,	DEPARTMENT OF THE I BUREAU OF LAND MANA	S RECEIVED N		NO. 1004-0137 January 31, 2018					
SUNDE	Y NOTICES AND REPO	RTS ON WELLSU & 2019	NMNM71747	NMNM71747					
abandoned	this form for proposals to well. Use form 3160-3 (AF	D orill of to re-enter an PD) for such proposals. INISTRICT IL ADTESIA (6. If Indian, Allottee	or Tribe Name					
SUBMIT I	N TRIPLICATE - Other ins			eement, Name and/or N					
1. Type of Well Oil Well 🛛 Gas Well	Other		8. Well Name and No LEONTODON AS	SH FEDERAL COM					
2. Name of Operator EOG Y RESOURCES INC	Contact:	JEREMY HAASS aass@eogresources.com	9. API Well No. 30-005-63324-	00-01					
3a. Address		3b. Phone No. (include area code)							
105 SOUTH FOURTH STF ARTESIA, NM 88210		Ph: 575-748-4311	FOOR RANCH	-PRE-PERMIAN I-WOLFCAMP, NO					
4. Location of Well (Footage, Sec		n) .	11. County or Parish,						
Sec 10 T9S R26E SWSE	90FSL 1980FEL		CHAVES COU	NTY, NM					
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	-	*.	• •					
12. CHECK THE	APPROPRIATE BOX(ES) TO INDICATE NATURE O	F NOTICE, REPORT, OR OT	HER DATA					
TYPE OF SUBMISSION	(TYPE OF	ACTION						
☑ Notice of Intent	🗖 Acidize	🗖 Deepen	Production (Start/Resume)	🗖 Water Shut-O					
—	Alter Casing	Hydraulic Fracturing	Reclamation	U Well Integrity					
Subsequent Report	Casing Repair	New Construction	Recomplete	Other					
Final Abandonment Notice	Change Plans	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal						
 Describe Proposed or Completed 									
Attach the Bond under which the following completion of the invol	ionally or recomplete horizontally work will be performed or provid yed operations. If the operation re	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco	red and true vertical depths of all perti Required subsequent reports must bumpletion in a new interval a Form 31	nent markers and zone e filed within 30 days 60-4 must be filed onc					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation m Abandonment Notices must be fi or final inspection. guipment	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco	red and true vertical denths of all nerti-	nent markers and zone e filed within 30 days 60-4 must be filed onc					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., ft 4. Set CIBP at 5,430 ft and	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation re Abandonment Notices must be fi or final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco	red and true vertical depths of all perti Required subsequent reports must b mpletion in a new interval, a Form 31 ing reclamation, have been completed and tag.	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation r Abandonment Notices must be fi or final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr fcamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class leta top	, give subsurface locations and measu e the Bond No. on file with BLM/BIA soults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft -	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31 ing reclamation, have been completed and tag. and tag. 2,200 ft. F. ATTACHEI	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers 8 5/8	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation n Abandonment Notices must be fi for final inspection. quipment 5,000 ft top with 30sx Class C Cem Penn, and Cisco top with 37sx Class C Cem ficamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class ieta top and squeeze a 33sx Class 3 csg shoe	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft -	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200 ft. CONDITIONS C	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTES FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers 8 5/8	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation n Abandonment Notices must be fi for final inspection. quipment 5,000 ft top with 30sx Class C Cem Penn, and Cisco top with 37sx Class C Cem ficamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class ieta top and squeeze a 33sx Class 3 csg shoe	, give subsurface locations and measu e the Bond No. on file with BLM/BIA soults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft -	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200 ft. CONDITIONS C	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTESI FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers 8 5/8	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation n Abandonment Notices must be fi for final inspection. quipment 5,000 ft top with 30sx Class C Cem Penn, and Cisco top with 37sx Class C Cem ficamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class ieta top and squeeze a 33sx Class 3 csg shoe	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft -	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200 ft. CONDITIONS C	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTESI FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers 8 5/8	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation r Abandonment Notices must be fi for final inspection. quipment 5,000 ft top with 30sx Class C Cem Penn, and Cisco top with 37sx Class C Cem fcamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class ieta top and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class and squeeze a 33sx Class	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - 1 C in/out cmt plug at 1,080 ft - C in/out cmt plug at 930 ft - 1,	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200 