District I Land Report French Dr., Hobbs, NM 88240

District II

1301 W Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St Francis Dr , Santa Fe, NM 87505

District IV

State of New Mexico Energy Minerals and Natural Resources

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

June 16, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.

Form C-144

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:

X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method

Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liabil environment. Nor does approval relieve the operator of its responsibility to comply with	•
Operator: Burlington Resources Oil & Gas Company, LP	OGRID#: 14538
Address: PO Box 4289, Farmington, NM 87499	RCVD JUL 11'08
Facility or well name: Huerfanito Unit #72	OIL CONS. DIV.
API Number: 30-045-06226 OC	CD Permit Number:
U/L or Qtr/Qtr: K(NESW) Section: 28 Township: 27N	Range: 9W County: San Juan
	ongitude: 107.7972000' W NAD: 1927 X 1983
Surface Owner: X Federal State Private Triba	al Trust or Indian Allotment
X Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: X Drilling Workover Permanent Emergency X Cavitation X Lined Unlined Liner type: Thickness 20 mil X LLDPE HDPE PVC Other X String-Reinforced Seams: X Welded X Factory Other	Closed-loop Systems: Subsection H of 19.15.17.11 NMAC Drying Pad Tanks Haul-off Bins Other: Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other: Seams: Welded Factory Other: Volume: bbl yd3
Volume: <u>7000</u> bbl Dimensions: L <u>120'</u> xW <u>55'</u> xD <u>12'</u>	Dimernsions: Lengthx Width
Below-grade tank: Volume:bbl Type of fluid: Tank Construction Material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other: Other: Other:	Fencing: Subsection D of 19.15.17.11 NMAC Chain link, six feet in height, two strangs of barbed wire at top Four foot height, four strands of barbed wire evenly spaced between one and four feet Netting: Subsection E of 19.15.17.11 Screen Netting Other Monthly inspections Signs: Subsection C of 19.15.17.11 NMAC 12"x 24", 2" lettering, provided Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15.3.103 NMAC
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval. (Fencing in Design Plan) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.		
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	X No
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□NA	
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	□No
(Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	XNA	
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	X No
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes	XNo
 Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	Yes	XNo
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	□Yes	XNo
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes	XNo
Within a 100-year floodplain - FEMA map	Yes	No
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9	9 NMAC	
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do	ocuments ar	e attached.
Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintence Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	NMAC	
Previously Approved Design (attach copy of API Number: or Permit		
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the deattached.	ocuments ar	re
Geologic and Hydrogeologic Data (required for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19. Siting Criteria Compliance Demonstrations (required for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NM Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC		
Previously Approved Design (attach copy of API Number.		

