State of New Mexico
Energy, Minerals and Natural Resources Department

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: 5/19/2020
Well information:

30-039-06868 RINCON UNIT #149

ENDURING RESOURCES, LLC

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Location Change

☐ 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:

Conditions of Approval:

- Notify NMOCD 24 Hours prior to commencing activities
- CBL Required
- In addition to the BLM approved tops, include the following:

- Ensure coverage from 6500'-6400'. OCD Gallup pick @ 6450'.

- Ensure coverage 5510'-5410'. OCD Mancos pick @ 5460'.

- Ensure coverage 4030'-3930'. OCD & BLM Chacra pick @ 3980'.

- Ensure coverage 2895'-2795'. OCD Fruitland pick@ 2845'.

NMOCD Approved by Signature

8/4/2020
Date

OCD Received
7/29/2020

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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

5. Lease Serial No.
NMSF079364

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
892000916B

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
RINCON UNIT 149

2. Name of Operator
ENDURING RESOURCES LLC
Contact: LACEY GRANILLO
E-Mail: lgranillo@enduringresources.com

9. API Well No.
30-039-06868-00-C2

3a. Address
1050 17TH STREET SUITE 2500
DENVER, CO 80265

3b. Phone No. (include area code)
Ph: 505-636-9743

10. Field and Pool or Exploratory Area
BASIN DAKOTA
BLANCO MESAVERDE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 30 T27N R6W SESW 0110FSL 1750FWL
36.540970 N Lat, 107.511383 W Lon

11. County or Parish, State
RIO ARRIBA COUNTY, NM

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	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 the site is ready for final inspection.

P&A

Enduring Resources requests to plug and abandon the above mentioned well per plugging procedure, wellbore diagram and reclamation plan.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #515871 verified by the BLM Well Information System
For ENDURING RESOURCES LLC, sent to the Farmington
Committed to AFMSS for processing by HEATHER PERRY on 05/19/2020 (20HCP0011SE)

Name *(Printed/Typed)* LACEY GRANILLO — Title PERMITTING SPECIALIST

Signature (Electronic Submission) — Date 05/19/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JOE KILLINS — Title ENGINEER — Date 07/29/2020

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 Farmington

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

AV

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Rincon 149

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease"

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750

3. Submit electronic copy of the CBLs for verification to the following addresses: jkillins@blm.gov , jhoffman@blm.gov and Brandon.Powell@state.nm.us . Based on CBL results inside/outside plugs and volumes will be adjusted accordingly. Required plug coverage is based on attached BLM geologic report .

4. BLM picks top of Gallup at 6540. Ensure coverage of Gallup top 6490-6590

5. BLM picks top of Cliffhouse at 4685. Ensure coverage of Gallup top 4635-4735

6. BLM picks top of Pictured Cliffs at 3085. Ensure coverage of PC top 3035-3135

7. BLM picks top of Fruitland at 2900. Ensure coverage of Fruitland top 2850-2950

8. BLM picks top of Ojo Alamo at 2150. Ensure coverage of Ojo Alamo top 2100-2200

9. Submit a copy of the updated procedure reflecting all COAs to the following email addresses before operations commence: jkillins@blm.gov , jhoffman@blm.gov and Brandon.Powell@state.nm.us

BLM FLUID MINERALS
Geologic Report

Date Completed: 6/19/20

Well No.	Rincon Unit # 149		Location	1100′ FSL	&	1750′ FWL	
Lease No.	NMSF079364		Sec. 30	T27N		R6W	
Operator	Enduring Resources		County	Rio Arriba	State	New Mexico	
Total Depth	7653′	PBTD 7615′	Formation	MV-Graneros-DK			
Elevation (GL) 6614′			Elevation (KB) 6626′ (est.)				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm			Surface	1190′	Surface/Fresh water sands
Nacimiento Fm			1190′	2150′	Fresh water sands
Ojo Alamo Ss			2150′	2490′	Aquifer (fresh water)
Kirtland Shale			2490′	2900′	
Fruitland Fm			2900′	3085′	Coal/Gas/Possible water
Pictured Cliffs Ss			3085′	3180′	Gas
Lewis Shale(main)			3180′	3980′	
Chacra zone			3980′	4165′	Probable water or dry
Lewis stringer			4165′	4685′	
Cliff House			4685′	4785′	Possible Gas & Water
Menefee			4785′	5329′	Possible Coal, Gas & Water
Pt. Lookout Ss			5329′	5480′	Possible Gas & Water
Mancos Shale (main)			5480′	6540′	Source rock
Gallup			6540′	6750′	O&G/Water
Tocito Ss Lentil			6750′	6920′	Oil
Mancos stringer			6920′	7050′	
Juana Lopez			7050′	7120′	Marker bed
Mancos stringer			7120′	7223′	
Bridge Creek Ls			7223′	7250′	Marker bed
Graneros Shale			7250′	7318′	
Dakota			7318′	7641′	Possible Gas & Water
Morrison			7641′		Water

Remarks:
P & A

Reference Well:
1) Enduring Resources Fm. Tops Same

- Please ensure that the top of the Fruitland formation as well as the entire Ojo Alamo aquifer, identified in this report, are isolated by proper placement of cement plugs. This will protect the freshwater sands in this well bore.

Please note that the beds identified as Gallup are not the main Gallup but rather probable discontinuous Ss lenses at the same stratigraphic level

Please note that the BLM geologist's picks for several formation tops vary significantly from the operator's picks. These include the Ojo Alamo, Lewis Shale, Chacra zone, Mancos Shale, Gallup, and the Tocito Ss lentil.

Prepared by: *Walter Gage*

OPERATOR: ENDURING RESOURCES
WELL: RINCON UNIT 149
FIELD: RINCON
API # 30-039-06868
ER WELL #: NM02809.01
WI/NRI: 76.8200% / 63.8100%

CNTY: Rio Arriba FTG: 1100' FSL / 1750' FWL
STATE: NM Q-Q: SESW
SPUD: 09/24/59 SEC.: 30
COMP: 11/06/59 TWS: 27N
STATUS: PROD RGE: 06W
WBD DATE: 04/08/20 BY: ACB

CURRENT WELLBORE DIAGRAM

KBE: 6627 '
KB: 12 '
GLE: 6615 '

TD (ft): 7653 '
PBTD (ft): 7615 '

17-1/2" Hole
13-3/8" 48# Csg @ 316 '
Cmt w/230 sxs, circ to surface

TOC on 9-5/8" csg by TS @ 2,600 '

12-1/4" Hole
9-5/8" 40#/36# Csg @ 3221 '
12 jts 40# N-80 & 94 jts 36# J-55
Cmt w/150 sx, no circ to surf

FORMATION TOPS

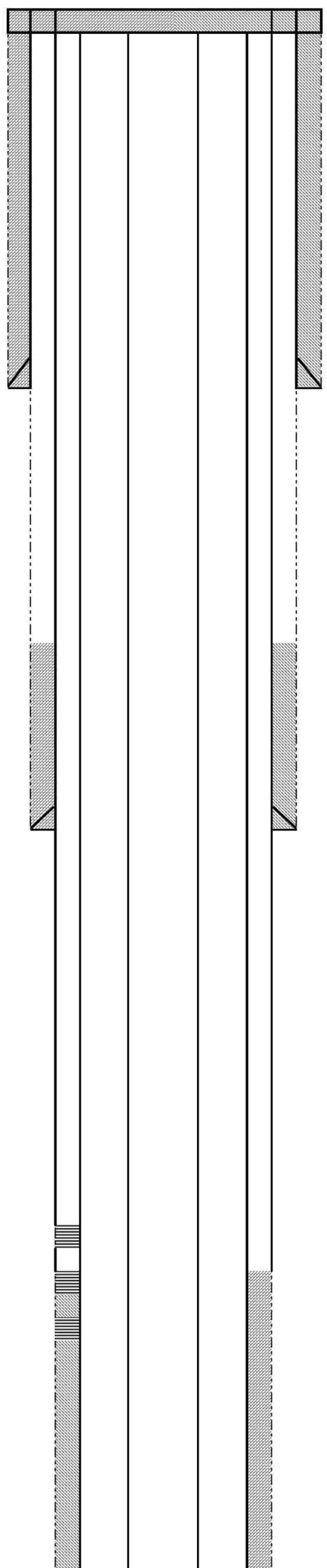
Nacimiento @	1190 '
Ojo Alamo @	2414 '
Kirtland @	2517 '
Fruitland @	2847 '
Pictured Cliffs @	3048 '
Lewis @	3275 '
Chacra @	3597 '
Cliff House @	4773 '
Menefee @	4785 '
Point Lookout @	5329 '
Mancos @	5697 '
Gallup @	6322 '
Tocito @	6860 '
Greenhorn @	7223 '
Graneros @	7285 '
Dakota @	7318 '
Morrison @	7641 '

TOC on 7" csg by TS @ 5,400 '

8-3/4" Hole
7" 23# Csg @ 7222 '
76 jts N-80 & 74 jts J-55 & 79 jts N-80
Cmt w/1,006sx, no circ to surf

5" 15# Lnr Top @ 7172 '
TOC on 5" lnr by TS @ 7,185 '

ORIG PBTD @ 7615 '
5" 15..0# Csg @ 7651 '
TD @ 7653 '
Cmt w/50 sx, no circ to surface



CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)	
17 1/2	13 3/8	48	H40	0	316	10 jts
12 1/4	9 5/8	36 / 40	J-55/N-80	0	3221	102 jts
8 3/4	7	23	J-55/N-80	0	7222	229 jts
6 1/8	5	15	J-55	7172	7651	19 jts

TUBING RECORD

COND: NEW DATE: 26-Aug-11

SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	TALLY (ft)	JTS
2 3/8	4.7	J-55	0	7433.00	243

ITEM	MAKE/MODEL	SIZE (in)	TALLY (ft)	DEPTH (ft)
TBG	4.7# J55 NEW	2 3/8	7431.50	7443.50
SN		2 3/8	1.00	7444.50
WL REG		2 3/8	0.50	7445.00

PERFORATION RECORD

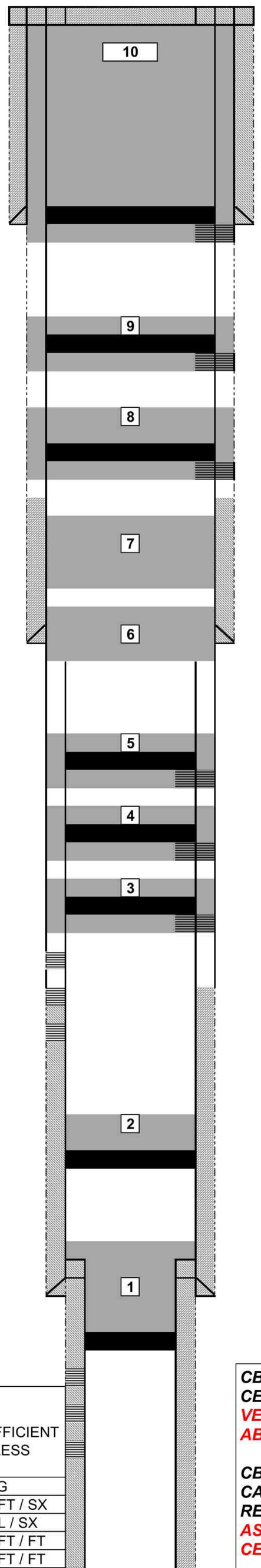
ZONE	TOP (ft)	BTM (ft)	SPF	STAGE	STATUS	VOL / PROP
MV (PL+MF)	5166	5496		3	water frac	100,000
Graneros	7320	7366		2	oil frac	22,000
Dakota	7450	7534		1	oil frac	50,000
						172,000

OPERATOR:	ENDURING RESOURCES	**CNTY:**	Rio Arriba	**FTG:**	1100' FSL & 1750' FWL
WELL:	RINCON UNIT 149	**STATE:**	NM	**Q-Q:**	SESW
FIELD:	RINCON	**SPUD:**	09/24/59	**SEC.:**	30
API #	30-039-06868	**COMP:**	11/06/59	**TWS:**	T27N
ER WELL #:	NM02809.01	**STATUS:**	PROD	**RGE:**	R06W
WI/NRI:	76.8200% / 63.8100%	**WBD DATE:**	05/04/20	**BY:**	ACB

PROPOSED P&A WELLBORE DIAGRAM

KBE: 6627 '
KB: 12 '
GLE: 6615 '

TD (ft): 7653 '
PBTD (ft): 7615 '



17-1/2" Hole
13-3/8" 48# Csg @ 316 '
Cmt w/230 sxs, circ to surface

TOC on 9-5/8" csg by TS @ 2,600 '

12-1/4" Hole
9-5/8" 40#/36# Csg @ 3221 '
12 jts 40# N-80 & 94 jts 36# J-55
Cmt w/150 sx, no circ to surf

FORMATION TOPS

Nacimiento @	1190 '
Ojo Alamo @	2414 '
Kirtland @	2517 '
Fruitland @	2847 '
Pictured Cliffs @	3048 '
Lewis @	3275 '
Chacra @	3597 '
Cliff House @	4773 '
Menefee @	4785 '
Point Lookout @	5329 '
Mancos @	5697 '
Gallup @	6322 '
Tocito @	6860 '
Greenhorn @	7223 '
Graneros @	7285 '
Dakota @	7318 '
Morrison @	7641 '

TOC on 7" csg by TS @ 5,400 '

8-3/4" Hole
7" 23# Csg @ 7222 '
76 jts N-80 & 74 jts J-55 & 79 jts N-80
Cmt w/1,006sx, no circ to surf

5" 15# Lnr Top @ 7172 '
TOC on 5" lnr by TS @ 7,185 '

CEMENT & CASING INFORMATION	
- ALL PLUGS ASSUME CLASS G NEAT CEMENT	
- STABILIZNG WELLBORE FLUID IS 8.3 PPG, SUFFICIENT TO BALANCE ALL WELLBORE PRESSURES, UNLESS NOTED OTHERWISE IN PROCEDURE	
CEMENT DENSITY:	**15.80** PPG
CEMENT YIELD:	**1.15** CUFT / SX
MIX WATER REQUIRED:	**5.00** GAL / SX
5" CSG CAPACITY:	**0.1059** CUFT / FT
7" CSG CAPACITY:	**0.2210** CUFT / FT
8-3/4" HOLE CAPACITY:	**0.4176** CUFT / FT
9-5/8" CSG CAPACITY:	**0.4340** CUFT / FT
7" CSG x 8-3/4" HOLE CAPACITY:	**0.1503** CUFT / FT
7" CSG x 9-5/8" CSG CAPACITY:	**0.1668** CUFT / FT
9-5/8" CSG x 12-1/4" HOLE CAPACIT	**0.3132** CUFT / FT
9-5/8" CSG x 13-3/8" CSG CAPACITY	**0.3765** CUFT / FT

ORIG PBTD @ 7615 '
5" 15# Csg @ 7651 '
TD @ 7653 '
Cmt w/50 sx, no circ to surface

CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)
17 1/2	13 3/8	48	H40	0	316
12 1/4	9 5/8	36 / 40	J-55/N-80	0	3221
8 3/4	7	23	J-55/N-80	0	7222
6 1/8	5	15	J-55	7172	7651

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)
MV (PL+MF)	5166	5496
Graneros	7320	7366
Dakota	7450	7534

PLUG #10: SURFACE CASING SHOE & SURFACE PLUG				
SQZ HOLES	366 '			
9-5/8" CICR	316 '			
CEMENT	0 ' -	366 '		
PLUG VOLUME	270 sx	THRU CICR	*100%*	*excess required (outside casing)*
PLUG VOLUME	139 sx	ABOVE CICR	*50 '*	*excess required (inside casing)*
PLUG #9: NACIMIENTO TOP				
SQZ HOLES	1240 '			
9-5/8" CICR	1190 '			
CEMENT	1140 ' -	1240 '		
PLUG VOLUME	74 sx	THRU CICR	*100%*	*excess required (outside casing)*
PLUG VOLUME	38 sx	ABOVE CICR	*50 '*	*excess required (inside casing)*
PLUG #8: KIRTLAND TOP & OJO ALAMO TOP				
SQZ HOLES	2567 '			
9-5/8" CICR	2517 '			
CEMENT	2364 ' -	2567 '		
PLUG VOLUME	130 sx	THRU CICR	*100%*	*excess required (outside casing)*
PLUG VOLUME	77 sx	ABOVE CICR	*50 '*	*excess required (inside casing)*
PLUG #7: PICTURED CLIFFS TOP & FRUITLAND TOP				
BALANCED PLUG				
CEMENT	2797 ' -	3098 '		
PLUG VOLUME	58 sx		*50 '*	*excess required (inside casing)*
PLUG #6: 7" CASING STUB & 9-5/8" CASING SHOE				
CEMENT	3171 ' -	3271 '		
PLUG VOLUME	42 sx	8-3/4" OH	*100%*	*excess required (outside casing)*
PLUG VOLUME	38 sx	9-5/8" CSG	*50 '*	*excess required (inside casing)*
7" CASING CUT @ 3,271' (50' BELOW 9-5/8" CASING SHOE)				

PLUG #5: CHACRA TOP				
SQZ HOLES	3647 '			
7" CICR	3597 '			
CEMENT	3547 ' -	3647 '		
PLUG VOLUME	36 sx	THRU CICR	*100%*	*excess required (outside casing)*
PLUG VOLUME	20 sx	ABOVE CICR	*50 '*	*excess required (inside casing)*
PLUG #4: CLIFFHOUSE TOP				
SQZ HOLES	4823 '			
7" CICR	4773 '			
CEMENT	4723 ' -	4823 '		
PLUG VOLUME	36 sx	THRU CICR	*100%*	*excess required (outside casing)*
PLUG VOLUME	20 sx	ABOVE CICR	*50 '*	*excess required (inside casing)*
PLUG #3: POINT LOOKOUT & MENEFEE PERFORATIONS				
SQZ HOLES	5116 '			
7" CICR	5066 '			
CEMENT	5016 ' -	5116 '		
PLUG VOLUME	36 sx	THRU CICR	*100%*	*excess required (outside casing)*
PLUG VOLUME	20 sx	ABOVE CICR	*50 '*	*excess required (inside casing)*

PLUG #2: GALLUP TOP			
7" CICR	6372 '		
CEMENT	6272 ' -	6372 '	
PLUG VOLUME	29 sx	ABOVE CICR	*50 ' excess required (inside casing)*

PLUG #1: DAKOTA & GRANEROS PERFORATIONS, GRANEROS TOP, LINER TOP			
5" CICR	7270 '		
CEMENT	7122 ' -	7270 '	
PLUG VOLUME	29 sx	ABOVE CICR	*50 ' excess required (inside casing)*

CBL WILL BE RUN ON 7" CASING AFTER SETTING PLUG #1 TO VERIFY TOC; SUBSEQUENT CEMENT PLUGS WILL BE ADJUSTED AS REQUIRED DEPENDING ON RESULTS OF CBL. UNTIL VERIFICATION FROM CBL, THE PROCEDURE ASSUMES THAT ALL PLUGS IN THE 7" CASING ABOVE 5,400' (TOC BY TS) WILL REQUIRE CEMENT INSIDE & OUTSIDE CASING.

CBL WILL BE RUN ON 9-5/8" CASING AFTER SETTING PLUG ON 7" CASING STUB AND 9-5/8" CASING SHOE TO VERiFY TOC; SUBSEQUENT CEMENT PLUGS WILL BE ADJUSTED AS REQUIRED DEPENDING ON CBL RESULTS. UNTIL VERIFICATION FROM CBL, THE PROCEDURE ASSUMES THAT ALL PLUGS IN THE 9-5/8" CASING ABOVE 2,600' (TOC BY TS) WILL REQUIRE CEMENT INSIDE & OUTSIDE CASING.

HUERFANITO BENTONITE @ 3,537'.

ENDURING RESOURCES IV, LLC

PLUG AND ABANDONMENT PROCEDURE

WELL: RINCON UNIT 149
API: 30-039-06868
ER WELL: NM02809.01
LOCATION: 1100' FSL & 1750' FWL, Sec.30, T27N, R06W
COUNTY: Rio Arriba
STATE: NM

NOTES:

1) All cement volumes assume 100% excess volume outside pipe and 50' excess inside pipe. Cement will be Class 'G' (15.8 ppg and 1.15 cuft/sx). A stabilizing wellbore fluid with density of 8.3 ppg will be sufficient to balance pressures encountered in the well.
2) Any waste fluids circulated from the well to surface, including excess cement, will be stored in steel tanks and then disposed of at an approved disposal facility.
3) Notify BLM and NMOCD prior to beginning well-work operations. Comply with all BLM and NMOCD regulations. Obtain approval from BLM and NMOCD prior to making any changes or adjustments to the procedure.
4) Plugs will be adjusted as necessary depending on the results of the RCBLs.
5) Wait on cement, tag, and spot additional cement plugs as necessary depending on results of casing pressure tests.
6) Hold safety meetings daily (minimum) with all personnel on location. Record tubing, casing, and bradenhead pressures daily on reports.
7) Test and install rig anchors, if necessary (if rig does not have a base-beam).

PROCEDURE:

1) MIRU daylight pulling unit and associated equipment.
2) Blow down well. Kill well. ND WH. NU BOPE and test.
3) TOH and LD production tubing
4) PU and TIH with 2-7/8" work-string and 5" casing scraper to 7,320'. TOH. LD scraper.
5) ***PLUG #1: DAKOTA & GRANEROS PERFORATIONS, GRANEROS TOP, LINER TOP***
TIH with 5" CICR on 2-7/8" work-string. Set CICR. MIRU Cementers. Pump cement. TOH.

5" CICR:	7,270'		
Plug Coverage:	7,122'	to	7,270'
Cement Volume:	29 sx	*ABOVE CICR*	
	29 sx	***TOTAL***	

6) PU and TIH with 2-7/8" work-string and 7" casing scraper to 7,122' (top of cement plug #1). TOH. LD scraper.
7) MIRU WLU. Run RCBL on 7" casing from 7,122' (top of cement plug #1) to surface. Review RCBL and send copies to BLM and NMOCD before proceeding. RD WL. Note: depending on the fluid column that can be supported by the well, an additional RCBL may need to be run after setting plug #3 or prior to setting plug #3 using an RBP set at 5,141' (RBP will be removed after running CBL and prior to setting plug #3).
8) ***PLUG #2: GALLUP TOP***

TIH with 7" CICR on 2-7/8" work-string. Set CICR. Pump cement. TOH.

7" CICR:	6,372'		
Plug Coverage:	6,272'	to	6,372'
Cement Volume:	29 sx	*ABOVE CICR*	
	29 sx	***TOTAL***	

9) ***PLUG #3: POINT LOOKOUT & MENEFEE PERFORATIONS***

RIH with WL. Perf squeeze holes. TIH with 7" CICR on 2-7/8" work-string. Set CICR. Pump cement. TOH.

Squeeze holes:	5,116'		
7" CICR:	5,066'		
Plug Coverage:	5,016'	to	5,116'
Cement Volume:	36 sx	*THRU CICR*	
	20 sx	*ABOVE CICR*	
	56 sx	***TOTAL***	

10) ***PLUG #4: CLIFFHOUSE TOP***

RIH with WL. Perf squeeze holes. TIH with 7" CICR on 2-7/8" work-string. Set CICR. Pump cement. TOH.

Squeeze holes:	4,823'		
7" CICR:	4,773'		
Plug Coverage:	4,723'	to	4,823'
Cement Volume:	36 sx	*THRU CICR*	
	20 sx	*ABOVE CICR*	
	56 sx	***TOTAL***	

11) ***PLUG #5: CHACRA TOP***

RIH with WL. Perf squeeze holes. TIH with 7" CICR on 2-7/8" work-string. Set CICR. Pump cement. TOH.

Squeeze holes:	3,647'		
7" CICR:	3,597'		
Plug Coverage:	3,547'	to	3,647'
Cement Volume:	36 sx	*THRU CICR*	
	20 sx	*ABOVE CICR*	
	56 sx	***TOTAL***	

12) MU casing cutting tools and TIH/RIH. Depending on conditions encountered in the well, a tubing-conveyed mechanical cutter or wireline-conveyed chemical cutter may be used to cut the casing. Cut 7" casing at 3,271' (50' below 9-5/8" casing shoe). TOH/POH with cutting tools. MIRU casing crew & casing handling tools. TOH and LD 7" casing. RDMO casing crew.

13) TIH with 9-5/8" casing scraper to 3,221' (9-5/8" casing shoe). TOH. LD scraper.

14) RU WL. Run RCBL on 9-5/8" casing from 3,221' (casing shoe) to surface. Review RCBL and send copies to BLM and NMOCD before proceeding. RD WL.

15) ***PLUG #6: 7" CASING STUB & 9-5/8" CASING SHOE***

TIH with work-string. Spot plug. Pull up hole.

Plug Coverage:	3,171'	to	3,271'
Cement Volume:	42 sx	*8-3/4" OH*	
	38 sx	*9-5/8" CSG*	
	80 sx	***TOTAL***	

16) **PLUG #7: PICTURED CLIFFS TOP & FRUITLAND TOP**

Spot balanced plug. TOH.

Plug Coverage:	2,797'	to	3,098'
Cement Volume:	58 sx		
	58 sx	***TOTAL***	

17) ***PLUG #8: KIRTLAND TOP & OJO ALAMO TOP***

RIH with WL. Perf squeeze holes. TIH with 9-5/8" CICR on 2-7/8" work-string. Set CICR. Pump cement. TOH.

Squeeze holes:	2,567'		
9-5/8" CICR:	2,517'		
Plug Coverage:	2,364'	to	2,567'
Cement Volume:	130 sx	*THRU CICR*	
	77 sx	*ABOVE CICR*	
	207 sx	***TOTAL***	

18) ***PLUG #9: NACIMIENTO TOP***

RIH with WL. Perf squeeze holes. TIH with 9-5/8" CICR on 2-7/8" work-string. Set CICR. Pump cement. TOH.

Squeeze holes:	1,240'		
9-5/8" CICR:	1,190'		
Plug Coverage:	1,140'	to	1,240'
Cement Volume:	74 sx	*THRU CICR*	
	38 sx	*ABOVE CICR*	
	112 sx	***TOTAL***	

19) ***PLUG #10: SURFACE CASING SHOE & SURFACE PLUG***

RIH with WL. Perf squeeze holes. RDMO WL. TIH with 9-5/8" CICR on 2-7/8" work-string. Set CICR. Establish circulation down work-string and out bradenhead. Pump cement. TOH and LD work-string.

Squeeze holes:	366'		
9-5/8" CICR:	316'		
Plug Coverage:	0'	to	366'
Cement Volume:	270 sx	*THRU CICR*	
	139 sx	*ABOVE CICR*	
	409 sx	***TOTAL***	

20) ND BOPE. Cut off casing and wellhead (minimum of 3' below finished grade). Top off annulus and casing with cement, if required. RDMO cement equipment. Install below-grade P&A marker (minimum 1/4" thick steel plate with weep hole, welded in place covering the well, well information permanently inscribed). RDMO.

21) Complete surface reclamation as per approved reclamation plan.

Created by: A. Bridge 5/4/2020