	ANEOUS A		ΓΙΟΝ	NINERAL INDU	RS 520.)			×	Rework Abando Other		
<b>ermitte</b> Name	e Informa	<b>tion</b> erfin Resour	ces Northw	vest	County	ell Inforn	nation Columbia				
Mailing Ad City/State		). Box 1358 tskanie, OF	<del></del>	8	Lease Well No.		"Columbia 23-31-65 (S				-
elephone ax	(503) 755-2030				4				Tship 6N Range 5W		
mail repared l					1 1 -	Surveyed SHL 2,100' North and 1,500' Coordinates. For Corner of Sec. 31				the Sou	thwest
In Site Co Thone (da Thone (nig	(50	ve Garnett 3) 755-201( 3) 728-946-	or (360) 4	31-5281	directional include BHI	wells 	Corner of S				
Signa	1/7	Lucas at (	530) 304-70	008	Consultant Title					5-2 Dat	2-2003 e
	Condition		Weight i		D-4				forations		Tubing deta
2-1/4"	8-5/8	of Casing	pounds po foot 24#	er Grade/Typ J-55/ST&C	9e Depth		-surface	(	mber and depth)	N.	(type and location) A joints of 2-
7-7/8"	4-1/2'		10.5#	J-55/LT&C	1,899'	1,89	9'-?	4 JHPF 1,693'		3,	/8" 4.7# J-5 J with tail (
etailed	account o	of propos	ed work	. (For P&As, de	escribe the aban	donment	and site re	clamation p	lan.)		
Set 25 sx (	cement plug	from 1,760	'-1, <del>64</del> 3'. C	hange hole over to	o drilling mud. Se	t 10 lineal f	oot cement	plug from sur	face in 4-1	1/2" cas	ing and 4-1
tA Desi											
Type o	of Cement	Ту	Cement Ad	% by weight	Location of F (Intervals	)	Int	of Plugging erval	Volum Ceme	ent	Excess Volume Cemen
Cla	ass "G"			% by weight % by weight % by weight	1,;	760'-1,643' ft. ft.	.0	bbls/ft. bbls/ft.		5 bbls bbls bbls	3.25
				% by weight		ft.		bbls/ft.		bbls	
Nam ng Addres /State/Zi Felephon Fa Ema repared b se Contac none (day	P.O. Box ip Clatskar ne (503) 75 ax (503) 75 ail mist@er py Rob Luc ct Steve G	nie, OR 970 5-2010 5-2030 nerfin.com as	16-3358 or <u>Rlucas@</u>	41	(3) Propo Deepen Rework Abandon Other	ID No. 52	4 (API #36-0	·	5 (Sasquat	cch)	)
one (da)	t) (503) 72										
gnature esent C		of Wall	~3		nsultant Title					-2005 ate	
esent C	Size of Cas	ing pou	eight in Inds per foot	Grade/Type	Depth	Cemente	d Interval	Perforat (number depth	and	(typ	g detail e and ation)
1" ,	8-5/8" 4-1/2"	24# 10.!		J-55/ST&C J-55/LT&C	494' 1,899'	494'-surf	ace	NA 4 JHPF from 1,693'-1,71		NA 2-3/8" 1,639'	at
				d cut casings 5' be		ineal foot o		f. Equalize 2 from surface			
( 8-5/8" : A Desig	annulus. Re	store locati	ement Add	d cut casings 5' be ace owner's direc	Location of Plugs	Capacity			in 4-1/2"	casing  Excess V	
( 8-5/8" :	annulus. Re	store locati	ement Add	d cut casings 5' be face owner's direc	Location of	Capacity	of Plugging erval	from surface	in 4-1/2"	casing  Excess V	olume of nent
A Designee of Cer	annulus. Re	store locati	ement Add	d cut casings 5' be ace owner's direct ditives y weight % by weight	Location of Plugs (Intervals) 1,760- 1,643 ft.	Capacity Int	of Plugging erval	Volume Cemer	of Ent	Excess V Cen	olume of nent
A Designer of Cer  "G"  "G"	gn ment	Type	ement Add % by	dicut casings 5' be face owner's direct fittives by weight % by weight	Location of Plugs (Intervals) 1,760- 1,643 544-444 ft. ft.	Capacity Int	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft.	Volume Cemer 5	of Ent bbls bbls bbls	Excess V Cen 3.2 3.4	olume of nent bbls bbls bbls
A Designoe of Cerres "G"  "G"  TE OF OI ARTMEN CELLANE ompliance	REGON IT OF GEOLG	Type  OGY AND M	ement Add % by	dicut casings 5' be face owner's direct fittives by weight % by weight CUSTRIES	Location of Plugs (Intervals) 1,760- 1,643 544-444 ft. ft. ft.	Capacity Int .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft.	Volume Cemer 5	of Ent bbls bbls bbls bbls	Excess V Cen 3.2 3.4  sed: 800 NE did OR 9723 eent: State e	olume of nent bbls bbls bbls