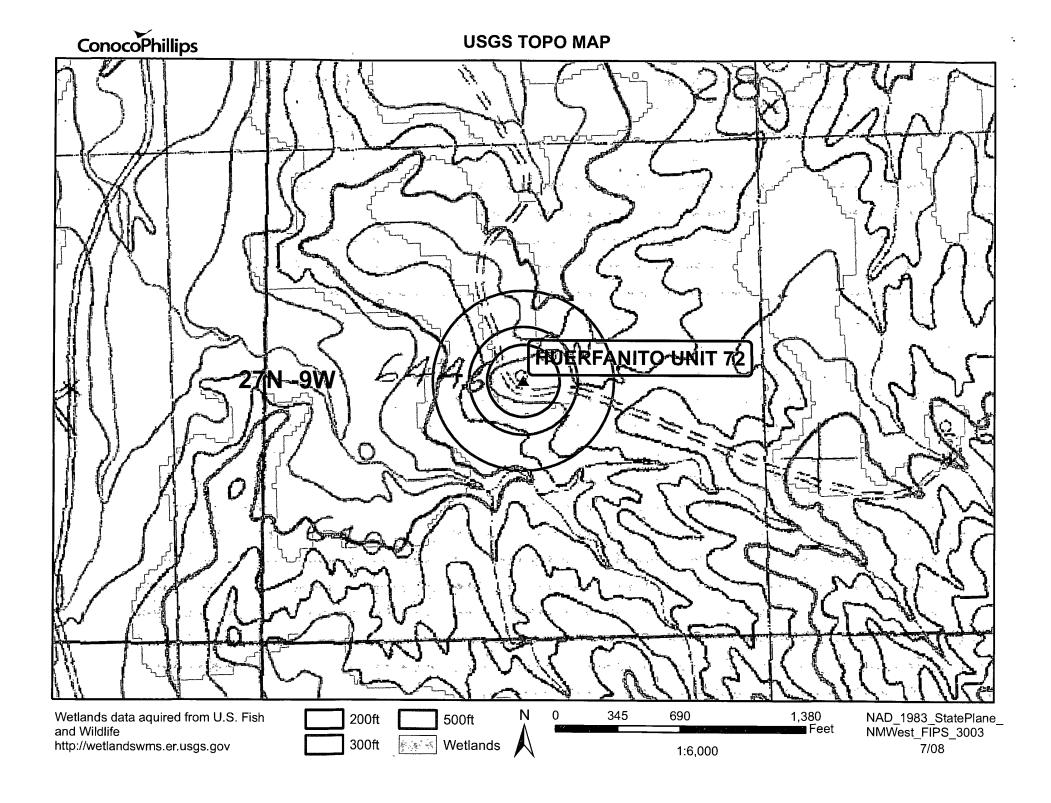
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC					
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are at	tached.				
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC					
String Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC					
Climatological Factors Assessment					
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC					
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC					
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC					
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC					
Quality Control/Quality Assurance Construction and Installation Plan					
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC					
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC					
Nuisance or Hazardous Odors, including H2S, Prevention Plan					
Emergency Response Plan					
Oil Field Waste Stream Characterization					
Monitoring and Inspection Plan					
Erosion Control Plan					
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC					
Citotale Fair Subset upon the appropriate requirements of dissection C of 15.15.17.5 Nature and 15.15.17.15 Nature					
Proposed Closure: 19.15.17.13 NMAC					
	nativo				
Type: X Drilling Workover Emergency X Cavitation Permanent Pit Below-grade Tank Closed-loop System Alter	nauve				
Proposed Closure Waste Excavation and Removal					
\overline{X} On-site Closure Method (only for temporary pits and closed-loop					
X In-place On-site Trench					
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau f	or				
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC					
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommentations of acceptable source					
material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate					
district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval, Justification and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.					
Ground water is less than 50 feet below the bottom of the buried waste.	Yes X No				
- NM Office of the State Engineer - 1WATERS database search; USGS; Data obtained from nearby wells	□NA □				
Ground water is between 50 and 100 feet below the bottom of the buried waste	☐Yes X No				
- NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells	□ NA				
Ground water is more than 100 feet below the bottom of the buried waste.	X Yes No				
- NM Office of the State Engineer - 1WATERS database search; USGS; Data obtained from nearby wells					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal	Yes X No				
	LIGHIO				
(measured from the ordinary high-water mark).Topographic map; Visual inspection (certification) of the proposed site					
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial	Yes X No				
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image					
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic	Yes X No				
or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time					
of initial application.					
- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal	Yes X No				
ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	L I CS ALINO				
- Written confirmation or verification from the municipality; Written approval obtained from the municipality					
Within 500 feet of a wetland.					
proposed site	Yes X No				
Within the area overlying a subsurface mine.	Yes X No				
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division					
Within an unstable area.					
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM	Yes XINO				
	Yes X No				
Geological Society; Topographic map	Yes X No				
	Yes X No				

