UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

of Well tor RLINGTON BOURCES Oil & Gas Co ss & Phone No. of Operator Box 4289, Farmington 05) 326-9700 ion of Well F (SENW) 1775' FNL & tude 36° 44.6371'N itude 108° 07.5056'W nce in Miles from Nearest Tomiles	n, NM 87499 JUI 2005 2500 FWL	6. If Indian, All. or Tribe 7. Unit Agreement Name 8. Farm or Lease Name Shiotani Federal Com 9. Well Number #400S 10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 8, T29N, R12W API# 30-045- 33/83
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Box 4289, Farmington 05) 326-9700 ion of Well F (SENW) 1775' FNL & tude 36° 44.6371'N itude 108° 07.5056'W	JUI 2005 15000 FWL	Shiotani Federal Com 9. Well Number #400S 10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 8, T29N, R12W API# 30-045- 33/83
tude 36° 44.6371'N itude 108° 07.5056'W	697.3 ov.	9. Well Number #400S 10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 8, T29N, R12W API# 30-045- 33/83
F (SENW) 1775' FNL & tude 36° 44.6371'N itude 108° 07.5056'W	697.3 ov.	Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 8, T29N, R12W API# 30-045- 33/83
itude 108° 07.5056'W	<u> </u>	FSec. 8, T29N, R12W API# 30-045- 33/83
	own	
	own	40.0
		12. County 13. State San Juan NM
	to Nearest Property or Le	ease Line
		17. Acres Assigned to Well FC - 325.77 W/2
	to Nearest Well, Drig, Co	mpl, or Applied for on this Lease
		20. Rotary or Cable Tools Rotary
		22. Approx. Date Work will Start
//-	ry Specialist	
	nce from Proposed Location Hudson #3E osed Depth of GL osed Casing and Cementing the Operations Plan at orized by:	nce from Proposed Location to Nearest Well, Drig, Co Hudson #3E osed Depth or GL osed Casing and Cementing Program see Operations Plan attached

Threatened and Endangered Species Report attached
NOTE: This format is issued in reu of U.S. BLM Form 3160-3
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, figitions or fraudulent statements or presentations as to any matter within its jurisdiction.

This well is NOT in the HPA area.

DISTRICT ! P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised June 10, 2003 Instructions on back

Fee Lease - 3 Copies

Submit to Appropriate District Office

State Lease - 4 Copies

Certificate Numb

1301 W. Grand Avenue, Artesia, N.M. 88210

1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT III

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87504-2088

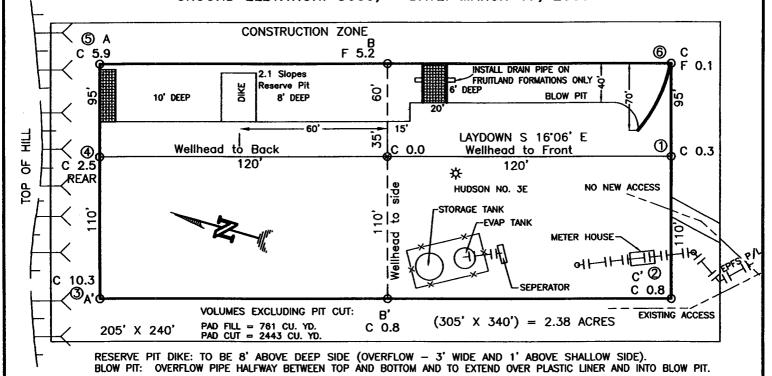
☐ AMENDED REPORT

DISTRICT IV

1220 South St. Francis Dr., Santa Fe, NM 87505 WELL LOCATION AND ACREAGES DEDICATION PLAT Basin Fruitland Coodf ¹ API Number ²Pool Code 71629 30-045-070 FARMING Well Number ⁵Property Name ⁴Property Code SHIOTANI FEDERAL COM 400S ⁸Operator Name OGRID No. ⁹ Elevation BURLINGTON RESOURCES OIL & GAS COMPANY LP 5660' ¹⁰ Surface Location UL or lot no. Feet from the North/South line East/West line Section Township Range Lot Idn Feet from the County 12-W 8 29-N 1775 **NORTH** 1500 WEST SAN JUAN "Bottom Hole Location If Different From Surface Feet from the North/South line UL or lot no. Section Township Range Lot Idn Feet from the East/West line County 12 Dedicated Acres ¹³ Joint or Infill 14 Consolidation Code 15 Order No. 325.77 W/2 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 OTR. CORNER SEC. CORNER S 89°22'03" E OPERATOR CERTIFICATION FD 3 1/4" BC FD 3 1/4" BC 1974 BLM 2640.78' (M) I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief 1500' LAT: 36'44.6371' N. (NAD\(\)27) LONG:108'07.5056' W. (NAD 27 Patsy LOT 2 LOT 1 **Printed Name** Sr. Regulatory Specialist 3-29-05 NM SF-068990 Date QTR. CORNER FD 3 1/4" 1974 BLM SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me LOT 3 LOT 5 LOT 4 LOT 6 and that the same is true and NM NM-029147 LOT 10 LOT 9 LOT 8 LOT 7

