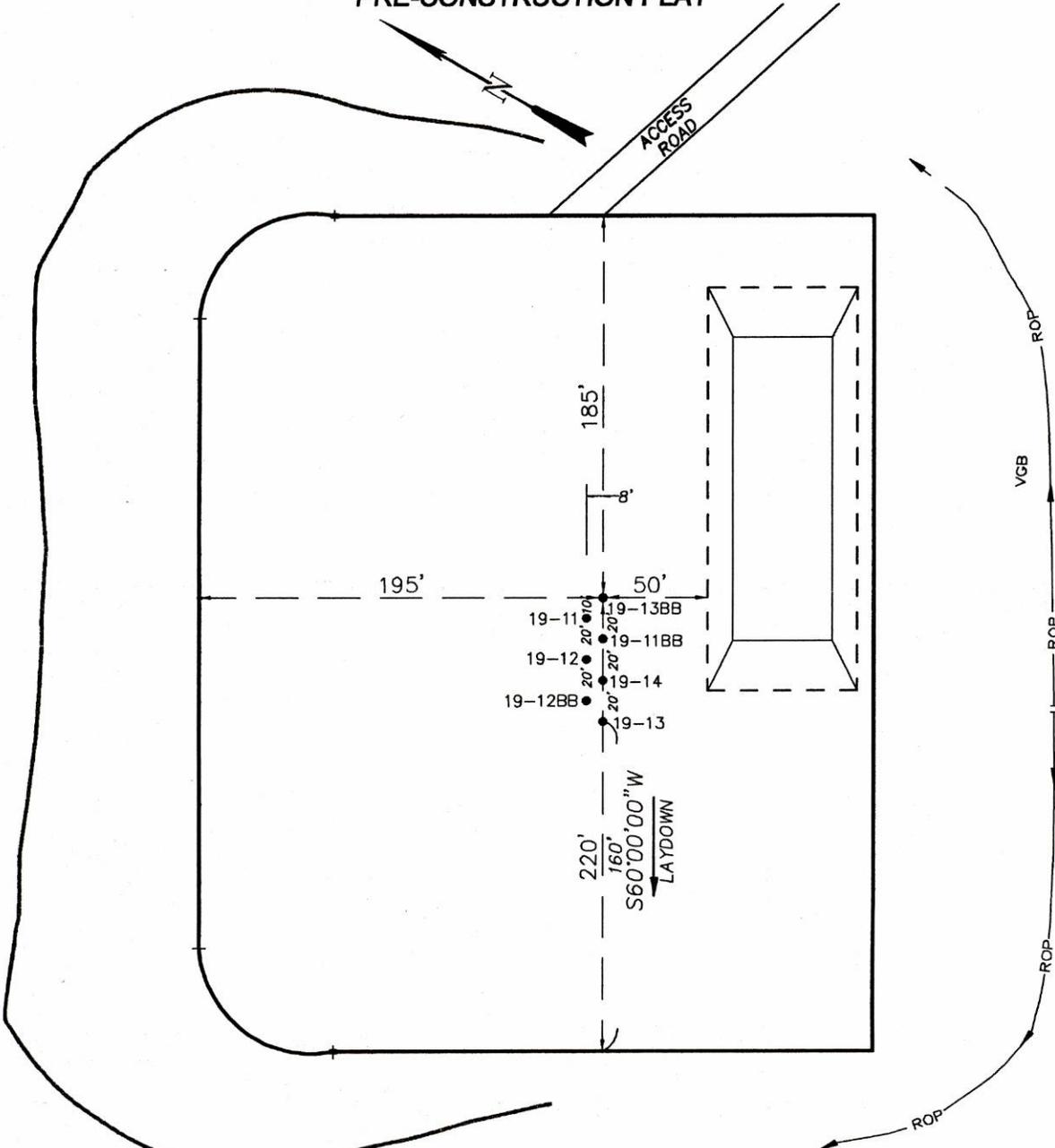
Well Pad Layout		Scale: 1" = 80'	SHEET 3 OF 10	
Project No.	05-04-67	Date Surveyed:		8/23/05
Date Drawn:	9/26/05	Latest Revision Date:		11/15/07

EnCana Oil & Gas (USA) Inc.

PM-19-7-95 Well Pad

SW1/4 SW1/4, SECTION 19, T 7S, R95W, 6th P.M.

PRE-CONSTRUCTION PLAT



Total Surface Disturbance = 5.50 Acres
(See Sheet 4 for Details)

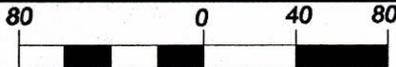
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PRE-CONSTRUCTION PHASE COMPLETE,
AUTHORIZATION TO CONTINUE
CONSTRUCTION.

SIGNATURE: _____

LEGEND

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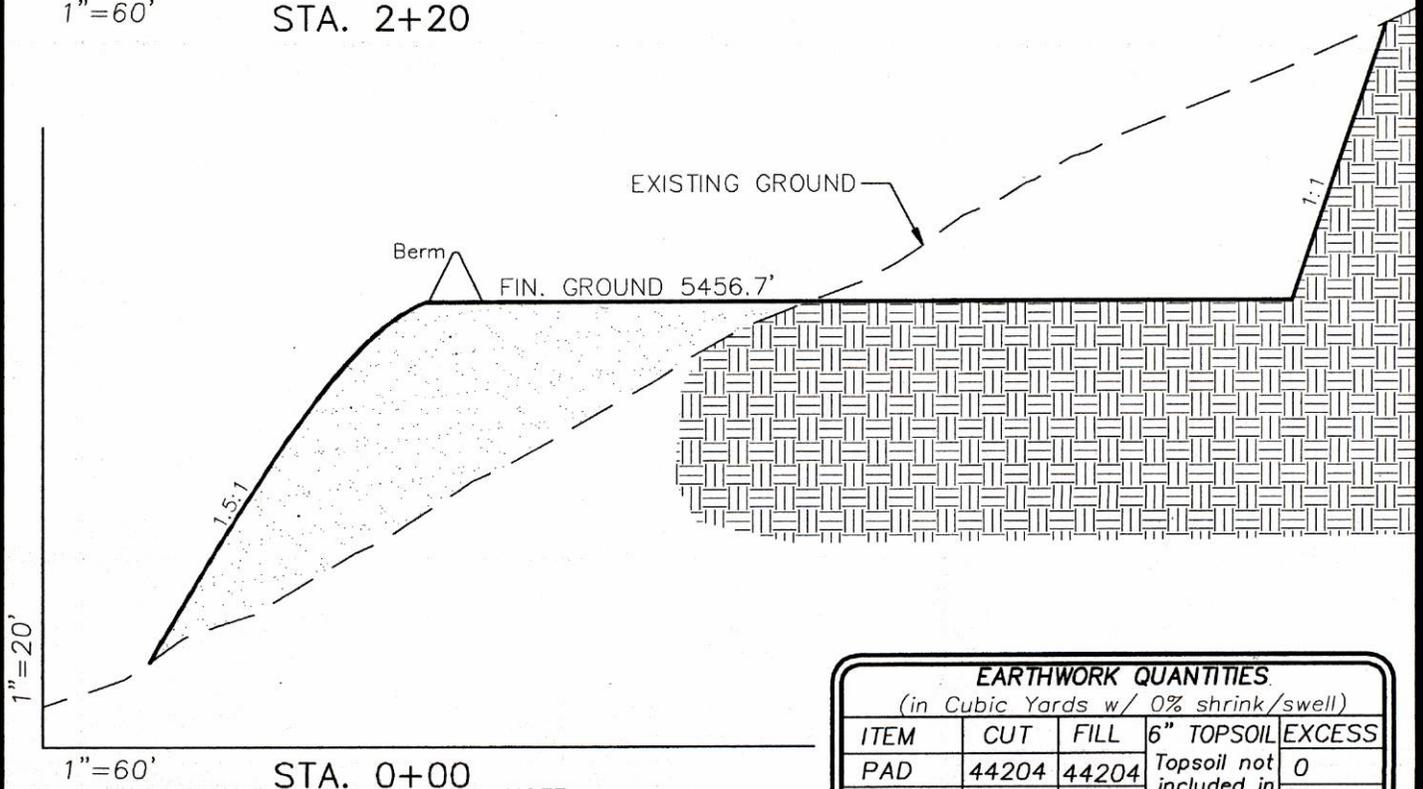
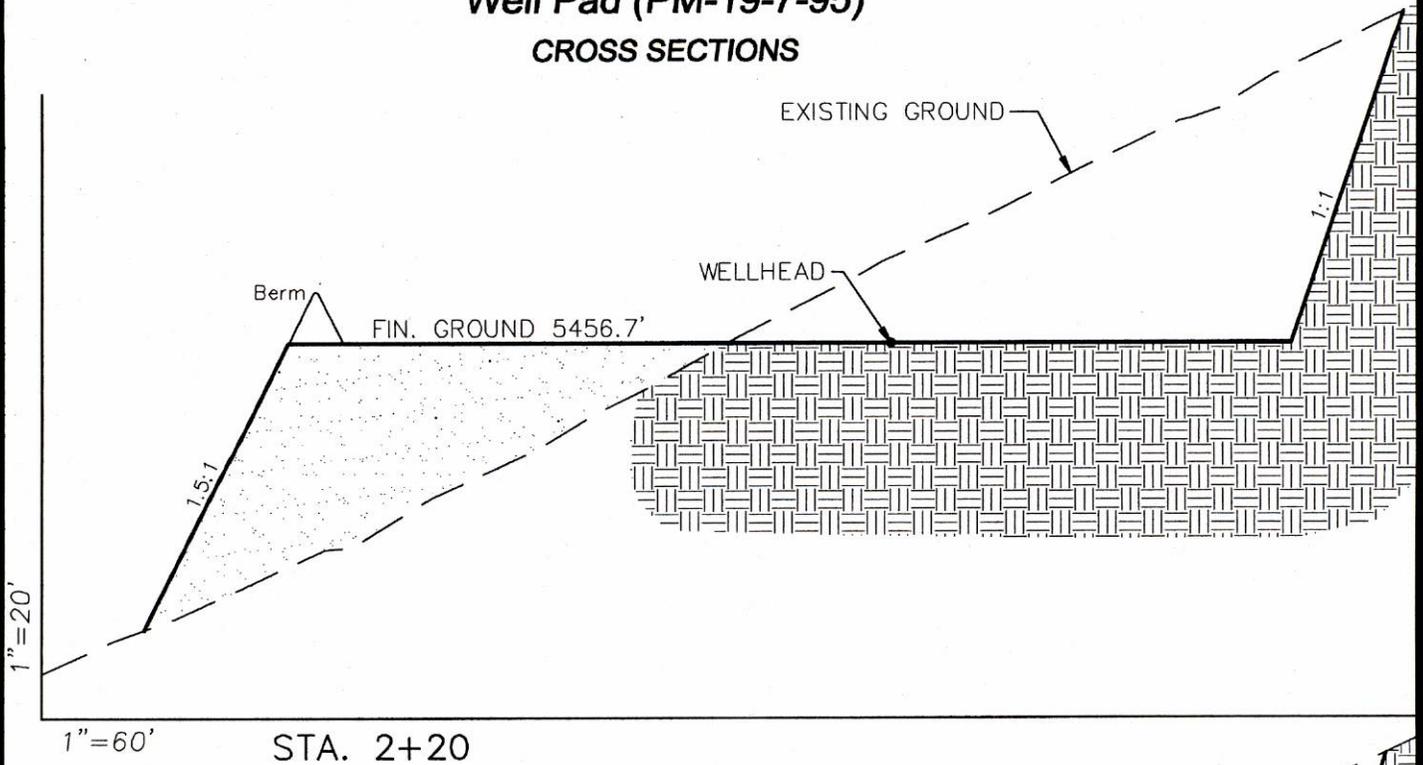


Pre-Construction		Scale: 1" = 80'	SHEET 3a OF 10
Project No.	05-04-67	Date Surveyed: 8/23/05	
Date Drawn:	9/26/05	Latest Revision Date: 11/15/07	

EnCana Oil & Gas (USA) Inc.

Well Pad (PM-19-7-95)

CROSS SECTIONS



SURFACE DISTURBANCE (IN ACRES)	
Well Pad	3.0
Side Slopes	1.1
Topsoil & Waste Material	1.40
TOTAL	5.50

NOTE:
ALL CUT SLOPES ARE AT 1:1 AND ALL FILL SLOPES ARE AT 1.5:1 UNLESS OTHERWISE NOTED.

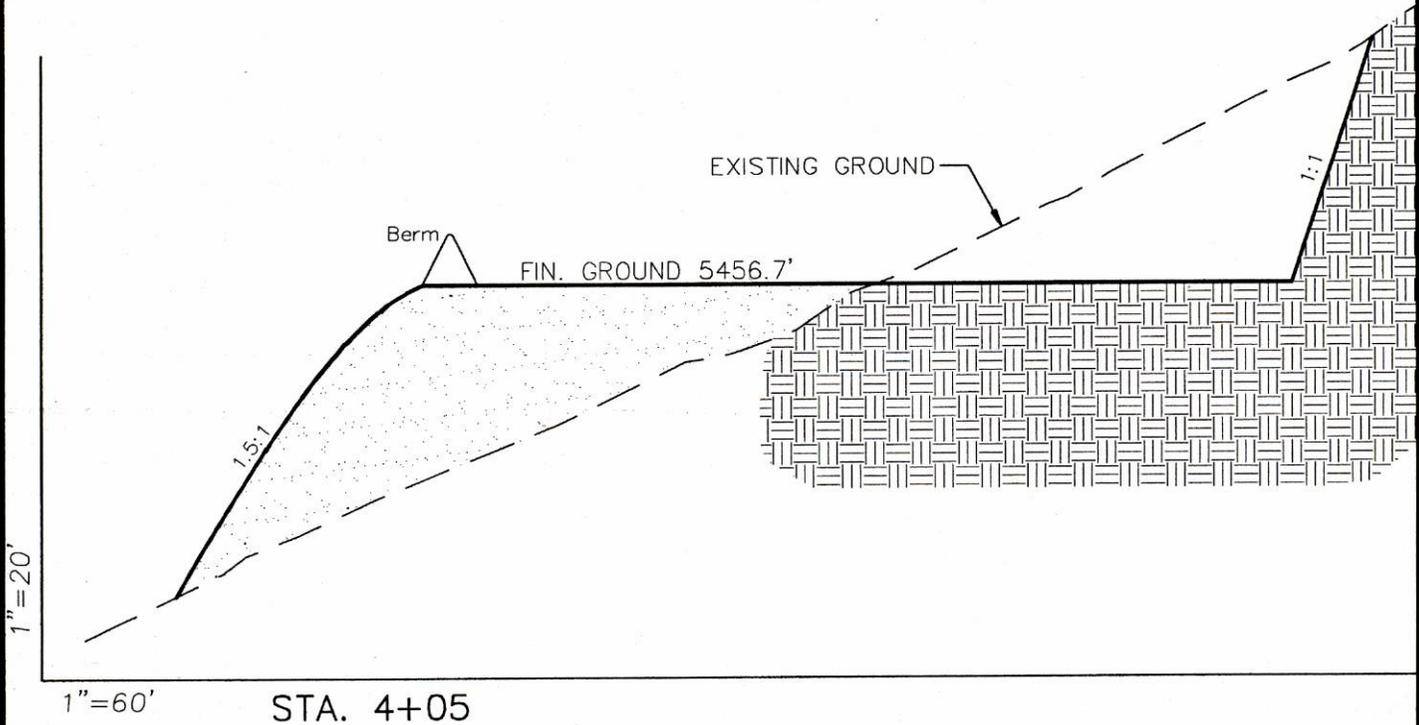
EARTHWORK QUANTITIES (in Cubic Yards w/ 0% shrink/swell)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	44204	44204	Topsoil not included in Excavation	0
PIT	0	0		0
TOTALS	44204	44204	3322	0

Cross Sections		Scale: As Shown	SHEET
Project No.	05-04-67	Date Surveyed:	8/23/05
Date Drawn:	9/26/05	Latest Revision Date:	11/15/07
			4
			OF 10

EnCana Oil & Gas (USA) Inc.

Well Pad (PM-19-7-95)

CROSS SECTIONS



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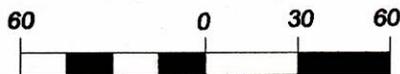
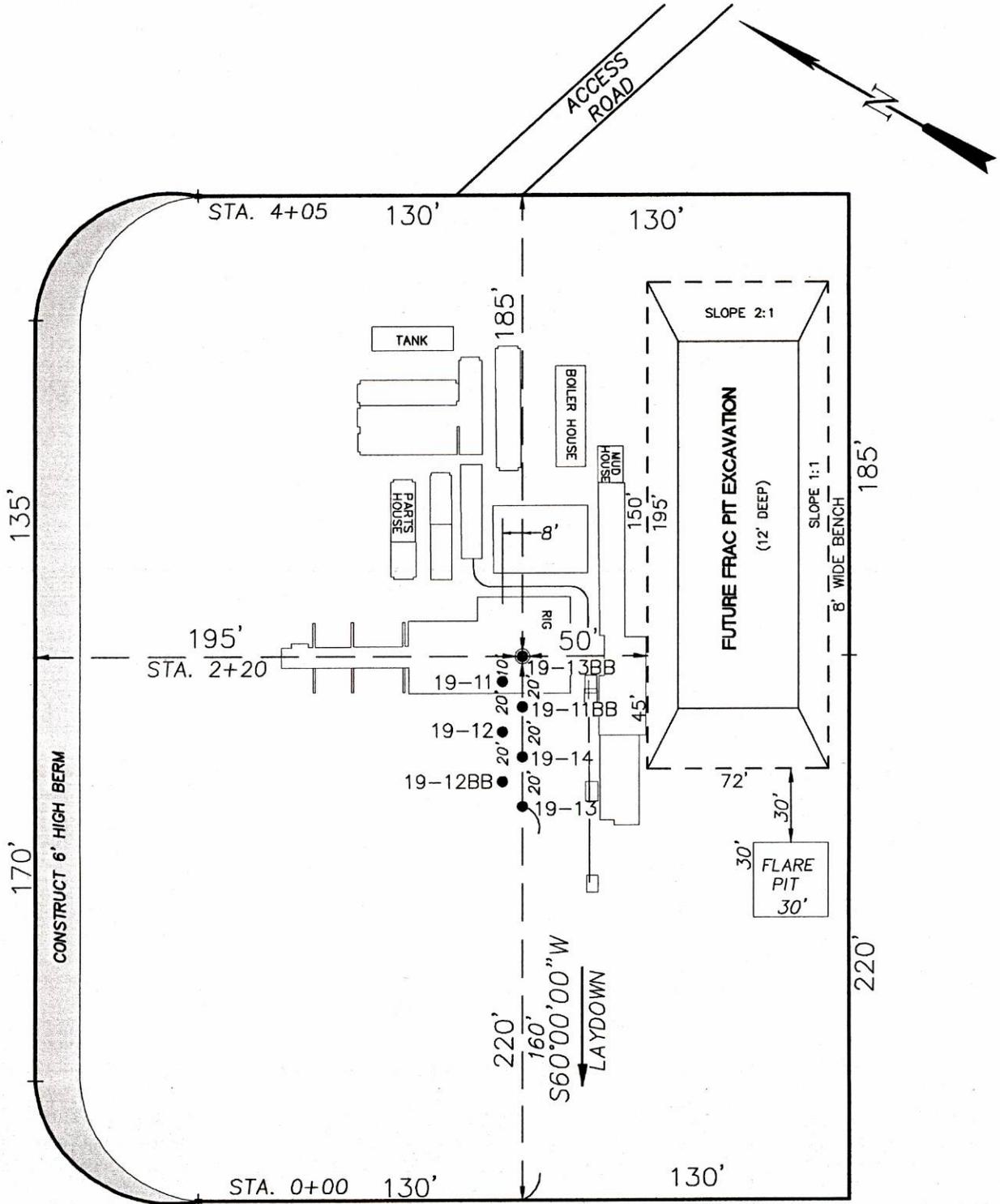
906 Main Street
Evanston, Wyoming 82930
Phone No. (307) 789-4545

Cross Sections		Scale: As Shown	SHEET
Project No.	05-04-67	Date Surveyed: 8/23/05	4a OF 10
Date Drawn:	9/26/05	Latest Revision Date: 11/15/07	

EnCana Oil & Gas (USA) Inc.

Well Pad (PM-19-7-95)

TYPICAL RIG LAYOUT



(SCALE IN FEET)