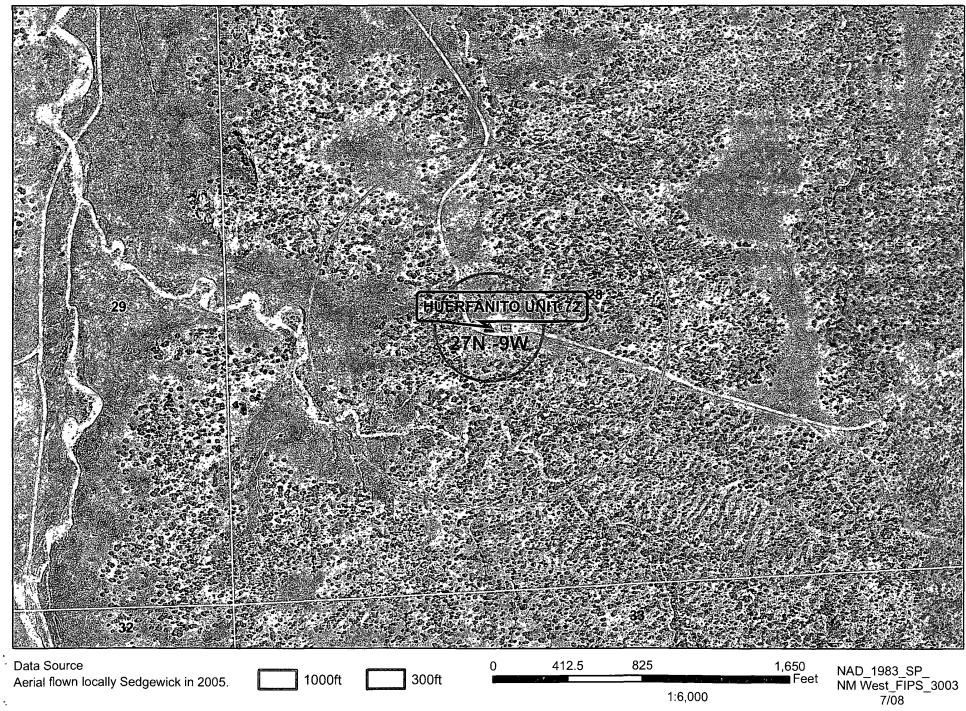
Waste Excavation and Removal Closure Plan Checklist: (19.15 1/.13 for the closure plan. Please indicfate, by a check mark in the box, that the documents are	NMAC) Instructions: Each of the following items must be attached				
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC					
Confirantion Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17 13 NMAC					
Disposal Facility Name and Permit Number (for liquids, drilling fluid	s and drill cuttings)				
Soil Backfill and Cover Design Specifications - based upon the appro					
Re-vegetation Plan - based upon the appropriate requirements of Sub					
Site Reclamation Plan - based upon the appropriate requirements of S	Subsection G of 19.15.17 13 NMAC				
Waste Removal Closure for Closed-loop Systems That Utilize Haul-off facilities for the disposal of liquids, drilling fluids and drill cuttings.	Bins Only: (19.15.17.13 D NMAC) Instructions: Please identify the facility or				
Disposal Facility Name.	Disposal Facility Permit Number				
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of th	e following stems must bee attached to the closure plan. Please indicate, by a				
check mark in the box, that the documents are attached.	e following news must be e underted to the cooler plant. I tease interest, by a				
X Siting Criteria Compliance Demonstrations - based upon the appropri	-				
X Proof of Surface Owner Notice - based upon the appropriate requiren	nents of Subsection F of 19 15.17.13 NMAC				
X Construction and Design of Burial Trench (if applicable) based upon					
X Protocols and Procedures - based upon the appropriate requirements					
X Confirmation Sampling Plan (if applicable) - based upon the appropriate Waste Material Sampling Plan - based upon the appropriate requirem	-				
X Disposal Facility Name and Permit Number (for liquids, drilling fluid					
X Soil Cover Design - based upon the appropriate requirements of Subs					
X Re-vegetation Plan - based upon the appropriate requirements of Sub					
X Site Reclamation Plan - based upon the appropriate requirements of S					
Operator Application Certification:					
I hereby certify that the information submitted with this application is true, accura	ate and complete to the best of my knowledge and belief.				
Name (Print): Crystal Tafoya	Title Regulatory Technician				
Signature: Tologa	Date. 7/11/2008				
e-mail address. crystal_tafoya@conocopfillips.com					
	Closue Plan (only)				
OCD Representative Signature: Brandon bondl	Closue Plan (only) Approval Date: 7-11-08				
	Closue Plan (only)				
OCD Representative Signature: Brandon bondl	Closure Plan (only) Approval Date: 7-11-08 OCD Permit Number				
OCD Representative Signature: Brandon Forth Title: Enviro (5 pec	Closure Plan (only) Approval Date: 7-11-08 OCD Permit Number				
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OCD Representative Signature: Brandon Bondl Title: Enviro Spec Closure Report (required within 60 days of closure completion): Subsection K of 19 15	Closure Plan (only) Approval Date: 7-11-0 8 OCD Permit Number 17.13 NMAC				
OCD Representative Signature: Brandon Bould Title: Enviro (5 pec Closure Report (required within 60 days of closure completion): Subsection K of 19 15	Closure Plan (only) Approval Date: 7-11-0 8 OCD Permit Number 17.13 NMAC Closure Completion Date:				
OCD Representative Signature: Brandon Bould Title: Enviro (Spec Closure Report (required within 60 days of closure completion): Subsection K of 19 15 Closure Method: Waste Excavation and Removal On-Site Closure All If different from approved plan, please explain Closure Report Attactment Checklist: Instructions: Each of the following item	Closure Plan (only) Approval Date: 7-11-08 OCD Permit Numbei 17.13 NMAC Closure Completion Date:				
OCD Representative Signature: Brandon Bondl Title: Enviro (Spec Closure Report (required within 60 days of closure completion): Subsection K of 19 15 Closure Method: Waste Excavation and Removal On-Site Closure All If different from approved plan, please explain	Closure Plan (only) Approval Date: 7-11-08 OCD Permit Numbei 17.13 NMAC Closure Completion Date:				
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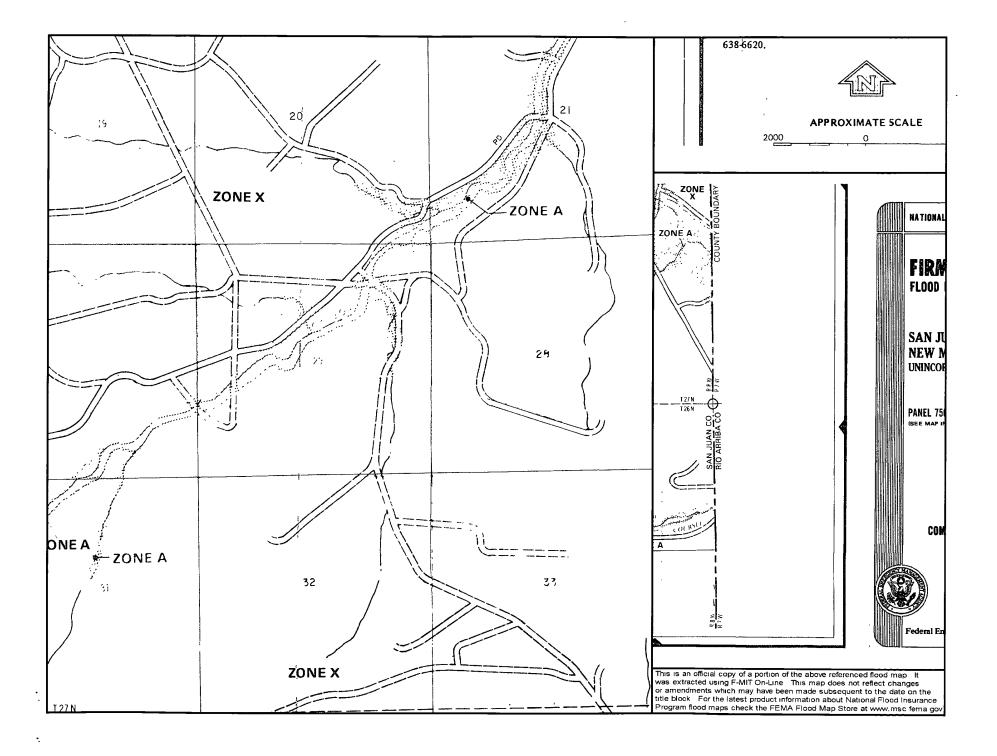
Form C-144 Oil Conservation Division

