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Office	State of New Mexico	Form C-103 Revised July 18, 2013
<u>District I</u> – (575) 393-6161 Energy, N 1625 N. French Dr., Hobbs, NM 88240	Minerals and Natural Resources	WELL API NO.
District II = (575) 748-1283	NOEDU ATION DIVIGIONI	30-015-40796
811 S. First St., Artesia, NM 88210 OIL CO	NSERVATION DIVISION 20 South St. Francis Dr.	5. Indicate Type of Lease STATE FEE
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
87505		
SUNDRY NOTICES AND REP (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL O DIFFERENT RESERVOIR. USE "APPLICATION FOR PERI	R TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name Kaiser 18 A
PROPOSALS.)	Other	0 Well Namber
 Type of Well: Oil Well ☐ Gas Well ☐ Gas We	Other	9. OGRID Number 015
Riley Permian Operating Company LLC		372290
3. Address of Operator		10. Pool name or Wildcat
29 E. Reno Avenue Suite 500, Oklahoma City, OF	Z 73104	Yeso
4. Well Location	Constitution and the Property of	
		feet from the east line
10	nship 18S Range 27E (Show whether DR, RKB, RT, GR, etc.	NMPM County Eddy
11. Diovation	3292	
12. Check Appropriate B	ox to Indicate Nature of Notice,	Report or Other Data
NOTICE OF INTENTION T		SEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND A	Section of the sectio	
TEMPORARILY ABANDON ☐ CHANGE PLA PULL OR ALTER CASING ☐ MULTIPLE CO	130 100 100 100 100 100 100 100 100 100	
DOWNHOLE COMMINGLE		Notify OCD 24 hrs. prior to any work
CLOSED-LOOP SYSTEM		done
OTHER:	OTHER:	
 Describe proposed or completed operations of starting any proposed work). SEE RULI proposed completion or recompletion. 		
SEI	E CHANGES TO PROCEDURE	
Riley Permian Operating plans to pull the plugging the well according to New Mexico		face and set the required plaque,
progging the went deserting to Iven Mexico	raics and regulations.	
4"diameter 4' tall Above Ground M	arker	
Spud Date:	Rig Release Date:	
SEE ATTACHED COA's	MUST DE DUIGCED	PV 44 /4 /2 4
I hereby certify that the information above is true an	MUST BE PLUGGED	
I hereby certify that the information above is true an	a complete to the best of my knowledg	ge and benefi.
SIGNATURE Shull him	TITLE EHSTR Manag	DATE 12/4/23
Type or print name Spence Laird For State Use Only	E-mail address: Spencelaird	rilapennian. PHONE: 405-543-1411
APPROVED BY: Conditions of Approval (if any):	title_Staff Ma	Enager Date 12/8/23



Procedure to P&A
AFE: 23PA00
API # 30-15-40796
330' FNL & 800' FEL
18-18S-27E

Eddy County, New Mexico

TD: 4425' MD PBTD: 4365' MD

Deviation: Vertical well Perfs: 3030'-3282' 40 holes, 3340'-3550' 40 holes

3750'-4090' 47 holes

WORKOVER PROCEDURE

PRESENT WELL DATA

Material	Description	Burst (psi) (100%)	Burst (psi) (80%)	Collapse (psi)	ID (in)	Drift (in)
Surface Casing	8 5/8" 24# J-55 @ 424'	3,930	3,144	1,370	8.097	7.972
Production Casing	5 1/2" 17# J55 @ Surf – 4,422"	5,320	4,256	4,910	4.892	4.767
Tubing	2-7/8" 6.5# 8rd EUE @ 0' – 4130'	7,260	5.808	7,680	2.441	2.347

FORMATION DATA

Zone	Depth	EST BHP EST BHT
"Yeso"	~3,560' TVD AVE.	~1,000 psi 106° F

RILEY EXPLORATION REQUIRES HARD HATS, STEEL TOED BOOTS, FRC AND SAFETY GLASSES TO BE WORN ON LOCATION.