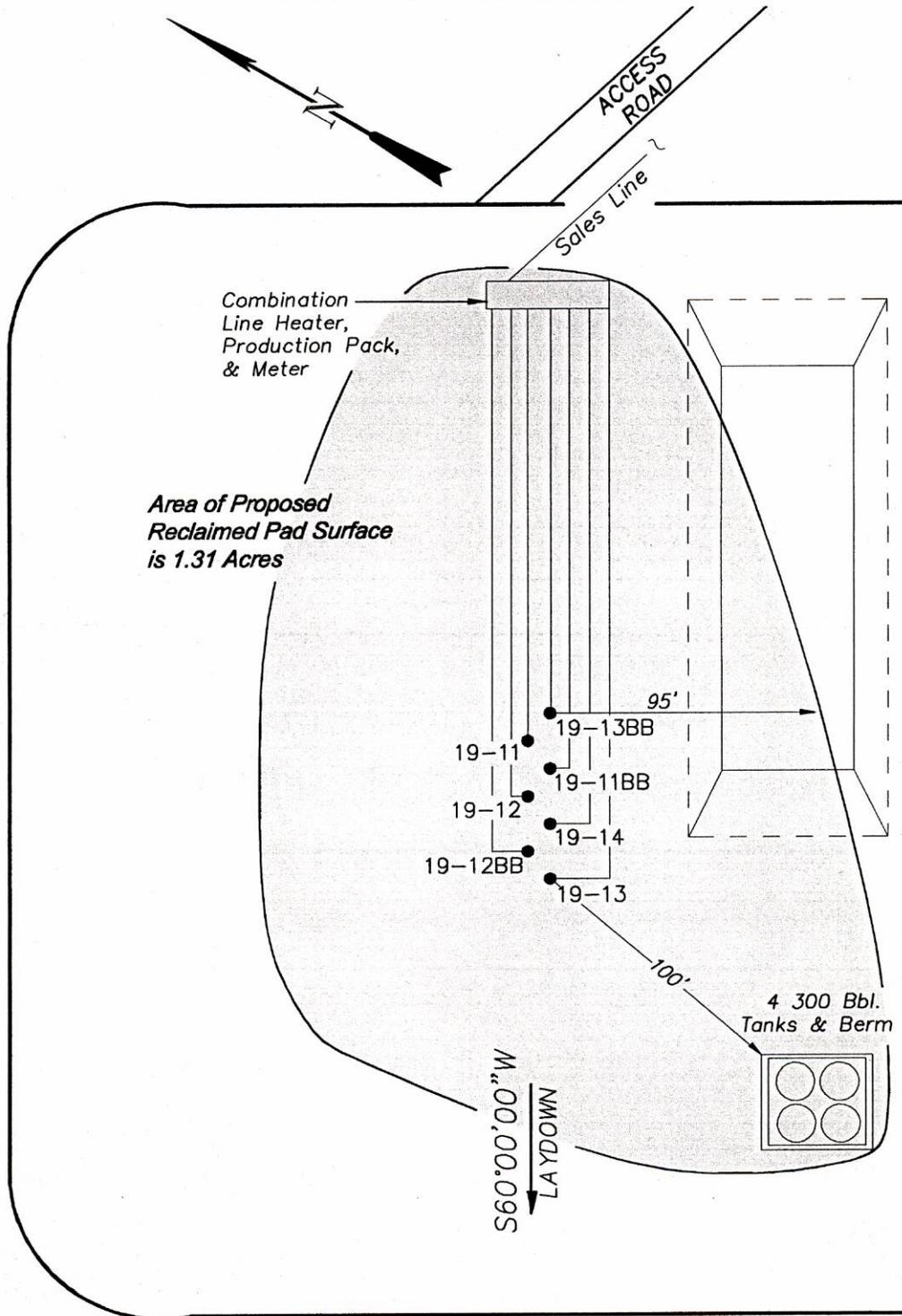
906 Main Street
Evanston, Wyoming 82930
Phone No. (307) 789-4545

Rig Layout		Scale: 1" = 60'	SHEET 5 OF 10
Project No.	05-04-67	Date Surveyed: 8/23/05	
Date Drawn:	10/31/06	Latest Revision Date: 11/15/07	

EnCana Oil & Gas (USA) Inc.

Well Pad (PM-19-7-95)

PRODUCTION SCHEMATIC



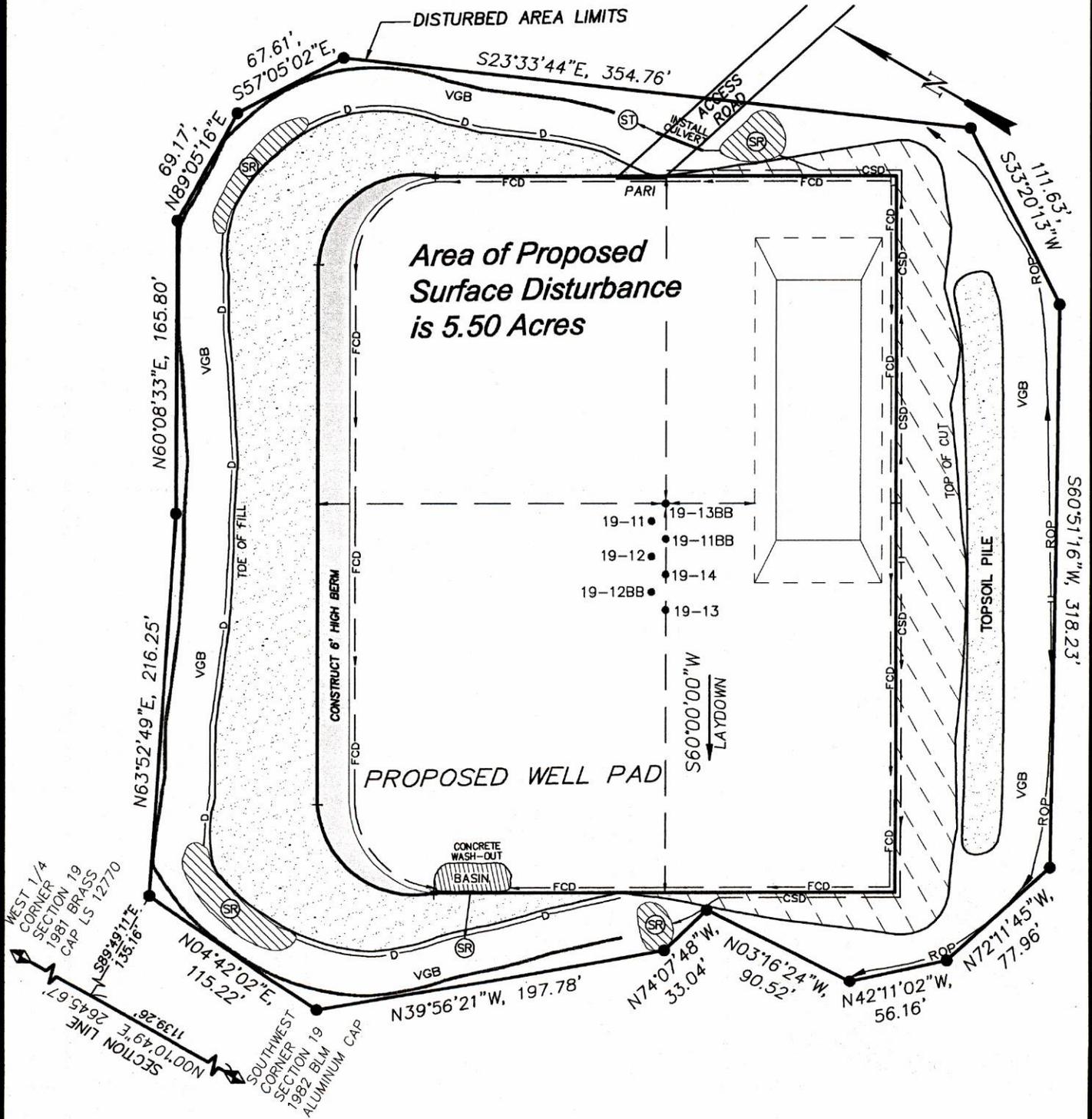
(SCALE IN FEET)



