Form 3160-4 (August 1999)

## UNITED STATES -DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

1a. Type of Well		WELI	COM	IPLE	ETIO	N OR R	ECOMF	LET	ION R	EPOR	TAND	LOG			<b>√</b> 5. □	Lease Se <b>N</b>	erial No. IMNM -	112	2955
Dept.   Dispute of Completion   Dispute   D	1a Type of									<u> </u>	<u> </u>	J) L	11	W CDC					
Name of Operator	• •									☐ Ple	ug Back (*	1 <b>0</b> 11	D <b>R</b> f	RBB7					
2   Name of Operator   Rosetta Resources of Owalsh Engineering   Security   Famington Field Office   Famington Field Of		,		_					P		• •		-		7	Unit or (	CA Agree	ment	Name and No.
Table   Tabl	2 Name of	Operator									<del>:::::::::::::::::::::::::::::::::::::</del>	<u> </u>	nd latter	anauem	3116				
3.a. Promo No. (Includes areas code)   3.a. Promo No. (Includes areas code)   (5.05) 327 - 4892   3.0-045-34135 - 0.0\$   4. Location of Well/Report locations: clearly and in accordance with Federal requirements)   4. Location of Well/Report locations: clearly and in accordance with Federal requirements)   5. Location of Well/Report locations: clearly and in accordance with Federal requirements)   5. Location of Well/Report locations: clearly and in accordance with Federal requirements)   5. Location of Well/Report locations: clearly and in accordance with Federal requirements)   5. Location of Well/Report locations: clearly and in accordance with Federal requirements)   5. Location of Well/Report locations: clearly and in accordance with Federal requirements)   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Report locations: clearly and in accordance with Federal requirements   5. Location of Well/Well/Well/Well/Well/Well/Well/Well	2 144,110 01	Орегисон	-	) Asa	tta R	esource	e clol	Male	h Engi	neerin	Fami	ngtor	U F.IE		8.				
3.0-45-34135												<u> </u>			AH ——	1 #4			
A Location of Well (Report locations clearly and in accordance with Federal requirements)*   1270° FSL and 1369° FEL, Section 1, T24N, R10W   10. Field and Pool, or Exploratory   Basin Fruitland Coal   13. Sect. T24N, R10W   13. Sect. T24N, R10W   13. Sect. T24N, R10W   14. Date Spanded   15. Date T.D. Reached   16. Date Completed   Survey or Areas Sect. T24N, R10W   14. Date Spanded   15. Date T.D. Reached   16. Date Completed   Ready to Prof.   16. Date Completed   17. Sec. T24N, R10W   17. Elevations (DF, RKIR, RT, GL)*   6849° GL   17. Sec. T24N, R10W   18. Total Depth   MD												9							
As surface   1270' FSL   and 1369' FEL   Section 1, T24N, R10W   Basin Fruitland Coal													<b></b>						
1.												10.							
At total adepth	At surface 12/0' FSL and 1369' FEL, Section 1, T24N, R10W												1.1						
12   County or Parish   13   State   14   Date Spudded   15   Date T.D. Reached   08/20/07   08/23/07   16   Date Completed   17   Date Spudded   18   Date Spudded   18   Date Spudded   19   Date Spudded	At top prod. interval reported below																		
14 Date Spudded																County	or Parish		13 State
18. Total Depth   MD																			
10   10   10   10   10   10   10   10	14 Date S				15. E							ted	Read	v to Prod.	17.	Elevation			
TVD		08/20/0	7			C	08/23/07	'		-				,	6849' GL				
22   Was well cored	18. Total l					19. P	lug Back T	.D.:						20. Depth	Bridge	Plug Se			
Sas Spectrum, GR/CCL   Was DST run?	21 2C I					D (C	1	. 6		1873	'KB	laa -	37	11		·		1	
22. Casing and Liner Record (Report all strings set in well)															omit	copy)			
Hole Size   Size/Grade   Wt (#/ft.)   Top (MD)   Bottom (MD)   Stage Cementer   Top of Cement   Top of Cemen																(Subr	nıt		
Hole Size   Size/Grade   Wt (#/ft.)   Top (MD)   Bottom (MD)   Stage Cementer   Top of Cement   Top of Cemen	23. Casing	and Liner F	Record (	Repor	rt all s	trings set i	n well)		-			<u> </u>							
Beylin   Type of Cement   Care   Ca		T	1					MD)	Stage Co	ementer	No. of	Sks &	&	Slurry V	ol.	Cament	Ton*	,	mount Pulled
6-1/4"   -1/2", J-5   10.5#   0   1888'   150 sx (309 cuft)   55.1					10				Dep										
								-								Surfa	ace	ce Circ 6 bbls	
24 Tubing Record  Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Set (MD)  2-3/8" 1791'	6-1/4"	I-1/2",J-5	10.	O#	-	0	1888	3				<del></del>				Curf	Oiro 7 hhis		Piro 7 bblo
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Set (MD)			<u> </u>					$\dashv$	<u>, , , , , , , , , , , , , , , , , , , </u>		75 SX (	09 (1	uit)	10.0		Suria	ace		JIC. 7 DDIS
2-3/8"	24 Tubing	g Record															····		
25 Producting Intervals   26 Perforation Record				Pack	cer De	pth (MD)	Size		Depth Se	et (MD)	Packer De	epth (N	MD)	Siz	Depth Set (MD) Packer Set (M			Packer Set (MD)	
Formation	2-3/8"	179	<u>1'                                    </u>																
Formation	25 5 1			<u>L</u>												<u> </u>			
A) Fruitland Coal 1551' 1753' 1551 - 1553' 0.50" 6 open  B) 1742 - 1753' 0.50" 33 open  C) D)  27 Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval A  Date First   Test   Hours   Test   Old   Gas   Mater   Old Gravity   Gravity   Gravity   Gravity   Gravity   Gravity   Corr. API   Gravity   Size   Filwg   Fress   Rate   BBL   MCF   BBL   Corr. API   Gravity   Corr. API   C	25 Produc					Ton	Potto							2170	No	Halas	-	Don	f Status
B	- Fi												<del></del>						
C) D)  27 Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval  1551' - 1753'  5,000# 40/70 & 16,000# 20/40 Brady in 860 bbls of 15# borate x-link gel. 500 gal of 7.5% HCl  28. Production - Interval A  Date First Test Production  10/12/07  Choke Tbg Press Si 0 psi 0 psi Si 0 psi 0 psi Date Tested Production - Interval B  Date First Test Production BBL MCF BBL Corr. API Gravity Gas Gas Gravity  ACCEPTED FOR RECORD		, and and C	oai			1001	1 1755												
D)   27   Acid, Fracture, Treatment, Cement Squeeze, Etc.   Depth Interval   Amount and type of Material				$\neg$															реп
Depth Interval  1551' - 1753'  5,000# 40/70 & 16,000# 20/40 Brady in 860 bbls of 15# borate x-link gel. 500 gal of 7.5% HCl  28. Production - Interval A  Date First Test Date Date Tested 10/12/07  Choke Tbg Press Size Filwg Press SI 0 psi 0																	1		
1551' - 1753'   5,000# 40/70 & 16,000# 20/40 Brady in 860 bbls of 15# borate x-link gel. 500 gal of 7.5% HCl   28. Production - Interval A				Ceme	nt Squ	ieeze, Etc.													
28. Production - Interval A  Date First Produced   Date   Test   Date   Test   Doll   Date   Test   Date								"											
Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Pumping  Choke Size Flwg Press Size O psi O psi Date Tested Date Tested Production BBL MCF BBL Corr. API Gravity Pumping  28a. Production - Interval B  Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Corr. API Gravity Well Status  Date First Production - Interval B  Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity  Choke Size Flwg Press Size Flwg Press Size Flwg Flwg Fress Fresz Fre	1	<u>551' - 1/</u>	53'		5,00	0# 40/7	0 & 16,0	000#	20/40	Brady	in 860 t	obls (	of 1:	5# bora	te x-li	nk gel	. 500 g	al o	7.5% HCI
Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Pumping  Choke Size Flwg Press Size O psi O psi Date Tested Date Tested Production BBL MCF BBL Corr. API Gravity Pumping  28a. Production - Interval B  Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Corr. API Gravity Well Status  Date First Production - Interval B  Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity  Choke Size Flwg Press Size Flwg Press Size Flwg Flwg Fress Fresz Fre	L																		
Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Pumping  Choke Size Flwg Press Size O psi O psi Date Tested Date Tested Production BBL MCF BBL Corr. API Gravity Pumping  28a. Production - Interval B  Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Corr. API Gravity Well Status  Date First Production - Interval B  Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity  Choke Size Flwg Press Size Flwg Press Size Flwg Flwg Fress Fresz Fre				$\dashv$					****							·			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	28. Produc	tion - Interv	al A					_					-						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1			· · · · · · · · ·						•				Producti	on Metho	od		
Choke Size Flwg Press Size Flwg Size Press Size Flwg Flwg Fress Flwg Size Flwg Flwg Flwg Flwg Flwg Flwg Flwg Flwg	Produced	· 1	Tested	Produ	iction	BBL				Corr. AP	PI	Gravit	ty				D	_ !	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Choke		Csg	24 Hr		Oil				Oil Grav	itv	Well S	Status						
28a. Production - Interval B  Date First		Flwg Press Rate BBL MCF BBL Corr API						KCVD UC1 22 '07											
Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity  Choke Size Flwg Si Si Press Size Size Corr. API Date Date Tested Date Tested Production BBL MCF BBL Corr. API Gravity  Mater Oil Gravity Gas Gravity  Oil Gravity Corr. API Well Status  ACCEPTED FOR RECORD																			
Produced Date Tested Production BBL MCF BBL Corr. API Gravity  Choke Size Flwg Si Si Press Size Size Tested Production BBL MCF BBL Corr. API Gravity Well Status  ACCEPTED FOR RECORD				· Im	т	0.1	16	I		0.1.6	<del> </del>	10			<b>D</b> •			IST.	.3
Choke Size Flwg Press Si Si Csg 24 Hr Rate BBL MCF BBL Corr. API  Well Status  ACCEPTED FOR RECORD		1	, , , , , , , , , , , , , , , , , , ,		r	: · · · · · · · · · · · · · · · · · · ·				Producti	on Metho	od							
Size Flwg   Press   Rate   BBL   MCF   BBL   Corr. API   ACCEPTED FOR RECORD					<b>→</b>								,						
sı — — — — — — — — — — — — — — — — — — —				i			6		r	L	•	Well S	Status				1 ACC	C.L.	D FAD DEC
B @<<	Size	1	Press	Rate	_	BBL	MCF	BBL		Corr. AP	'1	l					Aut	'CY I E	TOK KECORD
	(See instru		aces for	addi	tional	data on re	verse side)	L		l		L			_	<del></del>	Î	11	1970-7

28b Production - Interval C												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke Size	Tbg Press. Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas . Oil Ratio	Well Status	<u> </u>			
28c Produ	ction - Interv	al D		L	<u> </u>	<u> </u>		<u> </u>				
Date First Produced	ate First Test Hours		Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity				
1 " 1 " 1			24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oıl Ratio	Well Status				
29 Dispos	ition of Gas (	Sold, used fo	or fuel, veni	ed, etc.)	· · · · · · · · · · · · · · · · · · ·							
Show a tests, 11	ary of Porous  all important a  acluding dept  overses.	zones of por	osity and co	ontents thereo	of: Cored in tool open, fl	itervals and a owing and shu	ll drill-stem t-in pressures	31. Formatic	on (Log) Markers			
Formation Top			Bottom		Description	ons, Contents,	etc.	Name Top Meas. Depth				
Ojo Alamo 930 Kirtland 1020 Fruitland 1441 Pictured Cliffs 1768												
32. Additio	nal remarks (	include pluį	gging proce	dure):								
1 Elec 5 Sund	enclosed attac trical/Mechai dry Notice for	nical Logs (I	nd cement	verification	5. (	Geologic Repo Core Analysis	7. Ot		4 Directional Survey			
36 I hereby	certify that t	he foregoing				te and correct a	as determined fro	om all available	records (see attached ins	tructions)*		
Name (please print) Paul C. Thompson, P.E.						Title	Agent					
Signatui	e Ta	<u>u/C.</u>	/h.	sups -			Date		10/12/2007			
Title 18 U S	C Section 1	001 and Titl	e 43 U S C	Section 1212	2, make it a c	crime for any p	erson knowingly	and willfully to	o make to any department	or agency of the Unit		

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the Unit States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction