State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

Ken McQueen Cabinet Secretary David R. Catanach, Division Director
Oil Conservation Division



Matthias Sayer Deputy Cabinet Secretary

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 4/13/17

Well information:

API WELL#	Well Name	Well #	Operator Name	Туре	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng W/E
30-039-25219-00- 00	ROSA UNIT	315	WPX ENERGY PRODUCTION, LLC	G		Rio Arriba	F	K	30	31	N	4 W

Applic	cation Type: P&A Drilling/Casing Change Location Change
0	Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)
	Other: Temporary Abandonment

Conditions of Approval:

- WPX failed to comply with the following rules during T/A activity;
 - o **19.15.5.11** by not conducting their activity in compliance with every term, condition and provision of their permit .
 - 19.15.7.14.A(1)(a) by effecting a change of plans from those the division previouly approved without obtaining the divisions approval.

NMOCD Approved by Signature

4-17-17 Date

RECEIVED

APR 13 2017

Form 3160-5 (February 2005)

UNITED STATES

FORM APPROVED

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE - Other instructions on page 2. 1. Type of Well	(2 costam) 2000) L	DEPARTMENT OF THE	ANA CERUSERIOR OF Lan	I Field Office		res: March 31, 2007		
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE – Other instructions on page 2. 1. Type of Well	Ъ	OREAU OF LAND IN	ANAGEMENT	o Managemen			_	
abandoned well. Use Form 3160-3 (APD) for such proposals. SUBMIT IN TRIPLICATE – Other instructions on page 2. 1. Type of Well Oil Well Gas Well Other								
1. Type of Well		-			6. If Indian, Allo	ttee or Tribe Name	To caree o	
Type of Well				7. If Unit of CA/Agreement, Name and/or		-		
Recomplete Subsequent Report General Content of Intent General Content of Intent of Inten		MIT IN THE EIGHTE	nor mondono on pago 1	NMNM 78407E				
2. Name of Operator WPX Energy Production, LLC 3a. Address PD Box 640 Aztec, NM 87410 5b. Phone No. (include area code) S05-333-1816 Basin Fruitland Coal 10. Field and Pool or Exploratory Area Basin Fruitland Coal 11. Country or Parish, State Rio Arriba, NIM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Deepen Acidize Deepen Acidize Production Statt/Resume) Subsequent Report Acidize Casing Repair New Construction Recomplete Temporarily Abandon Oil CONS. DIV DIST. 3 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work an approximate, duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and trad-varial country of all pertinent markers and zince. A form 31604 must be filed once testing has been completed. Plant Admonment Notice Temporarily Action in a new interval, a Form 31604 must be filed once testing has been completed. Plant Admonment Notice with be 180 must be filed once testing has been completed. Plant Admonment Notice with proposed previously of a self-united graph graphed plant in a proposed previously of a self-united graph graphed. Plant Brown of the proposed previously of a self-united graph graphed plant in a previously of a self-united graph graphed proposed previously of a self-united graph graphed plant in a previously of a self-united graph graphed plant in a previously of a self-united graph graphed plant in a previously of a self-united graph graphed plant in a previously of a self-united graph graphed plant in a previously of a self-united graph graphed plant in a previously of a self-united graph graphed plant in a previously of a self-united graph graphed plant in a previously of a self-united graphed graphed plant in a previously of a self-united graphed graphed graphed graphed graphed graphed graphed graphed		_						
WPX Energy Production, LLC 3b. Address PO Box 640 Aztec, NM 87410 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1c. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1d. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1d. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1d. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1d. Cetacis of Well (Footage, Sec. 7, R.R.M., or Survey Description) 1d. Cetacis of Well		Gas Well Other				5	_	
3a. Address PO Box 640 Aztoc, NM 87410 505-333-8166 Basin Fruitland Coal Pot Exploratory Area Basin Fruitland Coal A Location of Well (Footage, Sec., T.R.,M., or Survey Description) 11. County or Parish, State Rich Arthur Pot State Pot		С						
A Location of Well (Footage, Sec., T.R.M., or Survey Description) 11. County or Parish, State Rio Ariba, NM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION Acidize Deepen Stature Treat Alter Casing Fracture Treat Alter Casing Fracture Treat Acidize Deepen Stature Treat Well Integrity Other amended MIT & TA request Temporarily Abandon OIL CONS. DIV DIST. 3 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximately of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results, including estimated starting date of any proposed work and approximately of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results, including reclamation, have been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed on the operator has determined that the size ready for final percention in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the size ready for final percention. WPX did not set CIBP as proposed previously of a settling depth @ 3262' & is requesting a TA status w/ new CIBP settling better the operation and the operation has determined that the size is ready for final percention. ### ABM/IT-MIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8' 6.5# J-55 EUE tbg. SU Floor. ### ABM/IT-MIRU. TOOH, LD ro	3a. Address			rea code)	10. Field and P	ool or Exploratory Area	_	
2548* FSL & 2066* FWL Sec 30, T 31N, R4W 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION Acidize Deepen Acidize Acidize Deepen Acidize Deepen Acidize Acidize Deepen Acidize Deepen Acidize Acidize Deepen Acidize Acidize Acidize Deepen Acidize Acidize Deepen Acidize Acidize Deepen Acidize Deepen Acidize Acidize Deepen Acidize Acidize Acidize Deepen Acidize Acidize Acidize Acidize Deepen Acidize Acidize Acidize Deepen Acidize Acidize Acidize Acidize Acidize Deepen Acidize Acidical Acidize Acidical Acidize Acidize Acidical Acidical Acidial Acidical Acidica							-	
TYPE OF SUBMISSION Acidize			•				_	
Notice of Intent	12. CHECK T	THE APPROPRIATE BOX(ES) TO INDICATE NATU	RE OF NOTICE, F	REPORT OR OTHE	ER DATA	_	
Notice of Intent Alter Casing	TYPE OF SUBMISSION		TY				_	
Alter Casing Alter Casing Practure Treat Reclamation Casing Repair New Construction Recomplete Report Casing Repair New Construction Recomplete Plug and Abandon Abandon Temporarily Abandon Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Statistic Abandonment Notice Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert to Injection Plug Back Water Disposal Office of Convert Abandon Plug Back Water Disposal Office of Convert Abandon Plug Back Water Disposal Office of Convert Abandon Plug Back Water Disposal Office Offic	Notice of Intent	Acidize	Deepen	The state of the s		Water Shut-Off		
Subsequent Report Change Plans	Notice of Intent	Alter Casing	Fracture Treat		_	Well Integrity		
Subsequent Report	_	Casing Repair	New Construction	Reco	mplete			
Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approxymate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true water digital of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonnent Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) WPX did not set CIBP as proposed previously of a setting depth @ 3252' & is requesting a TA status w/ new CIBP setting depth @ 3240'. Notified Brandon Powell(OCD) & William Tambekou(BLM). 4/8/17.—AIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8" 6.5# J-55 EUE tbg. SIW. SDFN. 4/9/17.—Continue to TOOH, w/ 2 7/8" in the very simple starting and the very simple starting date of any proposed proposed prior to file with subject lease which would entitle the applicant to conduct operations thereon. 13. Describe Proposed True to Conduct operations thereon. 14. Interval a Conduct operation to conduct operations the subject lease which would entitle the applicant to conduct operations thereon.	Subsequent Report	Change Plans	Plug and Abandan	Temp	_			
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical deptail of all pertinent markers and zones. Attach the Bond More which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) WPX did not set CIBP as proposed previously of a setting depth @ 3252' & is requesting a TA status w/ new CIBP setting depth @ 3240'. Notified Brandon Powell(OCD) & William Tambekou(BLM). 4/8/17.—MIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8" 6.5# J-55 EUE tbg. SIW. SDFN. 4/9/17.—Continue to TOOH, w/ 2 7/8". TIH, w/ 4 %" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5 ½" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL., RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN. 4/10/17.—TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/117.—WO MIT witness Title Permit Tech Title Permit Tech APPR 1.3 2017 FARMINGTON FIELD OFFICE, BY: William Tambekout Office Title Permit Tech Office	Dinal Abandanment Nation				- Discoul	OIL CONS. DIV D	ST. 3	
duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true-thical definition of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that site is ready for final inspection.) WPX did not set CIBP as proposed previously of a setting depth @ 3252' & is requesting a TA status w/ new CIBP setting depth @ 3240'. Notified Brandon Powell(OCD) & William Tambekou(BLM). 4/8/17MIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8" 6.5# J-55 EUE tbg. SIW. SDFN. 4/9/17Continue to TOOH, w/ 2 7/8", 11H, w/ 4 1/4" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5 1/2" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL., RIH, w/ plug set 5 1/2" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17WO MIT witness 4/12/17MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW APPR 13 2017 Title Permit Tech APR 13 2017 Title Permit Tech Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entit	13. Describe Proposed or Comple	ted Operation: Clearly state	all pertinent details, including	ng estimated startin	ng date of any prope	osed work and approximate	-	
subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) WPX did not set CIBP as proposed previously of a setting depth @ 3252' & is requesting a TA status w/ new CIBP setting depth @ 3240'. Notified Brandon Powell(OCD) & William Tambekou(BLM). 4/8/17 -MIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8" 6.5# J-55 EUE tbg. SIW. SDFN. 4/9/17 - Continue to TOOH, w/ 2 7/8". TIH, w/ 4 ¾" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5%" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL., RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW ACCEPTED FOR RECORD Title Permit Tech APR 1 3 2017 FARMINGTON FIELD OFFICE/ BY: William Jamee Koul Title Permit Tech Office Title Date Office	duration thereof. If the propo	sal is to deepen directionally	al is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical deptisuit					
requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) WPX did not set CIBP as proposed previously of a setting depth @ 3252' & is requesting a TA status w/ new CIBP setting depth @ 3240'. Notified Brandon Powell(OCD) & William Tambekou(BLM). 4/8/17 -MIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8" 6.5# J-55 EUE tbg. SIW. SDFN. 4/9/17 - Continue to TOOH, w/ 2 7/8". TIH, w/ 4 ½" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5 ½" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL, RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW 14. Ihereby certify that the foregoing is true and correct. Namer (Printed/Typed) Lacey Granillo Title Permit Tech APR 1 3 2017 FARMINGTON FIELD OFFICE / BY: William Jambekou Office Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.								
WPX did not set CIBP as proposed previously of a setting depth @ 3252' & is requesting a TA status w/ new CIBP setting depth @ 3240'. Notified Brandon Powell(OCD) & William Tambekou(BLM). 4/8/17 -MIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8" 6.5# J-55 EUE tbg. SIW. SDFN. 4/9/17 - Continue to TOOH, w/ 2 7/8". TIH, w/ 4 %" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5 ½" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL, RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW ACCEPTED FOR RECORD 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech APR 1 3 2017 Title Permit Tech APR 1 3 2017 Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.								
4/8/17 -MIRU. TOOH, LD rods. NU BOP, RU floor. TOOH, w/ 2 7/8" 6.5# J-55 EUE tbg. SIW. SDFN. 4/9/17 - Continue to TOOH, w/ 2 7/8". TIH, w/ 4 %" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5 ½" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL, RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech APR 1 3 2017 FARMINGTON FIELD OFFICE / BY: William Tambekou Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.								
A/9/17- Continue to TOOH, w/ 2 7/8". TIH, w/ 4 %" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5 ½" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL., RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW ACCEPTED FOR RECORD 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech Signature Date 4/13/17 BY: William Tambekou Title Date Office Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	setting depth @ 3240'. No	otified Brandon Powe	II(OCD) & William Tan	nbekou(BLM).				
A/9/17- Continue to TOOH, w/ 2 7/8". TIH, w/ 4 %" bit & csg scraper for 5-1/2" 17#, ran scraper to 3312, TOOH. RU basin WL. RIH, w/ 5 ½" CIBP set @ 3240'. Plug did not set. POOH, appears that plug ell off setting tool, possible worn parts. TIH, w/ tbg to 3414' to make sur plug went down hole. TOOH. Basin WL., RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW ACCEPTED FOR RECORD 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech Signature Date 4/13/17 BY: William Tambekou Title Date Office Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	4/8/17 -MIRU. TOOH. LD ro	ods. NU BOP. RU floor	r. TOOH. w/ 2 7/8" 6.5#	J-55 EUE tba	SIW. SDFN.			
to 3414' to make sur plug went down hole. TOOH. Basin WL, RIH, w/ plug set 5 ½" CIBP @ 3240' due to casing collar @ 3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW ACCEPTED FOR RECORD 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech APR 1 3 2017 Title Permit Tech APR 1 3 2017 Title Date 4/13/17 BY: William Jambekou Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	4/9/17 - Continue to TOOH,	w/ 2 7/8". TIH, w/ 4 3/4'	bit & csg scraper for 5	-1/2" 17#, ran	scraper to 3312,			
3253'. POOH. TIH, w/ 5 stands, TOOH & LD 10 jts. TIH w/ 44 stands. SIW. SDFN 4/10/17-TOOH, LD 2 7/8" 6/5# J-55 EUE tbg. ND BOP, fill csg w/ 10bbls of treated water, NU adapter & SIW. RDMO 4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech APR 1 3 2017 FARMINGTON FIELD OFFICE BY: William Tambe Kou This SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.								
4/11/17-WO MIT witness 4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech Parmington Field Office Approved by Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.					BF @ 3240 du	e to casing collar w		
4/12/17-MIRU Antelope. CIBP @ 3240' MIT 5.5 17# csg to 590# & record on chart for 30 min, - Good test witnessed by John Durham (OCD). Had 0 leak off, bled of pressure. RD. SIW 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech Park 13 2017 FARMINGTON FIELD OFFICE BY: William Tambekou Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		/5# J-55 EUE tbg. ND	BOP, fill csg w/ 10bbls	of treated water	er, NU adapter 8	& SIW. RDMO		
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo Title Permit Tech Signature Date 4/13/17 APR 1 3 2017 FARMINGTON FIELD OFFICE BY: William Tambekou Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		IRP @ 3240' MIT 5.5.	17# csa to 590# & rec	ord on chart fo	or 30 min - G	and test witnessed		
Name (Printed/Typed) Lacey Granillo Title Permit Tech Signature Date 4/13/17 Date 4/13/17 APR 1 3 2017 FARMINGTON FIELD OFFICE / BY: William Tambe Kou Title Date Approved by Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.				ord on chare it				
Lacey Granillo Title Permit Tech Signature Date 4/13/17 Date 4/13/17 APR 1 3 2017 FARMINGTON FIELD OFFICE BY: William Tambekou Title Date Title Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		g is true and correct.						
Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Date 4/13/17 BY: William Tambekoup Title Date Office				itle Permit Tec	ch A	PR 13 2017		
Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title Date Office		MA)						
Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office	Signature	THIS SPACE FO				mam jameek	M	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Approved by						•	
that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.				Title	Date			
entitle the applicant to conduct operations thereon.				-			•	
			subject lease which would	Office				
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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.					ally to make to any d	epartment or agency of the		

(Instructions on page 2)

age 2) approved while 5/1/2018

Copyright 2006 Forms in Word (www.formsinword.com). For individual or single-branch use only.



ROSA UNIT #315

BASIN FRUITLAND COAL

Pumping Unit:

American 160 D

Spud Date: ID Date:

Re completed:

Pump Install:

112 @ 0.36" EHD holes

ottawa sand.

8 jts 8-5/8", 24#, J-55, ST&C @ 355'.

10/27/99 Fruitland Coal: perf w/ 4 spf,

Stimulation: Frac w/93,720 gal of 20# delta 140 frac fluid and 223,970# 12/20

10/18/1992

1/1994

10/22/99

9/20/2004

Surface Location: 2548' FSL and 2066' FWL NE/4 SW/4 Sec 30K, T31N R4W Rio Arriba Co., NM

Elevation: 6549' GR

KB: 12'

Bottom Hole Location: 2248' FSL and 2066' FWL Section 30, T31N - R4W Rio Arriba Co., NM

API: 30 039 25219

Cement Whipstock set From 300' 545'

Mill Window from 411' -452'

Top Ojo Alamo	<u>Depth</u> 2770'	\ }	DV tool @ 3077'	
Kirtland	2832'	\	\	
Fruitland	3180'		CII	BP @ 3240'
Pictured Cliffs	3425'		3302	
	Cement plug @ 32 rations: 32 holes @ 3 JSPF 33		3388,	CIBP that fell off setting tool – fell downhole to > 3414' 80 jts 5-1/2", 17#, N-80, LT&C csg @ 3573'.

PBTD @ 3450' TD @ 3500'

Hole Size	Casing	Cement	Volume, Cu. Ft.	Top of Cmt.
12-1/4"	8-5/8", 24#	225 sx	266	Surface
7-7/8"	5-1/2", 17#	497 sx	N.A.	900' CBL

