



26 June 2007

Mr. Larry Johnson
Environmental Engineer Specialist
New Mexico Oil Conservation Division
1625 North French Drive
Hobbs, NM 88240

RE: Delineation Proposal – ConocoPhillips Britt B #24 Well
NMOCD 1RP #368; EPI Ref. #150015
UL-L (NW¼ of the SW¼) of Section 11, Township 20 South, Range 37 East
Latitude N 32° 35' 07.81" and Longitude W 103° 13' 47.46"

Dear Mr. Johnson:

On 12 January 2006, a release from a 2-inch steel flowline occurred due to probable internal corrosion. The release consisted of approximately 38 barrels of crude oil and produced water, of which 20 barrels were recovered. ConocoPhillips retained Environmental Plus, Inc. (EPI) in January 2006 to delineate the extent of impacted soil at the site. This letter report documents site assessment and recommends further delineation via soil borings or test trenches.

Site Background

The site is located in the NW¼ of the SW¼ of Section 11, Township 20 South, Range 37 East at an elevation of approximately 3,597 feet above mean sea level (reference *Figures 1 and 2*). The property is owned by the South West Cattle Company (i.e., Mr. Trent Stradley). A search for area water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). A total of 6 wells were recorded in the databases searched. The well identified as USGS #1 was the closest well to the site with a recorded groundwater depth. The most recent gauging indicated a groundwater depth of 26.95-feet below ground surface (bgs). No water supply wells or bodies of surface water were found to be located within a 1,000-foot radius of the release location (reference *Figure 2*). Based on this information, it was determined that the distance between the contamination and groundwater was less than 50 feet. Utilizing this information, it was determined that the New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this site are as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	100 parts per million

***Chloride and Sulfate residuals may not be capable of impacting groundwater above NMWQCC of 250 mg/L and 600 mg/L, respectively*

Field Work

Upon discovery, ConocoPhillips personnel shut in the well, repaired and tested the line in addition to inspection for other potential signs of failure. EPI field personnel conducted an initial site

assessment of 13 January 2006 to photograph and document the extent of the release. Based on the initial site assessment, the release flowpath consisted of approximately 3,280-square feet of pasture and an overspray area of 545-square feet to an unknown depth.

Recommendations

Based on initial site assessment activities, it is recommended that a soil boring be advanced initially at the point of release then at 100-foot intervals along the extent of release for a total of five (5) soil borings (reference *Figure 4*). Soil samples should be collected at 2-foot and 5-foot bgs and at 5-foot intervals thereafter until two (2) consecutive samples are below remedial threshold/goals. Remedial threshold/goals will be determined in the field utilizing a portion of each sample for organic vapor and chloride concentration analyses. The remaining portion will be submitted to an independent laboratory for verification of total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene and total xylenes (BTEX constituents); chlorides and sulfates. A remediation proposal will be developed upon receipt of laboratory analytical data.

Should you have any questions or concerns, please feel free to contact me at (505) 394-3481 or via e-mail at jstegemoller@envplus.com. Upon your approval, EPI will initiate the next phase of the remediation. All official correspondence should be submitted to Jesse Sosa at:

Jesse Sosa
ConocoPhillips Corporation
1410 West County Road
Hobbs, NM 88240
(505) 391-3126
jesse.a.sosa@conocophillips.com

Sincerely,

ENVIRONMENTAL PLUS, INC.