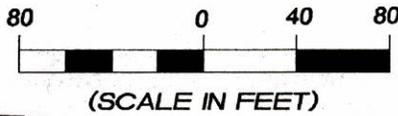
906 Main Street
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Production Schematic		Scale: 1" = 60'	SHEET
Project No.	05-04-67	Date Surveyed:	8/23/05
Date Drawn:	10/31/06	Latest Revision Date:	11/15/07
			6
			OF 10

EnCana Oil & Gas (USA) Inc.
Well Pad (PM-19-7-95)
Section 19, T7S, R95W, 6th P.M.
SURFACE DISTURBANCE AREA

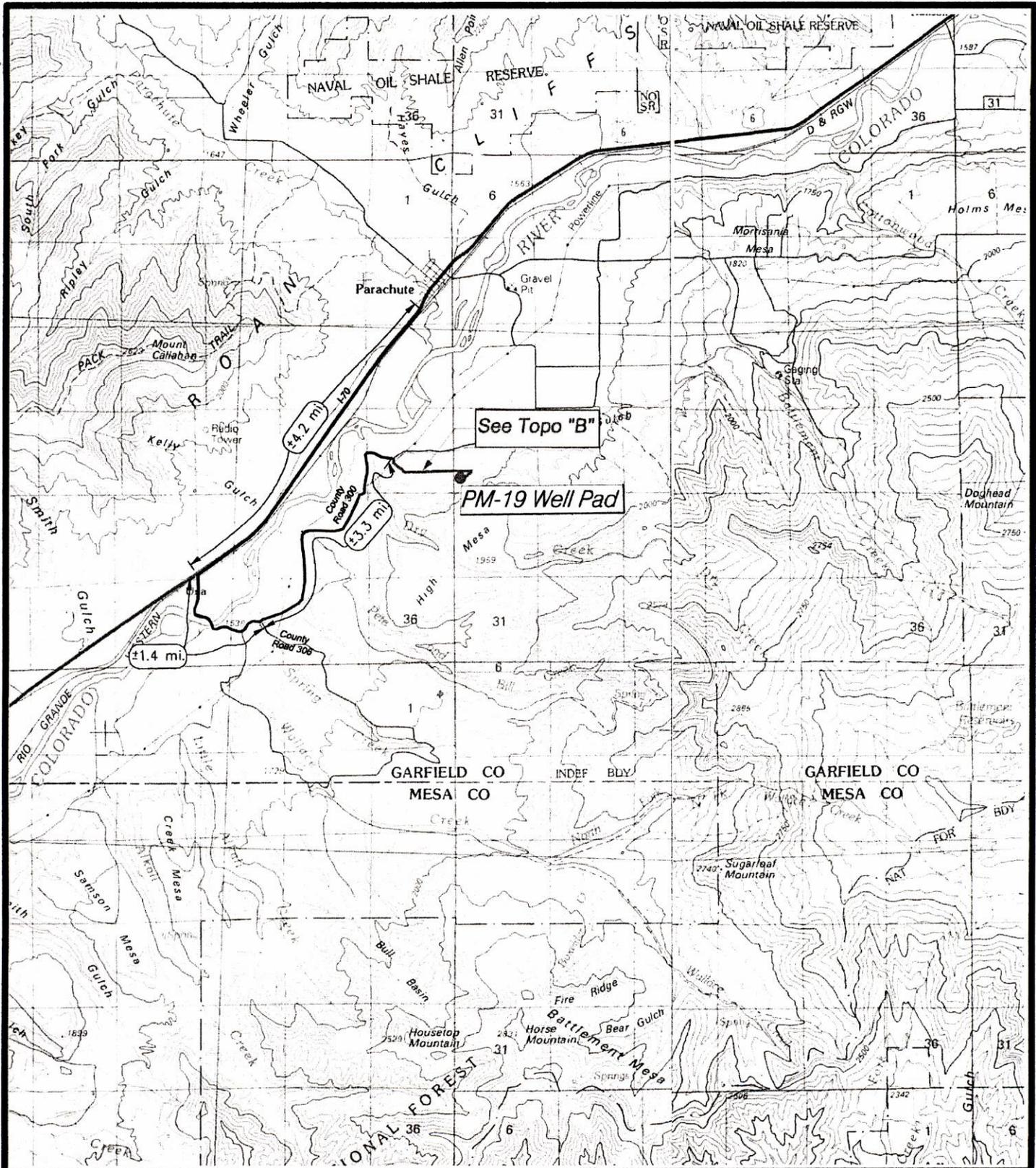


WEST 1/4 CORNER SECTION 19 1981 BRASS CAP LS 12770
 $N89^{\circ}29'11''E, 135.16'$
 $N60'08'33''E, 165.80'$
 $N63^{\circ}52'49''E, 216.25'$
 $N60'08'33''E, 165.80'$
 $N60'10'49''E, 2645.67'$
 $N139.26'$
 $N04^{\circ}42'02''E, 115.22'$
 $N39^{\circ}56'21''W, 197.78'$
 $N74^{\circ}07'48''W, 33.04'$
 $N03^{\circ}16'24''W, 90.52'$
 $N42^{\circ}11'02''W, 56.16'$
 $N72^{\circ}11'45''W, 77.96'$
 $S60^{\circ}51'16''W, 318.23'$



906 Main Street
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Surface Disturbance		Scale: 1" = 80'	SHEET
Project No.	05-04-67	Date Surveyed:	8/23/05
Date Drawn:	10/31/06	Latest Revision Date:	11/15/07
			7
			OF 10



EnCana Oil & Gas (USA) Inc.

Well Pad PM-19-7-95

Section 19, T7S, R95W, 6th P.M.

Garfield County, Colorado



906 Main Street
Evanston, Wyoming 82930
Phone No. (307) 789-4545

DATE: November 2, 2007

SCALE: 1:100,000

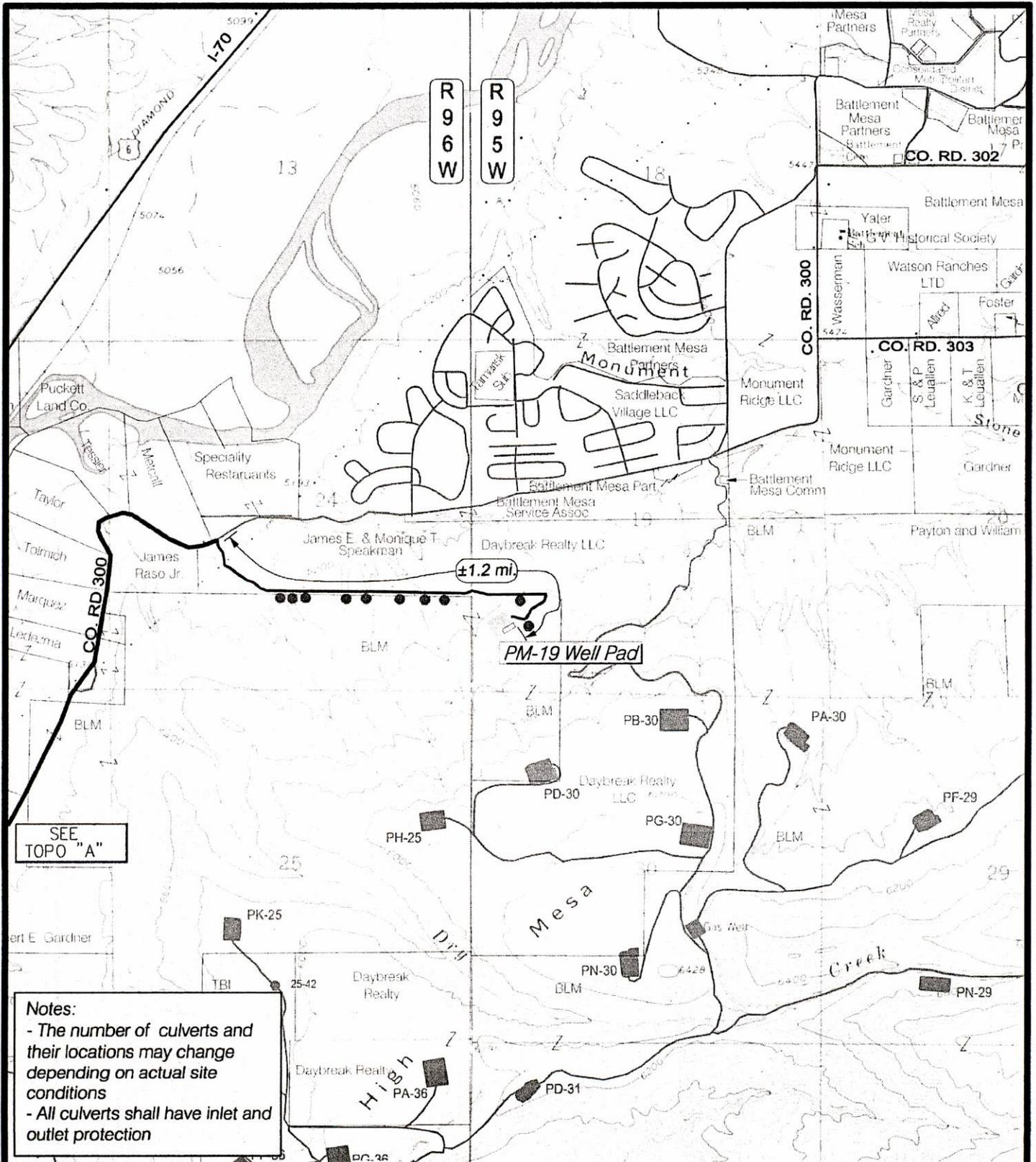
PROJECT NO.: 05-04-67

—LEGEND—

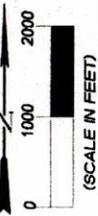
- Existing Road
- Proposed Road

**Topo
"A"**

SHEET
8
OF 10



Notes:
 - The number of culverts and their locations may change depending on actual site conditions
 - All culverts shall have inlet and outlet protection

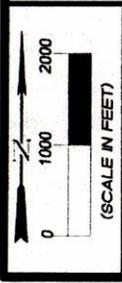
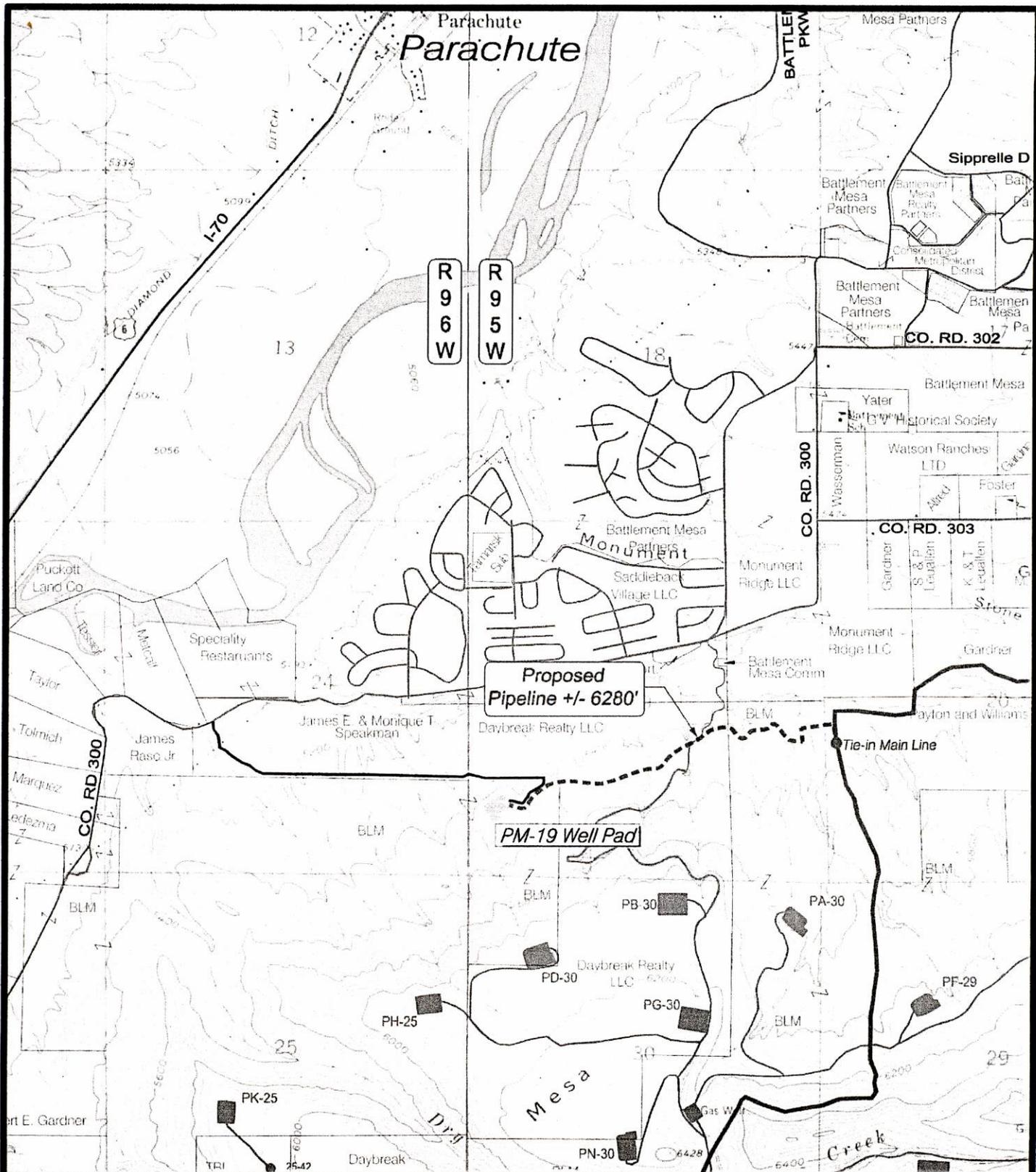


EnCana Oil & Gas (USA) Inc.
 Well Pad PM-19-7-95
 Section 19, T7S, R95W, 6th P.M.
 Garfield County, Colorado

WASATCH SURVEYING
 906 Main Street
 Evanston, Wyoming 82930
 Phone No. (307) 789-4545

DATE: November 2, 2007
 SCALE: 1" = 2000'
 PROJECT NO.: 05-04-67

-LEGEND-	
●	Proposed Culvert
—	Existing Road
—	Proposed Road
Topo "B"	SHEET 9 OF 10



EnCana Oil & Gas (USA) Inc.
Well Pad PM-19-7-95
Section 19, T7S, R95W, 6th P.M.
Garfield County, Colorado

WASATCH SURVEYING
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DATE: November 2, 2007
 SCALE: 1" = 2000'
 PROJECT NO.: 05-04-67

-LEGEND-	
	Proposed Access
	Existing Gas Line
	Proposed Gas Line
Topo "D"	SHEET
	10
	OF 10