ft. WOC	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTESI FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers 6Jor 7. Perf 5 1/2 csg at 1,000 ft WOC and tag. Covers 8 5/4 8. Perf 5 1/2 csg at 1,050 ft	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation r Abandonment Notices must be fi or final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr feamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class leta top and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class and squeeze a 33sx Class and squeeze a 33sx Class for For For For For For For For For For F	, give subsurface locations and measu e the Bond No. on file with BLM/BIA soults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - 1 C in/out cmt plug at 1,080 ft - C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft - 1, MESSOURCESINC. sent to the F	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31 ing reclamation, have been completed and tag. and tag. 2,200 ft SEE ATTACHEI 1,200 ft UNDITIONS C 050 ft. WOC	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTESI FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5/4 8. Perf 5 1/2 csg at 1,050 ft	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation r Abandonment Notices must be fi or final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr feamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class leta top and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class and squeeze a 33sx Class and squeeze a 33sx Class for For For For For For For For For For F	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft - C in/out cmt plug at 1,080 ft - 1,000 cmt plug at 930 ft - 1,000 tersources INC, sent to the F essing of MEIGHAN SALAS on 1000	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31 ing reclamation, have been completed and tag. and tag. 2,200 ft SEE ATTACHEI 1,200 ft UNDITIONS C 050 ft. WOC	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTESI FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5// 8. Perf 5 1/2 csg at 1,050 ft 14. Thereby certify that the foregoin Name (Printed Typed) JEREM	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation re Abandonment Notices must be fir final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr framp top ent plug at 4,250 ft - 4,500 ft and squeeze a 33sx Class ieta top and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class g is true and correct. Electronic Submission a For EOG Y	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft - C in/out cmt plug at 1,080 ft - 1,000 cmt plug at 930 ft - 1,000 tersources INC, sent to the F essing of MEIGHAN SALAS on 1000	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200 ft. ONDITIONS C 050 ft. WOC	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTES FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Ceme 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5// 8. Perf 5 1/2 csg at 1,050 ft 14. Thereby certify that the foregoin Name (Printed Typed) JEREM	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation re Abandonment Notices must be fir final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr fcamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class ieta top and squeeze a 33sx Class and squeeze a 33sx Class csg shoe and squeeze a 33sx Class for EOG Y ommitted to AFMSS for proc Y HAASS	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft - C in/out cmt plug at 1,080 ft - 1,000 ft cmt plug at 930 ft - 1,000 ressing by MEIGHAN SALAS on Title REGUL	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200,ft. SEE ATTACHEI 1,200,ft. OSO ft. WOC	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTES FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Cerne 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5/8 8. Perf 5 1/2 csg at 1,050 ft 14. I hereby certify that the foregoin Name (Printed/Typed) JEREIN Signature (Electror	ionally or recomplete horizontally work will be performed or provid ved operations. If the operation re Abandonment Notices must be fir final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr fcamp top ent plug at 4,250 ft - 4,500 f and squeeze a 35sx Class ieta top and squeeze a 33sx Class and squeeze a 33sx Class csg shoe and squeeze a 33sx Class for EOG Y ommitted to AFMSS for proc Y HAASS	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC ment at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft - C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft -	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200,ft. SEE ATTACHEI 1,200,ft. OSO ft. WOC	nent markers and zone e filed within 30 days 60-4 must be filed onc RECEIVE JUN 0 4 2 JUN 0 4 2 TRICT II-ARTES FOR FOR FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Cerne 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5/4 8. Perf 5 1/2 csg at 1,050 ft 14. I hereby certify that the foregoin Name (Printed Typed) JEREM Signature (Electror	ionally or recomplete horizontally work will be performed or provid Abandonment Notices must be fi or final inspection. Quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr feamp top ent plug at 4,250 ft - 4,500 ft and squeeze a 35sx Class leta top and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class g is true and correct. Electronic Submission f For EOG Y committed to AFMSS for proc Y HAASS	, give subsurface locations and measu e the Bond No. on file