HOLD SAFETY MEETING PRIOR TO COMMENCING OPERATIONS.



The job objective is to pull the rods and tubing. The well will be plugged according to New Mexico rules and regulations.

PROCEDURE:

- 1) Contact Production Foreman, Steve Forister (505) 400-4571, prior to commencing ops. Check anchor tags prior to RU to ensure anchors have been tested in the last 2 years.
- 2) Check wellhead pressure on 8-5/8" x 5 1/2" annulus and 5 1/2" x 2-7/8" annulus and report.
- 3) MIRU plugging unit. Unhang horse's head. Unseat pump. Pull out of hole with rods and pump as follows:
 - Polish rod
 - Rod subs
 - Corod
 - K-bars
 - Insert pump
- 4) ND wellhead. NU BOP. Kill well as needed.
- 5) POOH w/tubing out of hole as follows:
 - 84 joints 2 7/8" J55 tubing
 - Tubing anchor
 - 47 joints 2 7/8" J-55 tubing
 - SN
 - 4'perf sub
 - 1 joint 2 7/8" tubing
 - Bull plug
- 6) MIRU wireline unit. PU & TIH w/ 5 ½ 17# CIBP. Set CIBP @ 2750' Test casing 500psi/30min spot 25 sx cmt woc & tag Run CBL
- 7) RDMO wireline unit.
- 8) TIH w/ 2 7/8" tubing to 3010'. Circulate hole w/MLF. Pressure test casing.



- 9) Spot 25 sx cement plug @ 2735' 2535'
- 10) Spot 25 sx cement plug @ 988' 788
- 11) Spot 50 sx cement plug @ 475'-Surf.
- 12) Cut off wellhead. Verify cement @ surface.
- 13) Weld on dry hole marker.



Kaiser 18 A 15
Procedure to P&A
AFE: 23PA00
API # 30-15-40796
330' FNL & 800' FEL
18-18S-27E
Eddy County, New Mexico

In Case of an Emergency Call – 911

Artesia NM Ambulance – 575-746-5051

Artesia General Hospital – 575-748-3333

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD at 575-626-0830 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.

- 1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- 2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- 3. Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- 5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
- 6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 8. Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- 11. Class 'C' cement will be used above 7500 feet.
- 12. Class 'H' cement will be used below 7500 feet.
- 13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- 14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

- 16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- 18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - 1) Glorieta
 - J) Yates.
 - K) Cherry Canyon Eddy County
 - L) Potash---(In the R-111-P Area (Page 3 & 4), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
- 21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

T 18S - R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S - R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A-F. Sec 27 Unit A,B,C,F,G,H.

T 19S - R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S - R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S - R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S - R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S - R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S - R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S - R 30E

Sec 1 – Sec 36

T 21S - R 31E

Sec 1 – Sec 36

T 22S - R 28E

Sec 36 Unit A,H,I,P.

T 22S - R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S - R 30E

Sec 1 – Sec 36

T 22S - R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S - R 28E

Sec 1 Unit A

T 23S - R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S - R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S - R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S - R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S - R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S - R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.



Procedure to P&A
AFE: 23PA00
API # 30-15-40796
330' FNL & 800' FEL
18-18S-27E

Eddy County, New Mexico

TD: 4425' MD PBTD: 4365' MD

Deviation: Vertical well Perfs: 3030'-3282' 40 holes, 3340'-3550' 40 holes

3750'-4090' 47 holes

WORKOVER PROCEDURE

PRESENT WELL DATA

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FORMATION DATA

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RILEY EXPLORATION REQUIRES HARD HATS, STEEL TOED BOOTS, FRC AND SAFETY GLASSES TO BE WORN ON LOCATION.

HOLD SAFETY MEETING PRIOR TO COMMENCING OPERATIONS.



The job objective is to pull the rods and tubing. The well will be plugged according to New Mexico rules and regulations.