A Designe of Cer  "G"  "G"  TE OF OI ARTMEN CELLANE compliance mittee Inter me	REGON IT OF GEOLO ONE With rules and formation Enerfin Research	OGY AND MATION d regulations	INERAL INI	dicut casings 5' be face owner's direct face o	Location of Plugs (Intervals) 1,760- 1,643 544-444 ft. ft. ft. Columbia "Columbia Columbia Co	Capacity Int .0159 .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft.	Volume Cemer 5	of Ent bbls bbls bbls bbls bbls bbls bbls bbl	Excess V Cen 3.2 3.4 3.4 sd: 800 Ne dd OR 972 lent: State e dd: 1 sd: OAR 6 ate Geolog	olume of nent  bbls bbls bbls bbls  oregon Stree  when we need
A Designee of Ceres o	REGON TOF GEOLO COUS APPLICE With rules and Formation Enerfin Res P.O. Box 1: Clatskanie, (503) 755-2 (503) 755-2	OGY AND MATION d regulations OR 97016-335	INERAL INI	dicut casings 5' be face owner's direct face o	Location of Plugs (Intervals) 1,760- 1,643 544-444 ft. ft. ft. ft.  Columbia "Columbia C 23-31-65 (Sa Sec 31	Capacity Int .0159 .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft.	Volume Cemer 5 5	Delete Portlan Comm circulate Delete The Steeach aj for tecl state a body of the we	casing  Excess V Cen 3.2 3.4 3.4 3.4 3.4 3.4 3.6 3.6 3.6 3.6 3.6 3.7 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	olume of nent bbls bbls bbls bbls bbls bbls bbls bbl
A Designe of Cer  "G"  "G"  TE OF OI  ARTMEN  CELLANE  compliance  mittee In  me  ling Addres  y/State/Zip  ephone  ail  pared by  Site Contact	REGON IT OF GEOLO COUS APPLICE with rules and formation Enerfin Res P.O. Box 1: Clatskanie, (503) 755-2 (503) 755-2 mist@eneri Rob Lucas Steve Gam	Type  Type  OGY AND M ATION d regulations  OR 97016-335  010  030  in.com or Rlue  ett	INERAL INI pursuant to	dicut casings 5' be face owner's direct face o	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  2,100' North	Capacity Int .0159 .0159 .0159 .0159 .0159 .0159 .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for App Deepen Rework Abandon Other	Volume Cemer 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6	Delete The State a body of twenty applica (b) The immed	Excess V Cen 3.2 3.4 3.4 3.4 3.4 3.6 3.6 3.7 3.4 3.6 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Designe of Cer  "G"  "G"  TE OF OI ARTMEN CELLANE Compliance Integrated by Site Contact One (day) One (night)	REGON TOF GEOLO COUS APPLIC with rules and Enerfin Res P.O. Box 11 Clatskanie, (503) 755-2 mist@enerfin Rob Lucas Steve Gam (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2	OGY AND MATION d regulations OR 97016-335 010 030 in.com or Rlue ett 010 or (360) 4	INERAL INI pursuant to  yest  8  cas@citlink.ne	dicut casings 5' be ace owner's direct owner's dire	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  2,100' North Corner of Se	Capacity Int .0159 .0159 .0159 .0159 .0159 .0159 .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Appeepen Rework Abandon Other	Volume Cemer 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6	Delete The State a body of technic applica (b) The immediate technic permit if operations.	Excess V Cen 3.2 3.4 3.4 3.4 3.4 3.6 3.6 3.6 3.6 3.7 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Designer of Cerres of Ce	REGON TOF GEOLO COUS APPLICE with rules and formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas	OGY AND MATION d regulations OR 97016-335 010 030 cin.com or Rluce ett 010 or (360) 4 464 at (530) 304-70	INERAL INI pursuant to  yest  8  cas@citlink.ne	dicut casings 5' be ace owner's direct owner's dire	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  2,100' North Corner of Se	Capacity Int .0159 .0159 .0159 .0159 .0159 .0159 .