

FORM

19

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

RECEIVED
12/16/2013

SPILL/RELEASE REPORT

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

Spill report taken by:

FACILITY ID:

OPERATOR INFORMATION

Name of Operator: <u>BERRY PETROLEUM COMPANY</u>	OGCC Operator No: <u>10091</u>	Phone Numbers
Address: <u>1999 Broadway, Suite 3700</u>		No: <u>(303) 999-4245</u>
City: <u>Denver</u>	State: <u>CO</u> Zip: <u>80202</u>	Fax: <u>(303) 999-4345</u>
Contact Person: <u>Bryan Burns</u>		E-Mail: <u>bob@bry.com</u>

DESCRIPTION OF SPILL OR RELEASE

Date of Incident: <u>12/04/13</u>	Facility Name & No.: <u>CHEVRON D20 696</u>	County: <u>GARFIELD</u>
Type of Facility (well, tank battery, flow line, pit): <u>Well Pad</u>		QtrQtr: <u>NWNW</u> Section: <u>20</u>
Well Name and Number: <u>CHEVRON # 18-344D</u>		Township: <u>6S</u> Range: <u>96W</u>
API Number: <u>05-045-11035</u>		Meridian: <u>6th</u>
Specify volume spilled and recovered (in bbls) for the following materials:		
Oil spilled: _____ Oil recov'd: _____	Water spilled: <u>10bbl</u> Water recov'd: _____	Other spilled: _____ Other recov'd: _____
Ground Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Surface Water impacted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Contained within berm? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Area and vertical extent of spill: <u>15' x 20'</u> x <u>8'</u>	
Current land use: <u>Oil and Gas Exploration Development</u>	Weather conditions: <u>Light snowfall, temperatures below freezing.</u>	
Soil/geology description: <u>Parachute loam, Parachute-Rhyme loams, colluvium derived from sedimentary rock</u>		
IF LESS THAN A MILE, report distance IN FEET to nearest.... Surface water: <u>524 ft.</u> wetlands: <u>NA</u> buildings: <u>NA</u>		
Livestock: <u>NA</u> water wells: <u>NA</u> Depth to shallowest ground water: <u>316</u>		
Cause of spill (e.g., equipment failure, human error, etc.): <u>Equipment Failure</u> Detailed description of the spill/release incident:		
During wellhead liquids unloading operations, a sand plug caused a flow line washout at the tie-in to the ground tank. 10bbl of produced water was released outside of containment. Well operator was on site at time and noticed liquid being diverted to tank had decreased, operation was halted.		

CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):
 The operation was stopped immediately once the problem was identified, water was drained from the line, production unit, and associated tanks via vacuum truck

Describe any emergency pits constructed:
 A synthetically lined, earthen bermed surface containment structure was established to store excavated soil

How was the extent of contamination determined:
 A backhoe excavated around the line and removed stained soil until clean material was reached

Further remediation activities proposed (attach separate sheet if needed):
 Soil sampling will take place as soon as possible, and soil will be land farmed onsite until it passes the 910-1 table standards

Describe measures taken to prevent problem from reoccurring:
 Lines will not be installed with restrictive 90 degree angles, damaged lines will be replaced, and more frequent pressure testing of lines will take place to avoid recurrence

OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response
12-7-13	COGCC	Carlos Lujan	(970) 625-2497 ext 7	
12-7-13	Garfield County	Kirby Wynn	(970) 625-5905	
12-7-13	Chevron (landowner)	Craig Tysee	(970) 285-9722	

Spill/Release Tracking No: **2147300**



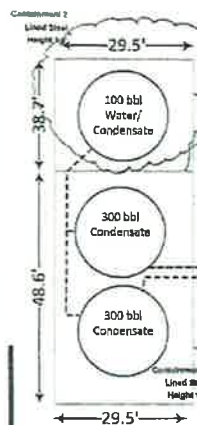
ACCESS ROAD

EARTHEN BERM

Well Pad Perimeter

EXCAVATION

Spoil Pile
(on line
& beyond)



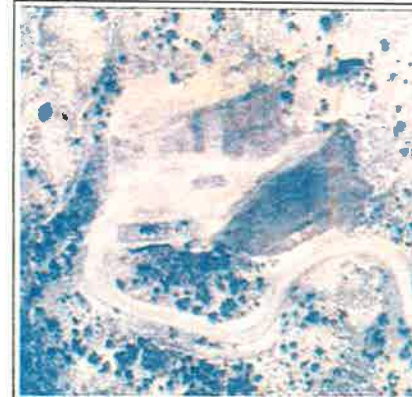
TRUCK
LOADING
AREA

DEAD SEPARATOR

EARTHEN BERM

Well Pad Perimeter

CUT SLOPE
(Higher Ground)



LEGEND

Gathering/Flow Lines	
M	Meter Shed
D	Dehydrator
80 bbl PV	80 Bbl Tank
100 bbl Water/Condensate	100 Bbl Tank
300 bbl Condensate	300 Bbl Oil Tank
Wellhead	
Separator (Single, Dual and/or Quad specified on diagram).	
Containment 1 Lined Steel Height 3"	
Containment 1 Lined Steel Height 3"	
Break in Line Measure	
Surface Drainage	
Earthen Berm	

DRAWN BY:

NH

DATE:

9/5/13

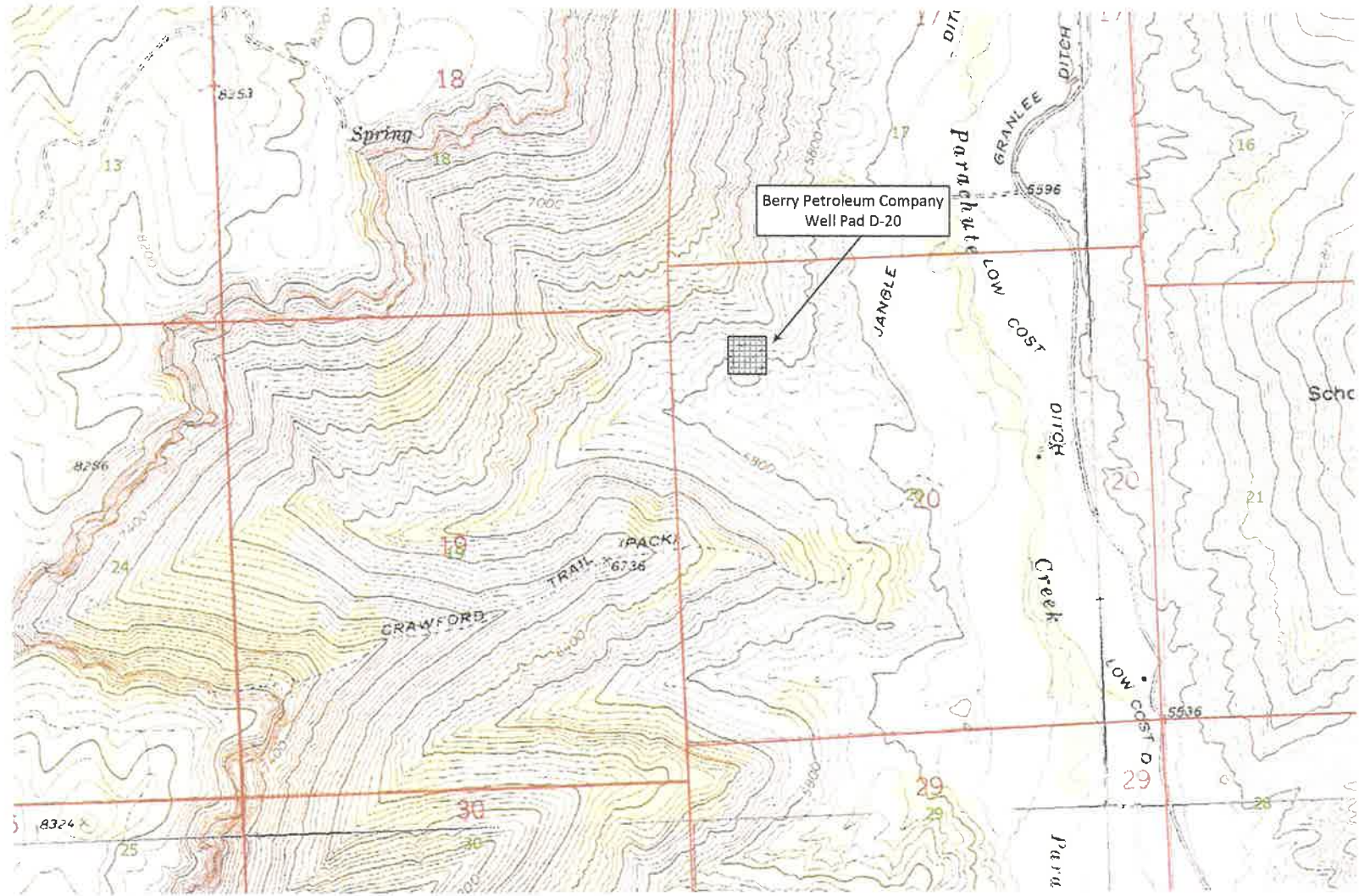
Prepared By:



Prepared For:

Facility Diagram - Figure 1

Berry D-20
Grand Valley Field
NW/NW, Sec 20, Township 6S, Range 98W
Latitude: 39.513887 Longitude: -108.138810
Garfield County, CO



1895 Broadway
Suite 3700
Denver, CO 80202



Summit
SERVICES GROUP

7796 East Napa Place
Denver, Colorado 80237

Topo/Location Map
Berry D-20
Grand Valley Field

NW/NW, Sec 20, Township 6S, Range 96W
Latitude: 00.000000 Longitude: -000.000000
Garfield County, CO

SHEET REFERENCE
NUMBER:
Location
Map