PROCEDURE:

- 1) Contact Production Foreman, Steve Forister (505) 400-4571, prior to commencing ops. Check anchor tags prior to RU to ensure anchors have been tested in the last 2 years.
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 - Rod subs
 - Corod
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- 7) RDMO wireline unit.
- 8) TIH w/ 2 7/8" tubing to 3010'. Circulate hole w/MLF. Pressure test casing.



- 9) Spot 25 sx cement plug @ 3020'- 2820'.
- 10) Spot 25 sx cement plug @ 930'-730'
- 11) Spot 50 sx cement plug @ 475'-Surf.
- 12) Cut off wellhead. Verify cement @ surface.
- 13) Weld on dry hole marker.



Kaiser 18 A 15
Procedure to P&A
AFE: 23PA00
API # 30-15-40796
330' FNL & 800' FEL
18-18S-27E
Eddy County, New Mexico

In Case of an Emergency Call – 911

Artesia NM Ambulance – 575-746-5051

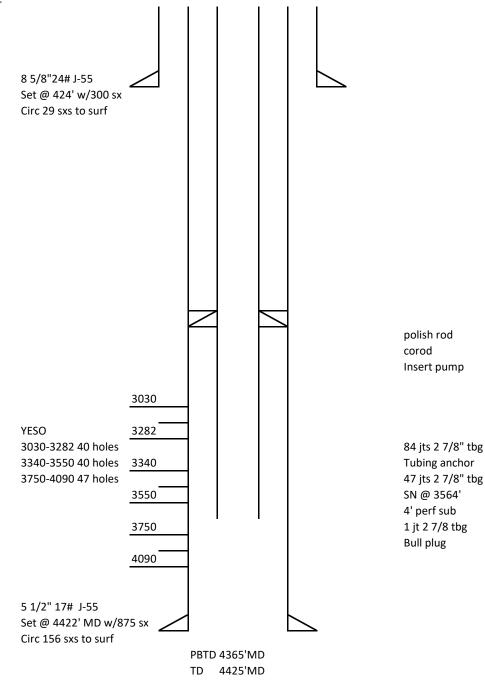
Artesia General Hospital – 575-748-3333

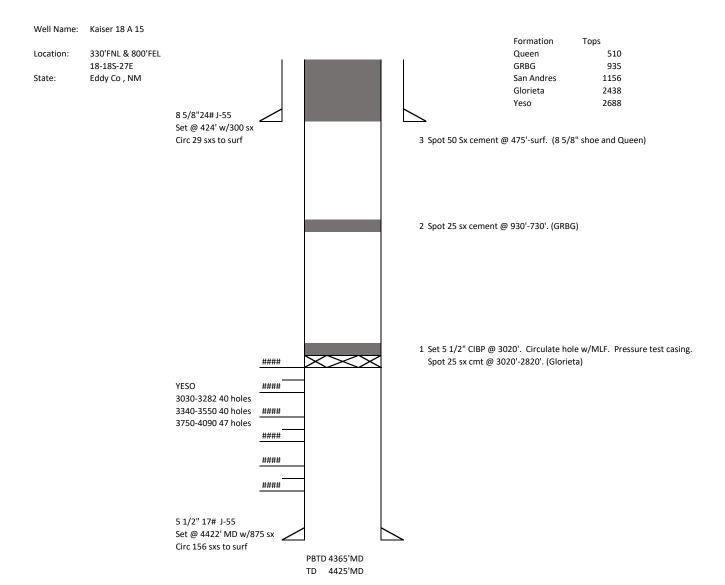
Well Name: Kaiser 18 A 15

Location: 330'FNL & 800'FEL

18-18S-27E

State: Eddy Co , NM





District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 291004

CONDITIONS

Operator:	OGRID:
RILEY PERMIAN OPERATING COMPANY, LLC	372290
29 E Reno Avenue, Suite 500	Action Number:
Oklahoma City, OK 73104	291004
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created	By Condition	Condition Date
gcorde	ro None	12/8/2023