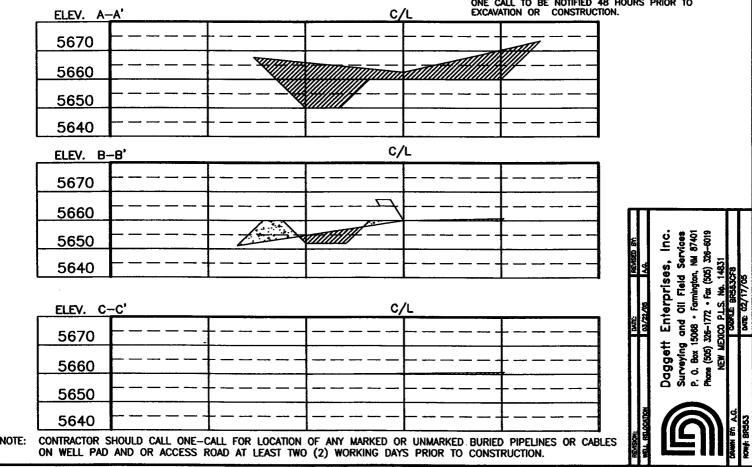
Submit 3 Copies To Appropriate Distric	state of New	Mexico		J	Form C-103
District I	Energy, Minerals and I	Natural Resources	<u> </u>		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II)		WELL API NO.		
1301 W. Grand Ave., Artesia, NM 882	OIL CONSERVAT	ION DIVISION	5. Indicate Type of	<u>Lease</u>	
District III	1220 South St. 1	Francis Dr.	STATE	FEE	
1000 Rio Brazos Rd., Aztec, NM 8741 District IV	Santa Fe, NN	И 87505	6. State Oil & Gas L	ease No.	
1220 S. St. Francis Dr., Santa Fe, NM	87505		Fede	eral # SF-068990	
SUNDRY NO	TICES AND REPORTS ON WELLS		7. Lease Name or Ur	nit Agreement Name	
DIFFERENT RESERVOIR. USE "APPLICA	ALS TO DRILL OR TO DEEPEN OR PLUG ATION FOR PERMIT" (FORM C-101) FOR				
PROPOSALS.)	(4 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2 0.44.2				
1. Type of Well:	V 04		8. Well Number		
Oil Well Gas Well 2. Name of Operator	X Other		Shiotani Federl Com #400S 9. OGRID Number		
<u> </u>	ESOURCES OIL & GAS COMPAN	Y LP	9. OGRID Nullidei	14538	
3. Address of Operator			10. Pool name or Wi		
3401 E. 301H S	STREET, FARMINGTON, NM 8740)2	Basi	n Fruitland Coal	
Unit Letter F	1775' feet from the No	rth line and	1500' feet from	the West	line
Section 8	Township 29N 11. Elevation (Show whether DR, RK	Range 12W	NMPM	County Sa	n Juan
	11. Elevation (Snow whether Dr., R.) 5660				
Pit or Below-grade Tank Application	or Closure				
Pit type New Drill Depth to Grou	ndwater >100' Distance from near	rest fresh water well	>1000' Distance fr	om nearest surface wate	r <u>>1000'</u>
Pit Liner Thickness: n/a	mil Below-Grade Tank:	Volume	bbls; Construction	on Material	
12. Chec	k Appropriate Box to Indica	ate Nature of No	tice, Report or O	ther Data	
	INTENTION TO:	_	SUBSEQUENT	REPORT OF:	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIA		ALTERING	CASING
TEMPORARILY ABANDON PULL OR ALTER CASING	CHANGE PLANS MULTIPLE COMPL	-	CE DRILLING OPNS. EMENT JOB	P AND A	
					
	ew Drill Pit	X OTHER:			
	pleted operations. (Clearly state all peork). SEE RULE 1103. For Multiple				n
or recompletion.				proposed completion	••
New Drill, Unlined:					
New Dim, Chimod.					
	o construct a new drilling pit and an				
Ecosphere's risk ranking criteria,	the new drilling pit and vent/flare pi	t will be an unlined p	it as detailed in Burling	ton's Revised Drillir	ng / Workover
	cedures dated November 11, 2004 on will be unlined, as per the risk ranking				
	Procedure dated August 2, 2004 on fi			nosing these pits acc	orunig to the
	_				
I hereby certify that the information	above is true and complete to the be	st of my knowledge a	nd belief. I further certi	fy that any pit or below-	
grade tank has been/will be constructed or	closed according to NMOCD guidelines	, a general permit X	or an (attached) alternat	ive OCD-approved plan	□.
SIGNATURE Palous	- Chief	T			
SIGNATURE / MALEY	III	LESr. Re	gulatory Specialist	DATE	4/8/2005
	tsy Clugeton E-mail add	dress: pclugston(@br-inc.com Teleph	none No. 505-	326-9518
For State Use Only	/1/	6 60 VIII	GAS INSPECTOR, DI		7 2008
APPPROVED BY	# The TIT		OND HEAF CUIDE, DI	DATE	1 4005
Conditions of Approval (if any):					
•	<i>V</i> •				

BURLINGTON RESOURCES OIL & GAS COMPANY LP SHIOTANI FEDERAL COM NO. 400S, 1775 FNL 1500 FWL SECTION 8, T-29-N, R-12-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO GROUND ELEVATION: 5660, DATE: MARCH 17, 2005



NOTE:

DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.



