

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	<input checked="" type="checkbox"/>	
Topo Map w/ Pit Location	<input checked="" type="checkbox"/>	
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
 Name of Operator: Encana Oil & Gas (USA) Inc.
 Address: 370 17th Street, Suite 1700
 City: Denver State: CO Zip: 80202

Contact Name and Telephone:
Chris Hines
 No: 970-285-2653
 Fax: _____

API Number (of associated well): 334270(Location ID) OGCC Facility ID (of other associated facility): _____
 Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE Sec. 25 T7S R93W (J25W)
 Latitude: 39.414196 Longitude: 107.720739 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: J25W Pit/Facility No: N/A 25
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: -4065 ground water: -100 water wells: -4440
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): _____
 Subdivided: Industrial Commercial Residential
SOILS (or attach copy of Form 2A if previously submitted for associated well)
 Soil map units form USNRCS survey: Sheet No: _____ Soil Complex/Series No: 7
 Soils Series Name: Ascalon-Pena Complex 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: -300 Width: -90 Depth: -12
 Calculated pit volume (bbls): 48600 Daily inflow rate (bbls/day): _____
 Daily disposal rates (attach calculations): Evaporation: _____ bbls/day Percolation: _____ bbls/day
 Type of liner material: HDPE Thickness: 30 mil
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): Mechanical Settling/Separating
 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: Heather Mitchell Signed: Heather Mitchell
 Title: Regulatory Analyst Date: 9.27.11

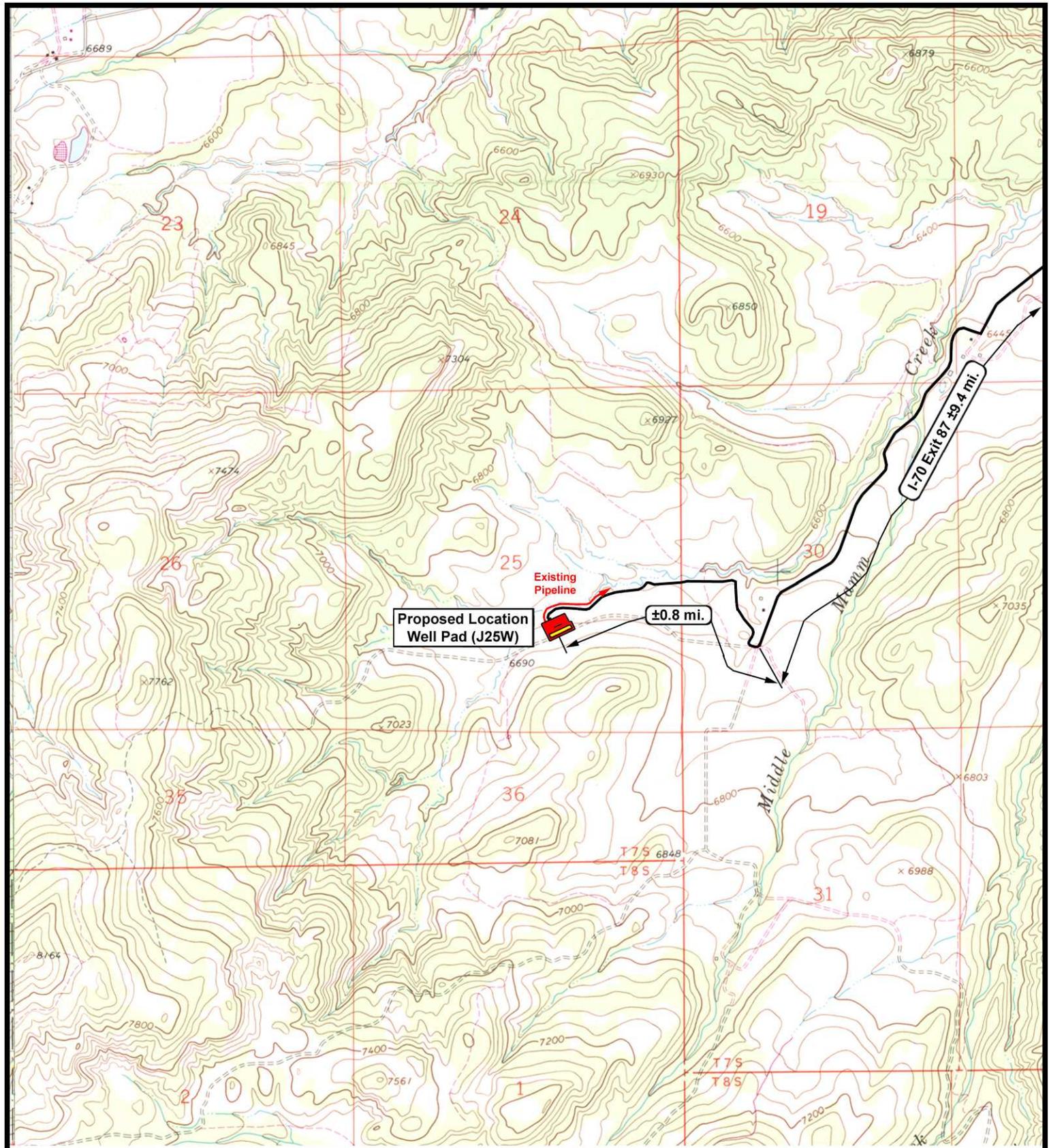
OGCC Approved: Carly Higgins Title: FOR Greg Deranlean Date: 10/05/2011

CONDITIONS OF APPROVAL, IF ANY:

Pit report submitted retroactively to establish pit facility #D# for closure purposes. Form 27 to be submitted shortly.

FACILITY NUMBER: 425761

OGCA Supervisor



EnCana Oil & Gas Inc.

**Well Pad (J25W)
SEC. 25, T7S, R93W, 6th P.M.**



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: bgm
DATE: 09-15-2005

Legend	
	Roads
	Existing Gas Line
"D"	
TOPOGRAPHIC MAP	SHEET 11 OF 11

encana™



0 75 150 Feet

1 inch = 100 feet



J25W Well Pad

Mamm Creek Field

Garfield County, Colorado

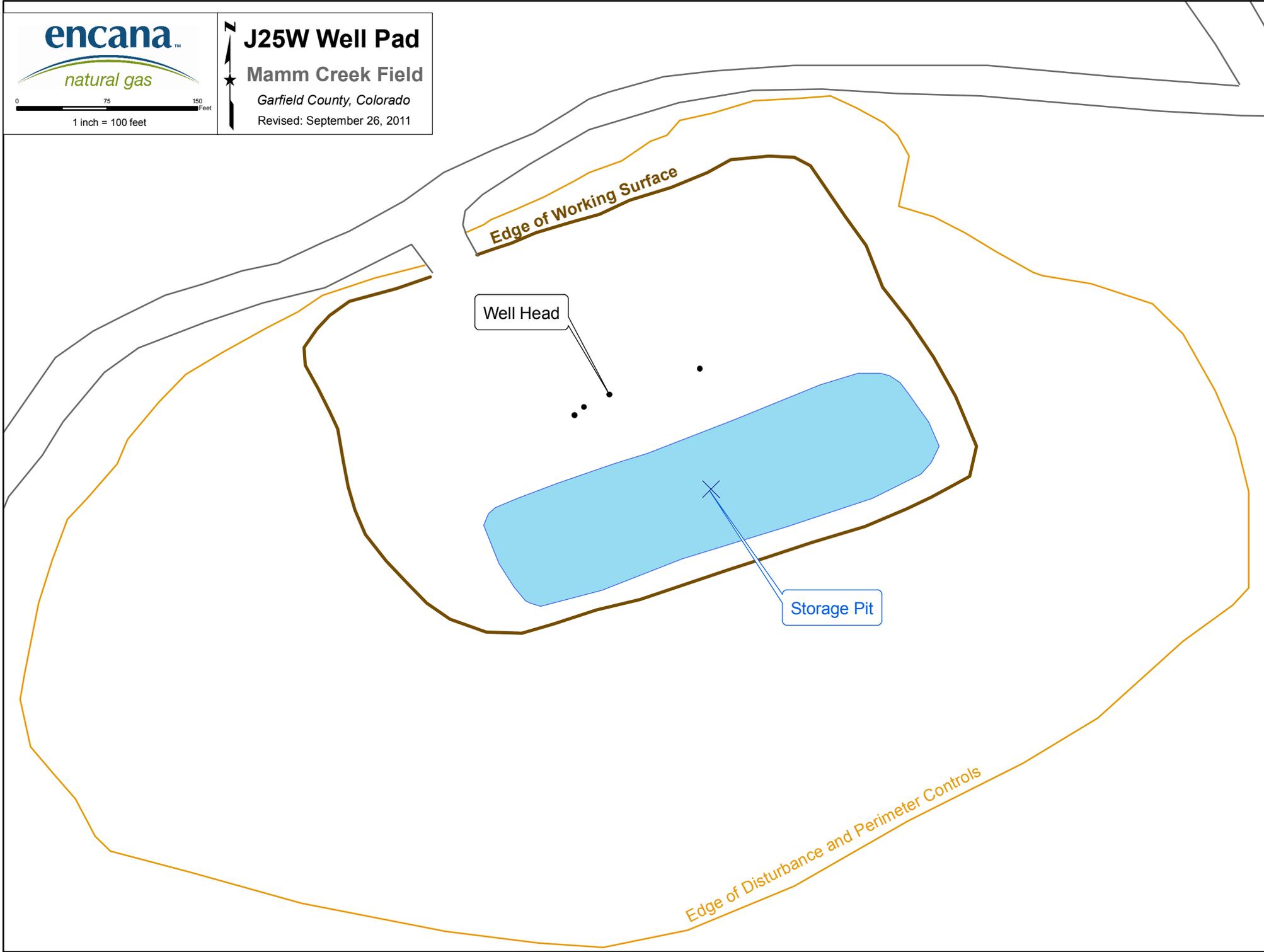
Revised: September 26, 2011

Edge of Working Surface

Well Head

Storage Pit

Edge of Disturbance and Perimeter Controls



FORM 15 (Earthen Pit Report/Permit) Narrative Attachment

SP J25W Pad – 334270(Location ID)

Document Date – 09/23/2011

This pit report was prepared in support of closure activities on historic and unpermitted pit on the SP J25W pad. Encana has limited internal documentation on the original use and construction of the pit. The intent of this submittal is not to justify continued operation of the pit, but to provide a facility ID number to reference during all correspondence associated with pit closure site investigation and remediation activities.

Is the location in a “Sensitive Area?”

No, based on the distance to surface water and the depth to ground water, this location is not found in a sensitive area.

Description of pit use:

The pit on this well pad provided storage for treated water used in support of hydraulic fracturing operations. The pits were constructed on the cut-slope and were supplied filtered produced water via pipeline from the Benzel Treatment Facility, located in the SWNE of Section 26, T7S, R93W or Hunter Mesa Treatment Facility, located in SESE of Sec. 1 T7S, R93W in Garfield County or transferred from flowback tanks after mechanical settling.