with BLM/BIA soults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC hent at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - 1 C in/out cmt plug at 2,070 ft - 1 C in/out cmt plug at 1,080 ft - C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft - 1, Title RESOURCESINC, sent to the f essing by MEIGHAN SALAS on Title REGUL Date 05/20/20	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. SEE ATTACHEI 1,200 ft. SEE ATTACHEI 1,200 ft. UNDITIONS C 050 ft. WOC Information System Roswell 05/20/2019 (19MMS0097SE) ATORY SPECIALIST APPROVED 019 OFFICE USE 2019	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTESI FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Cerne 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5/4 8. Perf 5 1/2 csg at 1,050 ft 14. I hereby certify that the foregoin Name (Printed Typed) JEREM Signature (Electror	ionally or recomplete horizontally work will be performed or provid Abandonment Notices must be fi or final inspection. Quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr feamp top ent plug at 4,250 ft - 4,500 ft and squeeze a 35sx Class leta top and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class g is true and correct. Electronic Submission f For EOG Y committed to AFMSS for proc Y HAASS	, give subsurface locations and measu e the Bond No. on file with BLM/BIA soults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC hent at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - 1 C in/out cmt plug at 2,070 ft - 1 C in/out cmt plug at 1,080 ft - C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft - 1, Title RESOURCESINC, sent to the f essing by MEIGHAN SALAS on Title REGUL Date 05/20/20	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. 2,200 ft.	nent markers and zone e filed within 30 days 60-4 must be filed onc RECEIVE JUN 0 4 2 JUN 0 4 2 TRICT II-ARTES FOR FOR FOR					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Cerne 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5/8 8. Perf 5 1/2 csg at 1,050 ft 14. I hereby certify that the foregoin i C Name (<i>Printed Typed</i>) JEREM Signature (Electror Approved By Conditions of approval, if any, are atta certify that the applicant holds legal or which would entitle the applicant to co	ionally or recomplete horizontally work will be performed or provid Abandonment Notices must be fi or final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr feamp top ent plug at 4,250 ft - 4,500 ft and squeeze a 35sx Class leta top and squeeze a 35sx Class 3 csg shoe and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class 3 csg shoe and squeeze a 33sx Class beta top and squeeze a 33sx Class and squeeze a 33sx Class csg shoe and squeeze for the state of the state of the state and squeeze a 33sx Class and squeeze a 35sx Class and squeeze a 35sx Class beta top and squeeze a 35sx Class and squeeze a 35sx Class	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC hent at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft - C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft -	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. 2,200 ft.	nent markers and zone e filed within 30 days 60-4 must be filed onc RECEIVE JUN 0 4 2 TRICT II-ARTES DE FOR FOR FOR FOR DE APPROV					
If the proposal is to deepen direct Attach the Bond under which the following completion of the invol testing has been completed. Fina determined that the site is ready f 1. POOH with production e 2. Make GR and JB run to 3. Set CIBP at 5,965 ft and Covers open perfs, Miss., F 4. Set CIBP at 5,430 ft and Covers open perfs and Wo 5. Spot 25sx Class C Cerne 6. Perf 5 1/2 csg at 2,200 ft WOC and tag. Covers Glor 7. Perf 5 1/2 csg at 1,200 ft WOC and tag. Covers 8 5/8 8. Perf 5 1/2 csg at 1,050 ft 14. I hereby certify that the foregoin 14. I hereby certify that the foregoin 14. I hereby certify that the foregoin Approved By Conditions of approval, if any, are atta certify that the applicant holds legal or which would entitle the applicant to co Title 18 U.S.C. Section 1001 and Title	ionally or recomplete horizontally work will be performed or provid Abandonment Notices must be fi or final inspection. quipment 5,000 ft top with 30sx Class C Cerr Penn, and Cisco top with 37sx Class C Cerr feamp top ent plug at 4,250 ft - 4,500 ft and squeeze a 35sx Class eta top and squeeze a 35sx Class csg shoe and squeeze a 33sx Class csg shoe and squeeze a 33sx Class is true and correct. Electronic Submission f For EOG Y committed to AFMSS for proc Y HAASS ic Submission) THIS SPACE F ched, Approval of this notice doe equitable to to to se rights in the net of the performance of the second and squeeze a 33sx Class for proc Y HAASS	, give subsurface locations and measu e the Bond No. on file with BLM/BIA esults in a multiple completion or reco led only after all requirements, includ ment at 5,665 ft - 5,965 ft. WOC hent at 5,070 ft - 5,430 ft. WOC t. Covers Abo top C in/out cmt plug at 2,070 ft - C in/out cmt plug at 2,070 ft - C in/out cmt plug at 1,080 ft - C in/out cmt plug at 930 ft - 1, C in/out cmt plug at 930 ft -	red and true vertical depths of all perti Required subsequent reports must b impletion in a new interval, a Form 31- ing reclamation, have been completed and tag. and tag. 2,200 ft. 2,200 ft.	nent markers and zone e filed within 30 days 60-4 must be filed onc and the operator has RECEIVE JUN 0 4 2 TRICT II-ARTESI DE A PPROV					

Additional data for EC transaction #465866 that would not fit on the form

1.5

· •,

32. Additional remarks, continued

and tag. Covers San Andres top 9. Perf 5 1/2 csg at 100 ft and circulate a 28sx Class C in/out cmt plug at 100 ft - Surface 10. Cut off wellhead and weld on DHM per COA. Clean location as per regulation

Revisions to Operator-Submitted EC Data for Sundry Notice #465866

	Operator Submitted
Sundry Type:	ABD NOI
Lease:	NMNM71747
Agreement:	
Operator:	EOG RÉSOURCES INCORPORATED 104 SOUTH FOURTH STREET ARTESIA, NM 88210 Ph: 575-748-4311
Admin Contact:	JEREMY HAASS REGULATORY SPECIALIST E-Mail: jeremy_haass@eogresources.com
	Ph: 575-748-4311
Tech Contact:	JEREMY HAASS REGULATORY SPECIALIST E-Mail: jeremy_haass@eogresources.com
	Ph: 575-748-4311
Location: State: County:	NM CHAVES
Field/Pool:	FOOR RANCH, PRE-PERM
Well/Facility:	LEONTODON ASH FEDERAL COM 1 Sec 10 T9S R26E 900FSL 1980FEL

BLM Revised (AFMSS) ABD NOI NMNM71747 NMNM105359 (NMNM105359)

EOG Y RESOURCES INC 105 SOUTH FOURTH STREET ARTESIA, NM 88210 Ph: 575-748-1471

JÉREMY HAASS REGULATORY SPECIALIST E-Mail: jeremy_haass@eogresources.com

Ph: 575-748-4311

JEREMY HAASS REGULATORY SPECIALIST E-Mail: jeremy_haass@eogresources.com

Ph: 575-748-4311

NM CHAVES

FOOR RANCH-PRE-PERMIAN FOOR RANCH-WOLFCAMP, NORTHWEST

LEONTODON ASH FEDERAL COM 1 Sec 10 T9S R26E SWSE 990FSL 1980FEL

	Leontoc comments	don AS	SH Fe	der	al Co	om #1	FC		900' FSL & 198	0-9S-26E 80' FEL		API: GL: KB:	30-005-63324 3826	5		
	• • • ·]					CASING				in care				in The Alignet	
	•						" " #	HOLE SIZE	SIZE	WGHT	GRADE	Тор	Bottom	Sx Cmt	Circ/TOC	тось
· ·					<u> </u>		- <u>A</u>	12 1/4	8 5/8	24	J-55	0	1,142	600	Circ	
							B	7 7/8	5 1/2	15.5		Ö	6.508	600	3890	CBL
															-	
											Decision of			0046729		BARR WES
			A					TION TOPS		447 H 1990 Sh-05 454	ALCONTROLOGICAL	PT-REFER		TRAFECINGE	NEWSFORD CONTRACTOR	
									FORMATION	TOP	- e e				FORMATION	TOP
[•							, ···	San Andres Glorieta				`		Penn Miss	5
						·			Yeso	· 2254				· · · · · ·	Ordovician	, 6
									Tubb Abo		der er h			<u> </u>	- <u>r</u> , -4	
· ·						1. A.			Wolfcamp					1		
			۰,						Cisco	1						
				·							1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1				
-	**						Perforati	on Detail		1920-97. P. or 2. Grad. 420. 991.	AND		248. 414.558.258.259.248.248.248.259.259.2	1220110022010	ALTINE & GTO OF CONTRACTOR	anti-ter to the second
1							:		Formation	Тор	Bottom		Treatment	<u>`</u>	Notes	
		· ·								. 6277 6164	6340 6200		2200 gal 20% HCL 1700 gal 20% HCL		ueezed perfs to 210 queezed perfs to 21	
1										5480	5494		1400 gal 15% HCL	1 30	ueezeu peris io z	150
1			•							6118	6150		1000 gal 20% HCL	Sa	nd perf tool. Squee	zed
	•									6014	6080		1600 gallons 15% HCI	-		1978 (h.j. 30
							TBG Det				an particular designed as		END COMPANY AND COMPANY & DUAL TO	1174225574285	A REAL PROPERTY OF	YMPHOL VEG
· ·							#	Joint	Description Bull Plug	Length 1	OD 2 7/8	ID .	Grade	Wt(lb/ft	Top (ftKB) 6100	Btm (ftK 6101
TOC on	5 1/2 csg @ 3890 by CE	 BL	5003			1.000	1	· · · ·	TBG Slotted Sub	34	2 7/8 2 7/8		J-55		6066	6100
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ī					. 1		SN	1	<i></i>	1 ¹		· ·	6062 6061	6066 6062
							20	·····	TBG TBG Anchor	618 3	2 7/8		J-55	 	5443 5440	6061 5443
							165		TBG	5440	2 7/8		J-55 ·	<u> </u>	0	5440
							Rods				7. F 25 Z				SHOPPORE SHOP	
							#		Description	Length	OD	ID	Grade	Wt(lb/ft	Top (ftKB)	Btm (ftK
							1	. 2	1/2 X 1 1/2 X 20 RXB		<u>2 1/2</u>			<u> </u>		
							10		7/8 D sub 7/8 D rods	1						<u> </u>
							140		3/4 D rods				· · · ·			e
	•						91		7/8 D rods	· · · ·		· ·.		· · ·	24	
						-					<u>.</u>					· · · · · ·
				\cap	∎∎		State of the		A DESIGNATION OF THE OWNER OF THE				Miles International Control of Co			
Perfs	5,480' - 5,494'							NAL DETAIL								
				t I	\triangleleft											
Perfs	6,014' - 6,080'			51738						× •	<u>8</u> - 17	100 C		Ļ		10 N
Perfs	6,118' - 6,150'	Squeezed							it and pushed to 6400	<u>, </u>	<u>.</u>			<u></u>		· .
			大							1	- 					·
Perfs	6,164' - 6,200'	Squeezed	<u>الج</u>		<i>.</i> .				· · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						
Perfs	6,277' - 6,340'	Squeezed	¥											<u> </u>		<u></u>
		1. `	\sim	\bowtie	\gg		Sector.	ST FREE			2.16.29					e ze s
	:			090	MD	· · · · · · · · · · · · · · · · · · ·	10	Prep	ared by: JDE			<u>, e.</u>				
		<u> </u>		508	MD				19 			6/2019	1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