OPERATIONS PLAN

Well Name:

Shiotani Federal Com #400S

Location:

Unit F (SENW/4) 1775' FNL & 1500' FWL, Section 8, T29N, R12W

San Juan County, New Mexico

Latitude 36° 44.6371'N; Longitude 108° 07.5056'W

Formation:

Basin Fruitland Coal

Elevation:

5660' GR

Formation:	Тор	Bottom	Contents
Surface	San Jose		
Ojo Alamo	240'		
Kirtland	372'	1428'	gas
T/Fruitland	1428'		gas
B/Fruitland Coal	1642'		gas
Pictured Cliffs	1650'		-
Total Depth	1850'		

Note: The Total Depth for this well is into the Pictured Cliffs interval, but currently only have plans to complete the Fruitland Coal interval. We could in the near future perforate/stimulate the Pictured Cliffs interval, but only would once Regulatory approval was asked for and received.

Logging Program: None

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	Vis. Fluid Loss
0-120-445	Spud /Air/Air Mist	8.4-8.9	40-50 no control
120-1850'	Non-dispersed	8.4-9.5	30-60 no control

Casing Program:

<u>Hole Size</u>	Depth Interval	<u>Csq.Size</u>	<u>Wt.</u>	<u>Grade</u>
8 3 "	0 - 120+ 445	7"	20.0#	J-55
6 4"	0 - 1850'	4 1/2"	10.5#	J/K-55

Tubing Program:

0 - 1850'	2 3/8"	4.7#	J-55

Float Equipment: 7" surface casing - guide shoe. Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe and float collar on bottom. Centralizers run every third joint above shoe to the base of the Ojo Alamo @ 372'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 372'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: $7" \times 4 \frac{1}{2}" \times 2 \frac{3}{8}" \times 11"$ 2000 psi xmas tree assembly.

Page 2 Shiotani Federal Com #400S

Cementing:

7" surface casing Pre-Set Drilled - Cement with Type I, II cement with 20% flyash mixed at 14.5 ppq, 1.61 cu ft per sack yield. (Bring cement to surface). Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

7" surface casing - Cement with 42 sx Type III cement with 0.25 pps Celloflake, 3% CaCl. (54 cu ft of slurry @ 1.28 yield). 200% excess, bring cement to surface. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. surface casing

WOC until cement establishes 250 psi compressive strength prior to NU of BOPE,

Adjust cement volume to account for desper setting depth at

4 1/2" production casing - Cement with 75 sx (160 cu ft of slurry @ 2.13 yield) Premium Lite with 3% calcium chloride, 5 pps LCM-1, and 1/4#/sack celloflake, 0.4% FL-52, & 0.4% SMS. Tail with 90 sacks (124 cu ft of slurry @ 1.38 yield) Type III cmt with 1% calcium chloride, 1/4#/sack Celloflake and 0.2% FL-52. Total of 285 cf - 50% excess to circulate to surface.

BOP and tests:

Surface to TD - 11" 2000 psi (minimum double gate BOP stack (Reference Figure #1 and #2). Prior to drilling out surface casing, test rams to 600 psi/30 min.

Completion - 6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test rams and casing to 1500 psi/30 min.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- The Fruitland Coal formation will be completed.
- Anticipated pore pressure for the Fruitland is between 600 700 psi.
- This gas is dedicated.
- The west half of the section is dedicated to Fruitland Coal for this well.
- New casing will be utilized.
- Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.

nMcCoutk

BURLINGTON RESOURCES

BURLINGTON RESOURCES

Completion/Workover Rig BOP Configuration 2,000 pel System

Drilling Rig Choke Menifold Configuration 2000 pel System

Burlington Resources

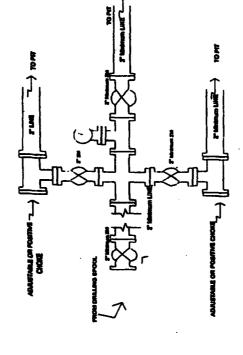
2000 psi System **Drilling Rig**

ALC PLOOP

ROTATTING HEAD.

PFILLUP LINE

ROPOR



ï

DOUBLE GATE

Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi worlding pressure equipment with two chokes.

Figure #3

4-20-01

Figure #1

ssure double gate BOP to be equipped with bilind and spe rams. A straping head to be installed on the top of Operations. 7-1/16" bore, 2000 pel minimum working preseure or greater excluding 500 pel abipping head. Minimum BOP installation for all Completion-Work: he BOP. All BOP equipment is 2000 pel working Pigure #2

4-20-01