New Mexico Office of the State Engineer POD Reports and Downloads

Township: 27N Range: 09\	W Sections:		
NAD27 X: Y:	Zone:	Search Radius:	!
County: Basin:		Number:	Suffix:
Owner Name: (First)	(Last)	○ Non-Domestic	O Domestic
POD / Surface Data Re	port Avg Water Column Repor	Depth to Water Report	
Clear Form	iWATERS Me	enu Help	
	WATER COLUMN R	EPORT 07/11/2008	
(quarters are 1=NW (quarters are bigg POD Number Tws Rng Sec q	est to smallest	•	Depth Wate Water Colum

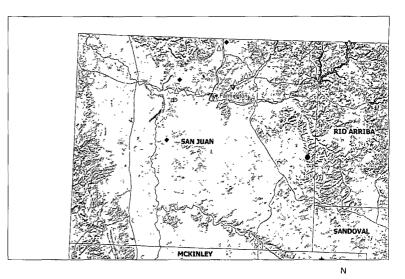


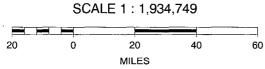




Huerfanito Unit #72 Mines, Mills and Quarries Web Map

Mines, Mill	s & Quarries Commodity Groups
Δ	Aggregate & Stone Mines
•	Coal Mines
*	Industrial Minerals Mines
•	Industrial Minerals Mills
◪	Metal Mines and Mill Concentrate
	Potash Mines & Refineries
2	Smelters & Refinery Ops.
*	Uranium Mines
•	Uranium Mills







Hydrogeological Report for Huerfanito Unit #72

Regional Geological context:

The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it commformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval.

Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones. Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet.

Hydraulic Properties:

Reported well yields for 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990).

The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain, and supports only spotty vegetation. These conditions are more conductive to runoff than retention of precipitation.

References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, east-central San Juan Basin, New Mexico: USGS Professional Paper

552, 101 p.

Brimhall, R.M., 1973, Ground-water hydrology of Tertiary rocks of the San Juan Basin, New Mexico, in Fassett, J.E., ed., Cretaceous and Tertiary rocks of the Southern Colorado Plateau: Four Corners Geological Society Memoir, p. 197-207.

Fassett, J.E., 1974, Cretaceous and Tertiary rocks of the eastern San Juan Basin, New Mexico and Colorado, in Guidebook of Ghost Ranch, central-northern New Mexico: New Mexico Geological Society, 25th Field Conference, p. 225-230.

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Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

Siting Criteria Compliance Demonstrations

The Huerfanito Unit #72 is not located in an unstable area. The location is not over a mine and is not on the side of a hill. The location of the excavated pit material will not be located within 300' of any continuously flowing watercourse or 200' from any other watercourse.

Tafoya, Crystal

From:

Tafoya, Crystal

Sent:

Friday, July 11, 2008 12:26 PM

To:

'mark_kelly@nm.blm.gov'

Subject:

Surface Owner Notification

The temporary pits for the following wells will be closed on-site. Please let me know if you have any questions.

Huerfanito Unit #72 Lodewick #3

Thank you, Crystal L. Tafoya Regulatory Technician

ConocoPhillips Company

San Juan Business Unit
Phone: (505) 326-9837

Email: Crystal.Tafoya@conocophillips.com

District I

1625 N French Dr., Hobbs, NM 88240 Phone (505) 393-6161 Fax (505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone: (505) 748-1283 Fax: (505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone (505) 334-6178 Fax.(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone. (505) 476-3470 Fax (505) 476-3462 Form C-102 Permit 77479

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

	EDD EOCITION INTO	ENGE DEDICATION E	
1 API Number	2. Pool Code	Name	
30.045-06226	71629	ND COAL (GAS)	
4. Property Code	5. Property Name		6 Well No.
7138	HUERFANITO UNIT		072
7. OGRID No.	8. Operator Name		9 Elevation
14538	BURLINGTON RESOURCES	6451	

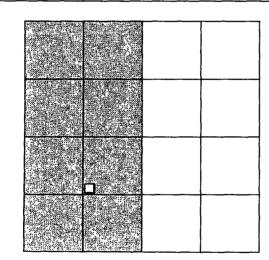
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	28	27N	09W		1480	S	1450	W	SAN JUAN

11. Bottom Hole Location If Different From Surface

	UL - Lot	Section	Т	`ownship	Range	Lot	ldn	Feet From	N/S L	ıne	Feet From	E/W Line	County
	12 Dedic	cated Acres		13 J	oint or Infill		14. Consolidation Code		15 Order No				
١	320	0.00	i										1

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Tamasesum Title: Regulatory Technica

Date: 7/10/08

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: not legible not legible

Date of Survey: 4/4/1962

Certificate Number: see comments

AND THE PERSON NAMED IN	MECTIVES				
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76L B					
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AND OFFICE			• - •	,	
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			SECTION A		
Operator			Lease		
•	ony Mobil (il Company, Inc.	Huer	fanito Unit	_
Unit Letter	Section	Township	Range	County	
K	28	27N	9W	San Juan	ı
Actual Foot	age Location of				
1480			ad 1450	feet from the Wes	rt
Ground Leve	l Elev. Pro	ducing Formation	Pool		
		Dakota	Basin	Dakota	
6451			,		

2000

1500

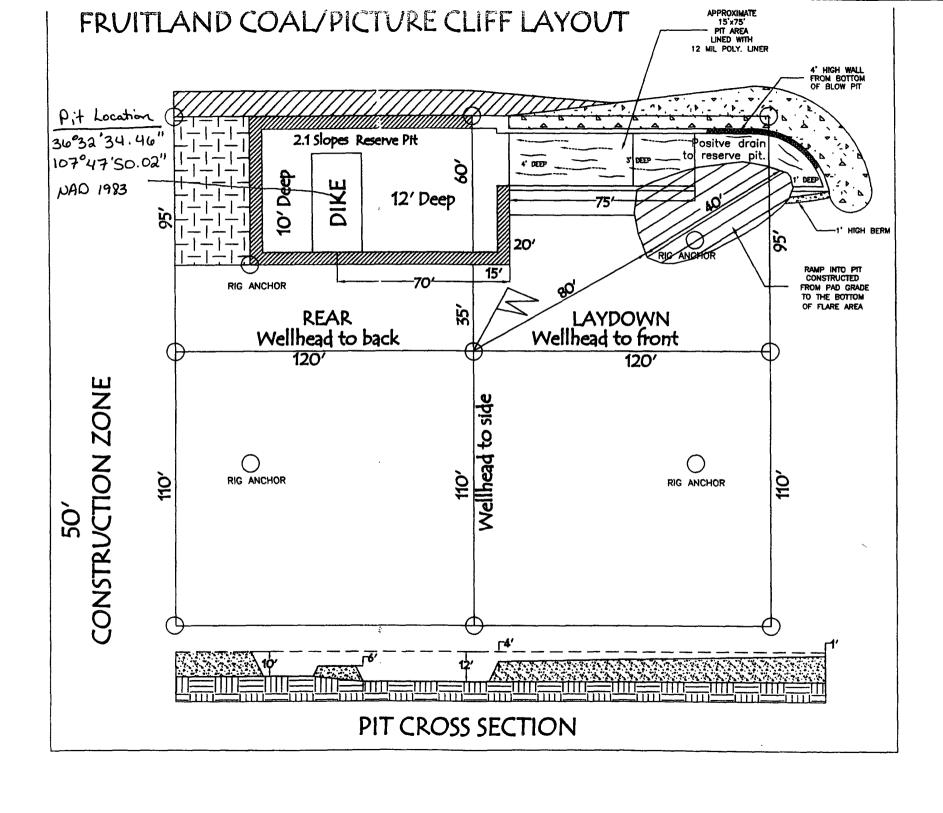
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3. If the answer to question two is "no," list all the owners and

DISTRIBUTION		NEW MI	EXICO OIL CONS	SERVATION	COMMISSION	FORM C-TAP-
Depice .		WELL LOCA	TION AND AC	REAGE DEI	DICATION P	LAT
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710m 0 PF (CE		1				
		J	SECTION A			
ntor			Lease			Well No.
Socony		ompany, Inc.	Hueri	Canito Unit	 	23-28
Letter	Section	Township	Range	County	•	
K	28	27N	9W	J Se	n Juan	
TTBO	ocation of Well: feet from the	South line	and 1450	feet from the	We st	line
d Level Ele		Formation	Pool			dicated Acreage:
6451		Dakota	Basin i	Dakota		320 Acres
bo bas the ri tother. (65- the answet t ise? YES	ght to drill into i -3–29 (e) NMSA to question one i NO	and to produce from any 1935 Comp.)	pool and to appropriates of all the owners Type of Consolidation their respect	been consolidate	et ber for bimse	ation agreement or other
					Ou	L5 1962
		SECTION B			\ <i>E</i>	Engle (10)
7777					1 1	A above is true and con-
		1			11.	best of my knowledge and
					Name Pagistion	n Barry
	i I	1	i 	1	Dist. Company	Prod. Supt.
		4		ı	Date	29, 1962
		28		7 7	shown on the plotted from surveys mad supervision,	tify that the well location e plat in SECTION 8 was field notes of actual e by me or under my and that the same is true to the best of my lawwhal
	/480.	Proposed Loca	ntion .		Date Survivo	1962

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Burlington Resources Oil & Gas Company, LP San Juan Basin Pit Design and Construction Plan

In accordance with Rule 19.15.17 the following information describes the design and construction of temporary pits on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

General Plan:

- 1. BR will design and construct a temporary pit to contain liquids and solids and prevent contamination of fresh water and protect public health and environment.
- 2. Prior to constructing the pit, topsoil will be stockpiled in the construction zone for later use in restoration.
- 3. BR will post a well sign, not less than 12" by 24", on the well site prior to construction of the temporary pit. The sign will list the operator on record as the operator; the location of the well site by unit letter, section, township range; and emergency telephone numbers.
- 4. BR shall construct all new fences utilizing 48" steel mesh field-fence (hogwire) on the bottom with a single strand of barbed wire on top. T-posts shall be installed every 12 feet and corners shall be anchored utilizing a secondary T-post. Temporary pits will be fenced at all times excluding drilling or workover operations, when the front side of the fence will be temporarily removed for operational purposes.
- 5. BR shall construct the temporary pit so that the foundation and interior slopes are firm and free of rocks, debris, sharp edges or irregularities to prevent liner failure.
- BR shall construct the pit so that the slopes are no steeper than two horizontal feet to 1 vertical foot.
- 7. Pit walls will be walked down by a crawler type tractor following construction
- 8. All temporary pits will be lined with a 20-mil, string reinforced, LLDPE liner, complying with EPA SW-846 method 9090A requirements.
- Geotextile will be installed beneath the liner when rocks, debris, sharp edges or irregularities cannot be avoided.
- 10. All liners will be anchored in the bottom of a compacted earth-filled trench at least 18 inches deep.
- 11. BR will minimize liner seams and orient them up and down, not across a slope. Factory seams will be used whenever possible. BR will ensure all field seams are welded by qualified personnel. Field seams will be overlapped four to six inches and will be oriented parallel to the line of maximum slope. BR will minimize the number of field seams in corners and irregularly shaped areas.
- 12. The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or a manifold system.
- 13. The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases.
- 14. The volume of the pit shall not exceed 10 acre-feet, including freeboard.
- 15. Temporary blow pits will be constructed to allow gravity flow to discharge into lined drill pit.
- 16. The lower half of the blow pit (nearest lined pit) will be lined with the same 20 mil liner. The upper half of the blow pit will remain unlined as allowed in Rule 19.15.17.11 F.11.
- 17. BR will not allow freestanding liquids to remain on the unlined portion of a temporary blow pit.