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Appeepen Rework Abandon Other	Volume Cemel 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Delete Portlan  Delete Portlan  Comm creulat  Delete ( Delete The State a body of the we agencie twenty applica (b) The immeditechnic permit if operation of the continuous provide (142(3) 1)  Delete	Excess V Cen 3.2 3.4 3.4 3.4 3.6 3.6 3.7 3.4 3.6 3.7 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	olume of nent  bbls bbls bbls bbls  oregon Street  when we need  az-010-0010 gist shall circu for a permit the tew to approphe the governity or city in wo cated. The erning body heromatic the comme old the comme of the comme o
A Designer of Cerres of Ce	REGON TOF GEOLO COUS APPLICE with rules and Clatskanie, (503) 755-2 (503) 755-2 mist@ener Rob Lucas Steve Gam (503) 755-2 (503) 728-5 Rob Lucas in	Type  Type  OGY AND M ATION d regulations  OR 97016-335 010 030 in.com or Rluce ett 010 or (360) 4 464 at (530) 304-70	INERAL INI pursuant to  vest  8  as@citlink.ne  31-5281	dicut casings 5' be face owner's direct owner	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  2,100' North Corner of Se	Capacity Int .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. cReason for App Deepen Rework abandon Other  6N Range 2-11-20 Date ations er and	Volume Cemel 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Delete The State a body or technic technic technic technic permit if operacional provide 0142(3) 1 Delete submit	Excess V Cen 3.2 3.4 3.4 3.4 3.4 3.4 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	olume of nent  bbls bbls bbls bbls  oregon Street when we need when we need the governity or city in we ocated. The erring body he from the date inch to comme olumination an application deepen, or rean application deepen, or rean application of one of the street of th
A Designer of Cerres of Ce	REGON TOF GEOLO COUS APPLIC with rules and formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas	Type  Type  Type  OGY AND M ATION d regulations  Ources Northw  158 OR 97016-335 O10 O30 Fin.com or Rtur  Weight in pounds per	INERAL INI pursuant to  vest  8  31-5281	dicut casings 5' be face owner's direct owner's dir	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  2,100' North Corner of Se  nit No.	Capacity Int .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aproper Rework Abandon Dither  2-11-20 Date ations er and th)  NA 7 ju 3/8	Volume Cemer 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Delete The State a body of technic permit if operation provided 0142(3) 1 Delete submit had be Delete Submit had be Delete Delete Submit had be Delete Delete Submit had be Delete Delet	Excess V Cen  3.2  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.7  3.7  3.7  3.7	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Designer of Cerres of Ce	REGON TOF GEOLO COUS APPLIC With rules and Formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas Steve Gam (503) 728-5 Rob Lucas Steve Gam (503) 728-5 Rob Lucas Steve Gam (503) 728-5 Rob Lucas	OGY AND MATION d regulations  OR 97016-335  010  030  iin.com or Rlue  ett  010 or (360) 4  464  at (530) 304-70	INERAL INI pursuant to  sest  8  cas@citlink.ne  31-5281  008	dicut casings 5' be face owner's direct owner's dir	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  All Mist Gas Fiel  Comer of Se  mit No.  Cemented interval	Capacity Int .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0169 .017 .017 .017 .017 .017 .017 .017 .017	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aproper Rework Abandon Dither  2-11-20 Date ations er and th)  NA 7 ju 3/8	Volume Cemel  5  5  5  white state of 2-  14.7# J-55  with tall at	Delete Portlan  Delete Portlan  Comm creulat  Delete The State a body of the we agencie twenty applica (b) The immed technic permit if opera continu. Polete Submit had be Delete	Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.4  3.6  3.6  3.7  3.6  3.7  3.6  3.7  3.7	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Designer of Cerres of Ce	REGON IT OF GEOLO COUS APPLICE with rules and formation Enerfin Res P.O. Box 1: Clatskanie, (503) 755-2 mist@eneri Rob Lucas Steve Gam (503) 728-5 Rob Lucas  Steve Gam (503) 728-5 Rob Lucas  4-1/2"	Type	INERAL INI pursuant to  yest  8  31-5281  O08  1 Grade/ J-55/ST& J-55/LT&  J-55/LT&	dicut casings 5' be face owner's direct owner owner's directional wildcat or Fit Name  Surveyed SHL Coordinates. directional winclude BHL. DOGAMI Perm  Consultant Title  Type Depth Depth Owner ow	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  Columbia  "Columbia  "Columbia C  23-31-65 (Sa  Sec 31  Mist Gas Fiel  All Mist Gas Fiel  Corner of Se  nit No.  Cemented interval  494'-surface  1,899'-?	Capacity Int  .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0169 .017 .017 .017 .017 .017 .017 .017 .017	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Apropeepen Rework Abandon Other  2-11-20 Date  at from the South  1 To the South  2 - 11-20 Date  at ions er and th)  NA 7 jc 3 / 6 / 6 / 7 / 7	Volume Cemes  5  5  5  white state of 2- 2- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3-	Delete The State a body of technic state a body of technic state a body of technic permit if operational permi	casing  Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.6  3.7  3.7  3.7	of tume of thent  bbls  creation aproper of the date of the comme ologist may agreement to the comme ologist may agreement of the comme of the c
A Designer of Ceres o	REGON TOF GEOLO COUS APPLICE with rules and Clatskanie, (503) 755-2 (503) 755-2 mist@ener Rob Lucas Steve Gam (503) 755-2 (503) 755-2 Anist@ener Rob Lucas Steve Gam (503) 755-2 (503) 728-5 Rob Lucas  Steve Gam (503) 728-5 Rob Lucas  4-1/2"	Type  OGY AND M ATION d regulations  OR 97016-335  O10  O30  in.com or Riu  ett  O10 or (360) 4  464  at (530) 304-70  L  Weight in pounds pe f.got 24#  10.5#	INERAL INI pursuant to  /est  8  cas@citlink.ne  31-5281  J-55/ST&  J-55/LT&  Lhange hole ov	dicut casings 5' be face owner's direct owner owner's direct owner	Location of Plugs (Intervals)  1,760- 1,643  544-444  ft.  ft.  ft.  ft.  ft.  ft.  Columbia  "Columbia  "Columbia C  23-31-65 (Sa  Sec 31  Mist Gas Fiel  Mist Gas Fiel  Comer of Se  nit No.  Cemented interval  494'-surface  1,899'-?	Capacity Int .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0169 .017 .017 .0189 .	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Apropeepen Rework Abandon Dither  2-11-20 Date  ations at from the South  10' 10' 10' 10' 10' 10' 10' 10' 10' 10	Volume Cemes  5  5  5  white state of 2- 2- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3-	Delete Delete Submit  Delete Portlan Comm creulat Delete ( Delete The State a body of the we agencie twenty applica (b) The immeditechnic permit if operation creulate Delete Submit had be Delete	Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.7  3.7  3.7  3.7	of tume of ment  bbls bbls bbls bbls bbls bbls bbls bb
A Designer of Ceres o	REGON TOF GEOLO COUS APPLICE With rules and formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas Steve Gam (503) 755-2 (503) 728-5 Rob Lucas  8-5/8" 4-1/2" ount of propent plug from 1, annulus. Cut of	Type  OGY AND M ATION d regulations  OR 97016-335  O10  O30  in.com or Riu  ett  O10 or (360) 4  464  at (530) 304-70  L  Weight in pounds pe f.got 24#  10.5#	INERAL INI pursuant to  sest  8  31-5281  J-55/ST& J-55/LT&  J-55/LT&  J-55/LT&  Shange hole over the control of the control o	ditives face owner's direct face owner's direc	Location of Plugs (Intervals)  1,760- 1,643   ft.  544-444   ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  2,100' North Corner of Se  nit No.  Cemented intervals  494'-surface  1,899'-?  Inment and site recla  t 10 lineal foot cement Backfill cellar and rest	Check Ounty" Squatch) Tship  and 1,500' Ea c. 31  Perfor (numb der NA 4 JHPF fre 1,693'-1,7	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. careason for Appropriate and the state of the sound st	Volume Cemer  5  5  5  white and Jocation:  2 5  5  5  Since the series of 2-10 and 10	Delete Portlan Comm circulate Delete Portlan Comm circulate Delete The State a body of technic technic technic permit if operate technic permit if operate continu provide 0142(3) 1 Delete	casing  Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.6  3.7  3.7  3.7	of tume of ment  bbls bbls bbls bbls bbls bbls  Oregon Street  when we need  when we n
A Designer of Ceres o	REGON TOF GEOLO COUS APPLICE With rules and formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas Steve Gam (503) 755-2 (503) 728-5 Rob Lucas  8-5/8" 4-1/2" ount of propent plug from 1, annulus. Cut of	Type	INERAL INI pursuant to  yest  8  31-5281  O08  1	ditives face owner's direct face owner's direc	Location of Plugs (Intervals)  1,760- 1,643   ft.  544-444   ft.  ft.  ft.  ft.  Columbia  "Columbia C 23-31-65 (Sa Sec 31  Mist Gas Fiel  2,100' North Corner of Se  nit No.  Cemented intervals  494'-surface  1,899'-?  Inment and site recla  t 10 lineal foot cement Backfill cellar and rest	Capacity Int  .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0169 .017 .017 .0189	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aprocepen Rework Abandon Other  2-11-20 Date  at from the South ft.  NA ace in 4-1/2" car and th)  Volume of	Volume Cemes  5  5  5  white and Jocation Joints of 2-5 asing and 4-	Delete Delete Submit  Delete Portlan Comm creular Comm creular Delete The State a body of the wagencie twenty applica (b) The immeditechnic permit if operation provide 0142(3) 1 Delete	Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.7  3.7  3.7  3.7	of tume of ment  bbls bbls bbls bbls bbls bbls  Oregon Street  when we need  when we n
A Designer of Ceres o	REGON TOF GEOLO COUS APPLICE With rules and formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas Steve Gam (503) 755-2 (503) 728-5 Rob Lucas  8-5/8" 4-1/2" ount of propent plug from 1, annulus. Cut of	Type	INERAL INI  pursuant to  /est  8  cas@citlink.ne  31-5281  J-55/ST8  J-55/LT8  Litives % by weight % by weight % by weight	ditives face owner's direct face owner's direc	Location of Plugs (Intervals)  1,760- 1,643   ft.  544-444   ft.  ft.  ft.  ft.  Columbia  "Columbia (Columbia)  "Columbia (Columbia	Capacity Int  .0159 .015	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. cace in 4-1/2" car r landowner.  Volume of Cement bbls bbls bbls	Volume Cemes  5  5  5  5  white and Location Cemes  2	Delete	casing  Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.7  3.7  3.7  3.7	of tume of ment  bbls bbls bbls bbls bbls bbls  Oregon Street  when we need  when we n
A Designer of Ceres o	REGON TOF GEOLO COUS APPLICE With rules and formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas Steve Gam (503) 755-2 (503) 728-5 Rob Lucas  8-5/8" 4-1/2" ount of propent plug from 1, annulus. Cut of	Type	INERAL INI pursuant to  vest  8  cas@citlink.ne  31-5281  J-55/ST&  J-55/LT&  J-55/LT&  dut casings 5  citives % by weight	ditives face owner's direct face owner's direc	Location of Plugs (Intervals)  1,760- 1,643   ft.   544-444   ft.   ft.   ft.   ft.   ft.    Columbia (Columbia (Columbia Sec 31)  eld   Mist Gas Fiel   Mist Gas Fiel   2,100' North Corner of Sec   init No.    Cemented interval   494'-surface   1,899'-?	Capacity Int  .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0169 .017 .017 .0189	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aprocepen Rework Abandon Other  2-11-20 Date  ations at from the South	Volume Cemes  5  5  5  5  whwest  05  saving and 4-  Excess Volume of Cement  3.25 bbls bbls	Delete	Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.7  3.7  3.7  3.7	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Designer of Ceres o	REGON TOF GEOLO COUS APPLIC with rules and formation Enerfin Res (503) 755-2 (503) 755-2 (503) 755-2 (503) 728-5 Rob Lucas Steve Gam (503) 728-5 Rob Lucas  8-5/8" 4-1/2"  ount of propent plug from 1, annulus. Cut of	Type  OGY AND M ATION d regulations  ources Northw 358 OR 97016-335 010 030 in.com or Rlu ett 010 or (360) 4 464 at (530) 304-70  L Weight in pounds ps foot 24# 10.5#  osed work Type  Cement Add Type	INERAL INI pursuant to  vest  8  associttink.ne  31-5281  008  CFor P&As., change hole on the cut casings 5  dicut casings 5  dicut casings 5  weight by weight by weight by weight by weight by weight	ditives face owner's direct face owner's direc	Location of Plugs (Intervals)  1,760- 1,643   ft.   544-444   ft.   ft.   ft.   ft.   ft.    Columbia (Columbia (Columbia Sec 31)  eld   Mist Gas Fiel   Mist Gas Fiel   2,100' North Corner of Sec   init No.    Cemented interval   494'-surface   1,899'-?	Capacity Int  .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0169 .017 .017 .0189	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aprocepen Rework Abandon Other  2-11-20 Date  ations at from the South	Volume Cemes  5  5  5  5  whwest  05  saving and 4-  Excess Volume of Cement  3.25 bbls bbls	Delete	Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.4  3.4  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.7  3.7  3.7  3.7	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Design  Tope of Cer  "G"  "G"  "G"  "G"  "G"  "G"  "G"  "	REGON IT OF GEOLO COUS APPLICE With rules and (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 758-5 (503) 72	Type  OGY AND MATION d regulations  Ources Northw  Temple foot  Type  Weight in  Pounds p foot  24#  10.5#  Temple foot  T	INERAL INI  pursuant to  yest  8  as@citlink.ne  31-5281  308  Grade/ J-55/ST8  J-55/LT6  J-55/L	dicut casings 5' beface owner's directives by weight %	Location of Plugs (Intervals)  1,760- 1,643   ft.   544-444   ft.	