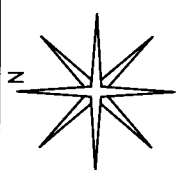
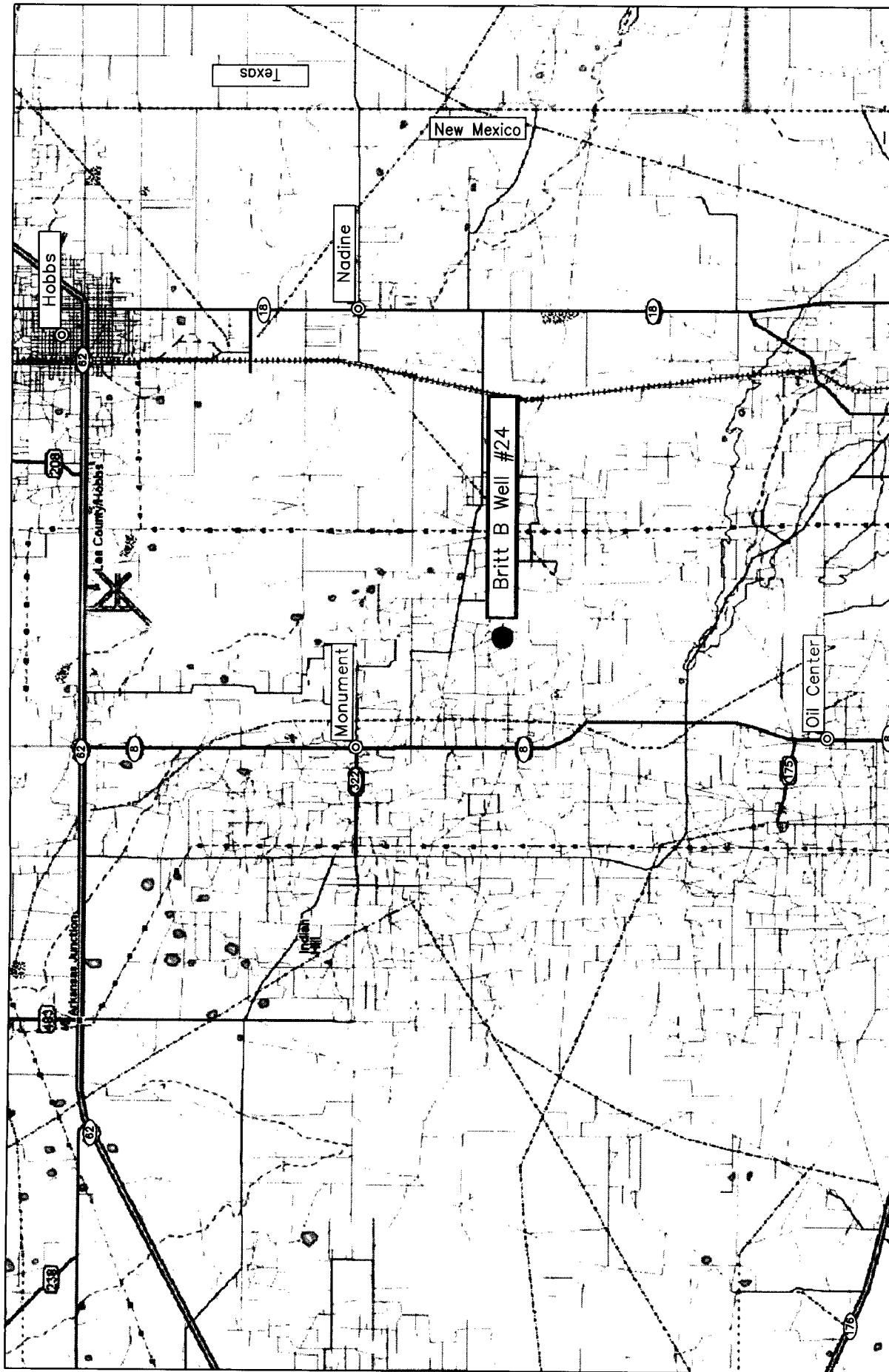


Jason Stegemoller
Environmental Scientist

cc: John Abney, ConocoPhillips – Hobbs, NM
Trent Stradley, Southwest Cattle Company – Hobbs, NM
File

encl. Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site Map
Figure 4 – Proposed Soil Boring Location Map
Table 1 – Well Information Report
Attachment I – Informational Copy of Initial C-141
Attachment II – Site Photographs

FIGURES

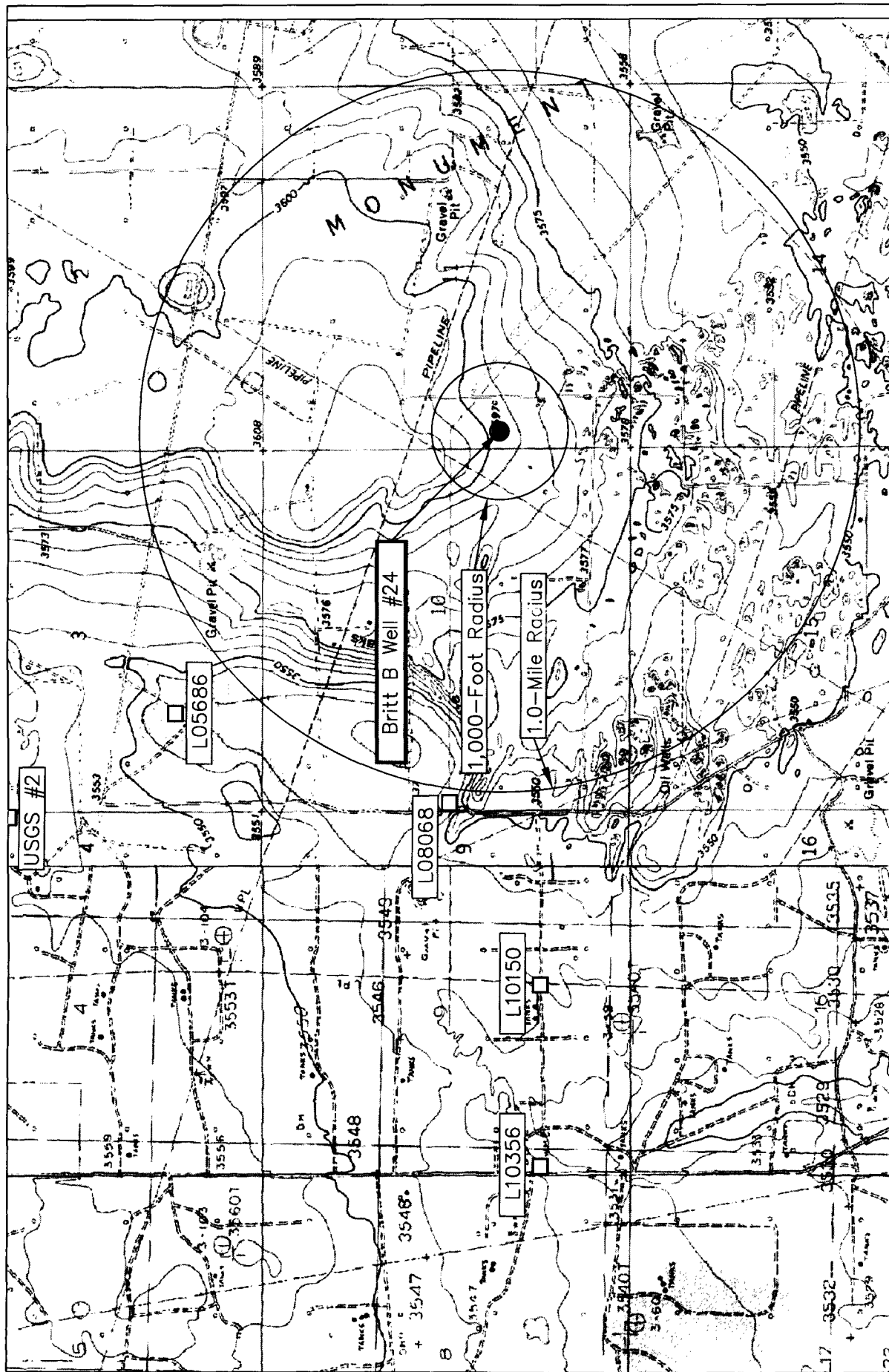


REVISED:
DWG By: Jason Stegemoller
February 2007

Lea County, New Mexico
NW 1/4 of the SW 1/4, Sec. 11, T20S, R37E
N 32° 35' 07.81" W 103° 13' 47.46"
Elevation: 3,597 feet amsl

Figure 1
Area Map
ConocoPhillips
Britt B Well #24

0 2.5 5.0 SHEET
Miles 1 of 1



<p>Figure 2</p> <p>Site Location Map</p> <p>ConocoPhillips</p> <p>Britt B Well #24</p>	<p>Lea County, New Mexico</p> <p>NW 1/4 of the SW 1/4, Sec. 11, T20S, R37E</p> <p>N 32° 35' 07.81" W 103° 13' 47.46"</p> <p>Elevation: 3,597 feet amsl</p>		<p>DWG By: Jason Stegemoller</p> <p>February 2007</p>	<p>REVISED:</p>	<p>0 2,000 4,000 Feet</p> <p>1 of 1</p>
	<p>North Arrow</p>				

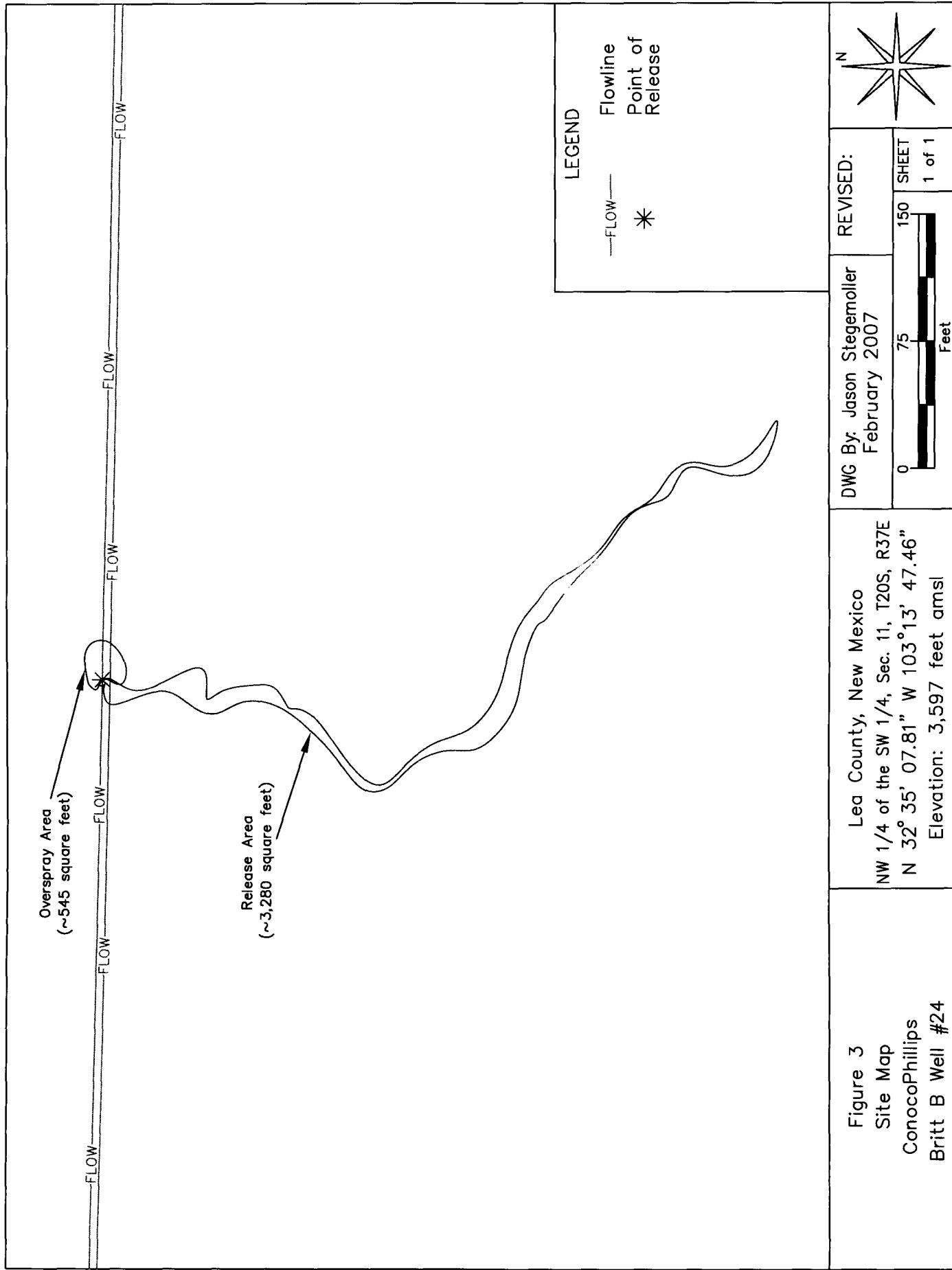


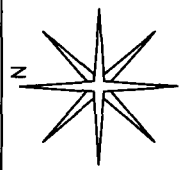
Figure 3
Site Map
ConocoPhillips
Britt B Well #24

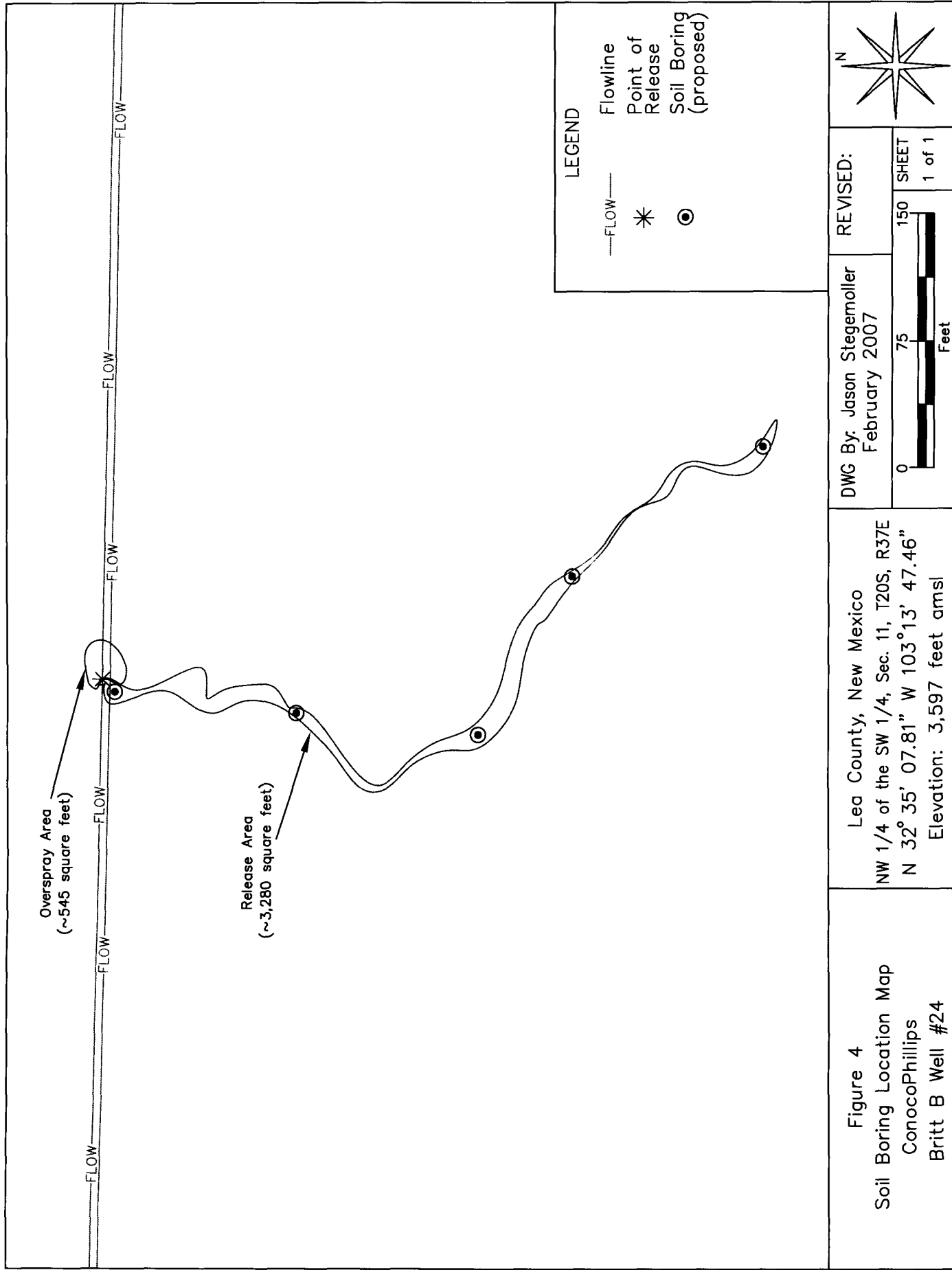
Lea County, New Mexico
NW 1/4 of the SW 1/4, Sec. 11, T20S, R37E
N 32° 35' 07.81" W 103° 13' 47.46"
Elevation: 3,597 feet amsl

DWG By: Jason Stegemoller
February 2007

REVISED:

SHEET
1 of 1





TABLES

TABLE 1

WELL INFORMATION REPORT*

ConocoPhillips - Britt B Well #24 (EPI Ref. #150015)

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
L 05686	0	Gulf Oil Corporation	PRO	20S	37E	03 3 2 3	N32° 35' 54.21"	W103° 14' 35.42"		3,543	
L 08068	0	S W Cattle Company	DOM	20S	37E	10 1	N 32° 32' 38.13"	W 103° 15' 36.88"		3,545	
L 10150	0	S&U Cattle Co.	STK	20S	37E	09 4 1	N 32° 33' 43.71"	W 103° 17' 9.8"		3,540	
L 10356	0	S-W Cattle Co.	STK	20S	37E	09 3 1 1	N 32° 33' 43.71"	W 103° 17' 9.8"		3,540	
USGS #1				19S	37E	33 4 4 4	N32° 36' 18.00"	W103° 14' 53.00"	16-Feb-06	3,559	26.95
USGS #2				20S	37E	19 1 1	N 32° 33' 55"	W 103° 15' 15.41"	22-Feb-06	3,522	15.45

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.osc.state.nm.us:7001/iWATERS/wr_RegisServlet) and USGS Database.

Shaded well information indicates well location not shown on Figure 2

^A = in acre feet per annum^B = Interpolated from USGS Topographical Map

STK = Livestock Watering

DOM = Domestic Water Supply

PRO = Production

(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters)

ATTACHMENT I

SITE PHOTOGRAPHS

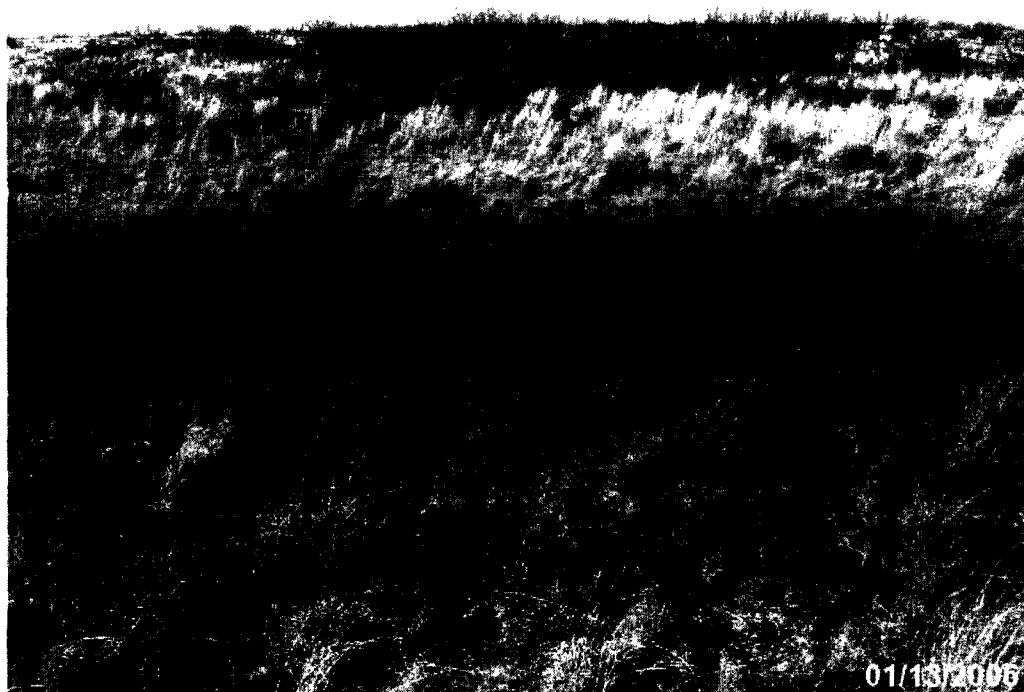


Photo #1 – Looking northerly across point of release and overspray area.

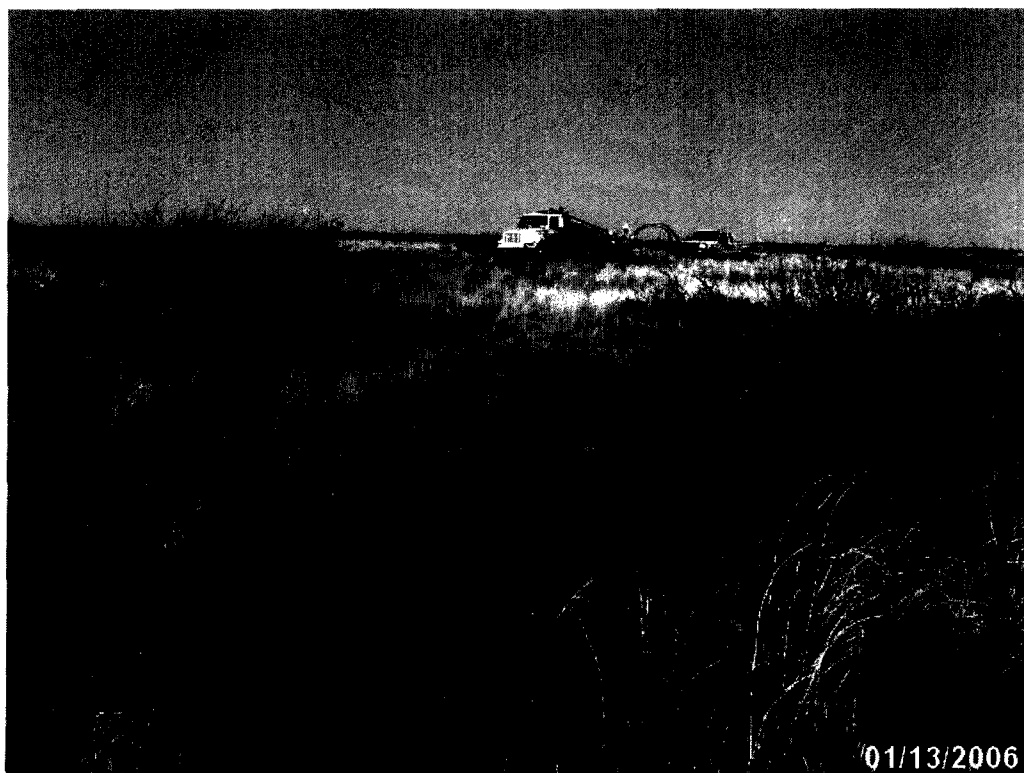


Photo #2 – Looking northeasterly along flowpath.

ATTACHMENT II

INFORMATIONAL
COPY OF INITIAL C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company ConocoPhillips Company	Contact John Abney
Address 4001 Penbrook Street Odessa, TX 79762	Telephone No. (505)391-3128
Facility Name Britt B Well #24	Facility Type Oil Well

Surface Owner BLM	Mineral Owner BLM	Lease No. 031621B
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API # 30 025 212230000

LOCATION OF RELEASE

Unit Letter L	Section 11	Township 20S	Range 37E	Feet from the 1980	North/South Line South	Feet from the 660	East/West Line West	County Lea
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Latitude 32 35.123N Longitude 103 13.763W

NATURE OF RELEASE

Type of Release Oil and Produced water	Volume of Release 38 bbls	Volume Recovered 20 bbls
Source of Release 2" steel flow line	Date and Hour of Occurrence 1/12/06	Date and Hour of Discovery 1/13/06 11am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Pat Caperton	
By Whom? John Abney	Date and Hour 1/13/2006 2:15 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.*
NA


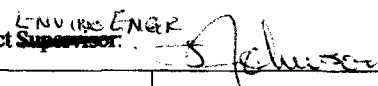
Describe Cause of Problem and Remedial Action Taken.*

A 2" steel flow line leaked possibly due to internal corrosion, a section of the pipe will be cut to determine the cause. The well was shut in until the joint of pipe could be replaced. The line was repaired, and tested and the line was walked out to locate any other signs of potential leaks, none were found.

Describe Area Affected and Cleanup Action Taken.*

The affected area is 3282 sq.ft. The area will be delineated to determine the appropriate clean up procedures.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: John Abney	Approved by District Supervisor: 	
Title: SHEaR Specialist	Approval Date: 6.27.07	Expiration Date: 8.27.07
E-mail Address: john.h.abney@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 01/23/2006 Phone: (505)391-3128	SUBMIT FINAL C-141	

* Attach Additional Sheets If Necessary

ConocoPhillips-217817
Incident # n PAC0603034879
application- PAC0603050368

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