Burlington Resources Oil & Gas Company, LP San Juan Basin Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance of temporary pits on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

General Plan:

- 1. BR will operate and maintain a temporary pit to contain liquids and solids and prevent contamination of fresh water and protect public health and environment.
- 2. BR will conserve drilling fluids by transferring liquids to pits ahead of the rigs whenever possible. All other drilling fluids will be disposed at Basin Disposal Inc., permit # NM-01-005.
- 3. BR will not discharge or store any hazardous waste in any temporary pit.
- 4. If any pit liner's integrity is compromised, or if any penetration of the liner occurs above the liquid's surface, then BR shall notify the Aztec Division office by phone or email within 48 hours of the discovery and repair the damage or replace the liner.
- 5. If a leak develops below the liquid's level, BR shall remove all liquids above the damaged liner within 48 hours and repair the damage or replace the liner. BR shall notify the Aztec Division office by phone or email within 48 hours of the discovery for leaks less than 25 barrels BR shall notify the Aztec Division office as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.
- 6. The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or a manifold system.
- 7. The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases.
- 8. BR shall immediately remove any visible layer of oil from the surface of the temporary pit after cessation of a drilling or workover operation. Oil absorbent booms will be utilized to contain and remove oil from the pit's surface. An oil absorbent boom will stored on-site until closure of pit.
- Only fluids generated during the drilling or workover process may be discharged into a temporary pit.
- 10. BR will maintain the temporary pit free of miscellaneous solid waste or debris.
- 11. During drilling or workover operations, BR will inspect the temporary pit at least once daily to ensure compliance with this plan. Inspections will be logged in the IADC reports. BR will file this log with the Aztec Division office upon closure of the pit.
- 12. After drilling or workover operations, BR will inspect the temporary pit weekly so long as liquids remain in the temporary pit. A log of the inspections will be stored at BR's office electronically and will be filed with the Aztec Division office upon closure of the pit.
- 13. BR shall maintain at least two feet of freeboard for a temporary pit.
- 14. BR shall remove all free liquids from a temporary pit within 30 days from the date the operator releases the drilling rig.
- 15. BR shall remove all free liquids from a cavitation pit within 48 hours after completing cavitation. BR may request additional time to remove liquids from the Aztec Division office if it is not feasible to remove liquids within 48 hours.

Burlington Resources Oil & Gas Company, LP San Juan Basin Closure Plan

In accordance with Rule 19.15.17.12 NMAC the following information describes the closure requirements of temporary pits on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of pit closure. Closure report will be filed on C-144 and incorporate the following:

- Details on Capping and Covering, where applicable.
- Plot Plan (Pit Diagram)
- Inspection Reports
- Sampling Results
- C-105
- Copy of Deed Notice will be filed with County Clerk

General Plan:

- 1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division—approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.
- 2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.
- 3. The surface owner shall be notified of BR's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.
- 4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.
- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
 - i. Operator's name
 - Location by Unit Letter, Section, Township, and Range. Well name and API number.
- 6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.
- 7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.
- 8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	∠5 Q0
Chlorides	1000/\$00	

- 9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails BR will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.
- 10. During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.
- 11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011
- 12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Reshaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 13. Notification will be sent to OCD when the reclaimed area is seeded.
- 14. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (unimpacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Туре	Variety or Cultivator	PLS/A
Western wheatgrass	Arriba	3.0
Indian ricegrass	Paloma or Rimrock	3.0
Slender wheatgrass	San Luis	2.0
Crested wheatgrass	Hy-crest	3.0
Bottlebrush Squirreltail	Unknown	2.0
Four-wing Saltbrush	Delar	.25

Species shall be planted in pounds of pure live seed per acre: Present Pure Live Seed (PLS) = Purity X Germination/100 Two lots of seed can be compared on the basis of PLS as follows:

Source No. One (poor quality)

Purity

50 percent

Germination

40 percent

Percent PLS

20 percent

Source No. two (better quality)

Purity

80 percent

Germination

63 percent

Percent PLS

50 percent

5 lb. bulk seed required to make 2 lb. bulk seed required to make

1 lb. PLS 1 lb. PLS

15. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.