Leontod MMENTS Surface plug SA top 8 5/8 Csg shoe	on ASF	l Fea	deral Co	m #	1	, `, ,	Sec-T			· .		h		4		
MMENTS Surface plug SA top	on ASH	l Fea	deral Co	m #	1	· `•,	Sec-1							4		
MMENTS Surface plug SA top	on ASF	l Fea	deral Co	m #'	1	· ` * ` * • 	Sec-1			· •				·.		
MMENTS Surface plug SA top	on ASH	l Fea	deral Co	m #	1		Sec-T				. 19	1.0				
MMENTS Surface plug SA top				m #				WN-RNG:	1	0-9S-26E	<u></u>	API:	30-005-63324			
Surface plug SA top							FC	OTAGES:	900' FSL & 198	80' FEL		GL:	3826			
SA top				2 2 2 3			MALANESAN	SCIENT STREET		and the second	and the second	KB:		280.646.8700.667.32	NUMBER OF A STATE OF A	- Set USING COLORED
SA top			1.0.1 5				CASING					With Califo			the deriver	
		10.00					#	HOLE SIZE	SIZE	WGHT	GRADE	Тор	Bottorn	Sx Cmt	Circ/TOC	TOC by
							- A	12 1/4	8 5/8	24	J-55	0	1,142	r 600	Circ	
	1					•	В	7 7/8	5 1/2	15.5		0	6.508	600	3890	CBL
8 5/8 Csg shoe				1 1995 A						A 1 4 1 1		19.1		<u><u></u> <u>−</u> − −</u>		
8 5/8 Csg shoe								· · · · ·			1.11.1	23.24				
							Contractor in Apprentic							6.6		a na an
	. A						FORMA	TION TOPS		r		, , , , , , , , , , , , , , , , , , ,		; ^{`-}	· · · · ·	· . · ·
		с <u>,</u> с					<u>xi</u> 21	· · · · ·	FORMATION	TOP				<u> </u>	FORMATION	TOP
												• .	· · · · · · · · · · · · · · · · · · ·			1.
							·								Ordovician	
)							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	·	Tubb	3690	· · ·	- n - v - 1				<u> </u>
			1 . ·		۰.	· .				and the second se				<u> </u>		+
																<u> </u>
				1			Ferren and Charles	nie Water is nei sent zwart	THE OWNER AND	DO NOT DO NO DO	and a financial second					
		:					Periorati	on Detail	Formation	Ton	Bottom	<u></u>	Treatment		Notes	
										6277	6340		2200 gal 20% HCL	Squ		.00psi
													1700 gal 20% HCL			
	•	134		a saasa				,	· · ·			. •	1400 gal 15% HCL	<u> </u>	·.:	·
Glorieta top			Stree at					· · · · ·						San	d perf tool. Sque	ezed
·									MP (#3436)		1220.000				et Maria (Maria)	
·· .					·			·		· .						
		. '												<u> </u>		
			1 - 1 - N													
									•							
csg @ 3890 by CB	L I					•		· · · ·	•							
																<u> </u>
							NEWS CON		in the second		2403-41				STATISTICS.	
							Plugs									
															Mine & Doon & C	
Abo top							2	37	c	5070	.5430					1300
							3	25	С	4250	4500		Abo top			
	[4	35		2070	2200	_ ,				<u> </u>
Open perfs & WC					•		7	28	C	. 0	1000			- Sur plug		1
				- 3 B			Desired a second second		20120-00-00-00-00-00-00-00-00-00-00-00-00-0	-	di si					
5,480' - 5,494'																
	Penn&Cisco								FORMATION	TOP '	ВТМ	#			NOTES	<u> </u>
6,014' - 6,080'	· · · ·		No. of the second s					<u> </u>								
6.118' - 6.150'	Squeezed											1	<u>* (* 1</u>	г <u>*</u> .	· · ·	<u> </u>
, 0,100	- 402.04			杨			Gint retail		the operant on top		<u></u>					
6,164' - 6,200'	Squeezed			I							·					
											1 4.1		7. 15			
o,∠//`-6,340'	Squeezed	Ante			• •		Meret a	1000 S 120 Mar			135 930 1954	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		A REPORT OF A		1997 - 31 - WILL
		В		<u> </u>			1.007 (24.542.65)									
c 5 5 6 6 6	Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs&Miss& 5,014' - 6,080' 5,118' - 6,150' 5,118' - 6,200' 5,164' - 6,200' 5,277' - 6,340'	csg @ 3890 by CBL Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs&Miss&Penn&Cisco 5,014' - 6,080' 5,014' - 6,150' Squeezed 5,118' - 6,150' Squeezed 5,277' - 6,340' Squeezed PB1	Csg @ 3890 by CBL Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs&Miss&Penn&Cisco 5,014' - 6,080' 5,118' - 6,150' Squeezed 3,164' - 6,200' Squeezed B (PBTD 6, TD 6,	CSG @ 3890 by CBL Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs&Miss&Penn&Cisco 5,118' - 6,150' 5,118' - 6,150' 5,118' - 6,150' 5,118' - 6,150' Squeezed B (PBTD: 6,090 MD TD: 6,508 MD	csg @ 3890 by CBL Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs & Miss&Penn&Cisco 5,118' - 6,150' 5,118' - 6,150' Squeezed 3,164' - 6,200' Squeezed B PBTD: 6,030 MD TD: 6,508	csg @ 3890 by CBL Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs & Miss&Penn&Cisco 0,114' - 6,080' 5,118' - 6,150' Squeezed 5,164' - 6,200' Squeezed PBTD: 5,090 MD TD: 6,508	csg @ 3890 by CBL. Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs & Miss&Penn&Cisco 0,114' - 6,150' Squeezed 5,164' - 6,200' Squeezed B PBTD: 5,090 MD TD: 6,508	Glorieta top Stag @ 3890 by CBL Abo top Dpen perfs & WC 5,480' - 5,494' Dpen perfs & WC 5,480' - 6,150' Squeezed PBTD: 5,090' MD TD: 6,508 MD TD: 6,508 MD	Glorieta top Perforation Detail Sig @ 3890 by CBL Image: Constraint of the second	Glorieta top Glorieta top Abo top Seg @ 3890 by CB. Abo top Seg @ 3890 by CB. Dpen perfs & WC Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3890 by CB. Seg @ 3800 by CB. Seg @ 38	Glorieta top Image: seg @ 3890 by CBL Abo top Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890 by CBL Image: seg @ 3890	Glorieta top Glorieta top Glorieta top Glorieta top Glorieta top Abo top Glorieta top <td< td=""><td>Glorieta top 3890 by CB. Abo top 5480 4500 Deen perfs & WC 323 C 340 * 5,434 5160 - 1 351 C + 5,404 520 - 1 360 rieta top 516 - 10 Sigue zead 516 - 10 318 * 6, 150' Sigue zead 318 * 6, 150' Sigue zead 318 * 6, 150' Sigue zead 5 - 200' 5 - 400 - 10 5 - 500' MD C - 10 - 10 100 - 10 2 - 200' 5 - 500' 5 - 500' 5 - 100 - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20'</td><td>Glories B26/2736 </td><td>Clorine Clorine <t< td=""><td>Gloricla top State State</td></t<></td></td<>	Glorieta top 3890 by CB. Abo top 5480 4500 Deen perfs & WC 323 C 340 * 5,434 5160 - 1 351 C + 5,404 520 - 1 360 rieta top 516 - 10 Sigue zead 516 - 10 318 * 6, 150' Sigue zead 318 * 6, 150' Sigue zead 318 * 6, 150' Sigue zead 5 - 200' 5 - 400 - 10 5 - 500' MD C - 10 - 10 100 - 10 2 - 200' 5 - 500' 5 - 500' 5 - 100 - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20' - 100 - 100 3 - 20'	Glories B26/2736	Clorine Clorine <t< td=""><td>Gloricla top State State</td></t<>	Gloricla top State State

 $\mathbb{E}_{1} = \mathbb{E}_{1} = \mathbb{E}_{1}$

Leontodon Ash Federal Com 1 30-005-63324 EOG Y RESOURCES, INC. May 28, 2019 Conditions of Approval

- 1. Operator shall place CIBP at 5,965' (50'-100' above top most perf) and place 30 sx of Class C cement on top as proposed by operator. WOC and TAG.
- 2. Operator shall place CIBP at 5,430' (50'-100' above top most perf) and place 37 sx of Class C cement on top as proposed to seal the top of the Wolfcamp. <u>WOC and TAG.</u> Tag no less than 5070' to seal the top of the Wolfcamp Formation
- 3. Operator shall place a balanced Class C cement plug from 4,500'-4,250' as proposed to seal the Abo Formation.
- 4. Operator shall perf at 2,200' and squeeze 35 sx as proposed. Operator shall place a balanced Class C cement plug from 2,200'-2,070' as proposed to seal the Glorettia Formation.
- Operator shall perf and squeeze at 1,200'. Operator shall place a balanced Class C cement plug from 1,200'-1,080' to seal the 8-5/8'' shoe as proposed. WOC and <u>TAG.</u>
- 6. Operator shall perf and squeeze at 1,050'. Operator shall place a balanced Class C cement plug from 1,050'-930' as proposed. <u>WOC and TAG</u>.
- 7. Operator shall perf and squeeze at 100'. Operator shall place a balanced Class C cement plug from 100' to surface.
- 8. See Attached for general plugging stipulations.

JAM 052819

BUREAU OF LAND MANAGEMENT Roswell Field Office 2909 West Second Street Roswell, New Mexico 88201 (575) 627-0272

Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **<u>ninety (90)</u>** days from this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

2. <u>Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the</u> <u>commencing of any plugging operations.</u> For wells in Chaves and Roosevelt County, during <u>office hours or after office hours call (575) 627-0205.</u> Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5871.

3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. <u>Subsequent Plug back Reporting</u>: Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date work was completed.</u>

7. <u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.