Capacity Int  .0159 .015	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aproper Rework Abandon Other  2-11-20 Date  at from the South  at from the South  creand th)  NA  ace in 4-1/2" car and th)  creand th)	Volume Cemes  5  5  5  blication:  2  5  5  5  6  6  6  6  6  6  7  6  7  7  8  8  8  8  8  8  8  8  8  8  8	of Books bbls bbls bbls bbls bbls bbls bbls bb	casing  Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.6  3.6  3.7  3.4  3.6  3.7  3.6  3.7  3.6  3.7  3.6  3.7  3.7	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Design  A Design  For a sent Concert (as)  F	REGON TOF GEOLO COUS APPLICE With rules and (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 755-2 (503) 758-9 Rob Lucas Steve Gam (503) 755-2 (503) 728-9 Rob Lucas  Steve Gam (503) 755-2 (503) 728-9 Rob Lucas  Steve Gam (503) 755-2 (503) 728-9 Rob Lucas  Steve Gam (503) 755-2 (503) 728-9 Rob Lucas  Steve Gam (503) 755-2 (503) 728-9 Rob Lucas (503) 755-2 (503) 755-	Type  OGY AND MATION ATION OF P7016-335 O10 O30 In.com or Rlue ett O10 or (360) 4 464 at (530) 304-70  Left One of the control of the control of wellhead and Characteria of the control o	INERAL INI pursuant to  pursuant to  Grade/  J-55/ST&  J-55/LT&  J	dicut casings 5' beface owner's direct  fitives y weight  % by weight  County  Lease  Well No. Location  Wildcat or Fit Name  Surveyed SHL Coordinates.  directional willclude BHL.  DOGAMI Perm  Consultant  Title  Type  Consultant  Title  Type  Location of Plu (Intervals)  1,760  describe the abandor  ver to drilling mud. Set below ground level.  Location of Plu (Intervals)  1,760  describe the abandor  ver to drilling mud. Set below ground level.	Location of Plugs (Intervals)  1,760- 1,643   ft.   544-444   ft.   ft.   ft.   ft.    Columbia (Columbia (Columbia Sec 31)  Eld   Mist Gas Fiel (Asserting Sec 31)  E	Capacity Int  .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .016	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aprocepen Rework Abandon Other  2-11-20 Date  ations ct from the Sout  ations ct from	Volume Cemes  5  5  5  blication:  cype and Jocation Joca	Delete	Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.4  3.6  3.6  3.6	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb
A Designer of Ceres o	REGON TO F GEOLO COUS APPLICATION FOR Energin Res (503) 755-2 (503	Type  OGY AND MATION ATION OF P7016-335 O10 O30 In.com or Rlue ett O10 or (360) 4 464 at (530) 304-70  Left One of the control of the control of wellhead and Characteria of the control o	INERAL INI pursuant to  pursuant to  gest  31-5281  308  Grade/ J-55/ST& J-55/LT&  J-55/LT&  J-55/LT&  Shange hole over the control of cut casings 5  ditives % by weight % by reight % by	dictives face owner's direct  fitives face owner's direct  fitives face owner's direct  fitives face owner's direct  fitives face owner's direct  face owner	Location of Plugs (Intervals)  1,760- 1,643   ft.   544-444   ft.   ft.   ft.   ft.    Columbia (Columbia (Columbia Sec 31)  Eld   Mist Gas Fiel (Asserting Sec 31)  E	Capacity Int  .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0159 .0169 .0179 .0179 .018	of Plugging erval  bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. bbls/ft. creason for Aprocepen Rework Abandon bother  2-11-20 Date  at from the South  at from the South  th)  NA orn 3/6 10' EU 1,6  circulate at e state bls bbls bbls bbls bbls bbls bbls bbls	Volume Cemes  5  5  5  6  6  6  6  6  6  7  6  7  7  8  8  8  8  8  8  8  8  8  8  8	of Books bbls bbls bbls bbls bbls bbls bbls bb	Excess V Cen  3.2  3.4  3.4  3.4  3.4  3.4  3.6  3.6  3.6	olume of nent  bbls bbls bbls bbls bbls bbls bbls bb

The Page 1: [3] Deleted Dawn Marshall 2/5/2003 1:49 PM

Page 1: [4] Deleted Dawn Marshall 2/5/2003 1:51 PM

Page 1: [5] Deleted Dawn Marshall 2/5/2003 1:55 PM

Company/Operat

Name:

DOGAMI approved (date)

Address:

SEND WELL COMMUNICATION TO:

Date:

Signature: Position: