

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-09558
5. Indicate Type of Lease STATE [] FEE [x]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cooper Jal Unit
8. Well Number #107
9. OGRID Number 240974
10. Pool name or Wildcat Jalmat; Tan-Yates 7Rvrs
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [x] Gas Well [] Other []
2. Name of Operator Legacy Reserves Operating LP
3. Address of Operator P.O. Box 10848, Midland, TX 79702
4. Well Location
Unit Letter K : 1650 feet from the S line and 1980 feet from the W line
Section 13 Township 24S Range 36E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON [x]
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: []

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 1. Tag existing 5 1/2" CIBP @ 3020 w/ 35' cmt cap on top. Circulate hole w/ MLF. Pressure test csg.
2. Spot 25 sx cmt @ 2900-2700'. WOC & Tag (Yates)
3. Perf & Sqz 50 sx cmt @ 1300-1097'. WOC & Tag (DV Tool)
4. Perf & Sqz 70 sx cmt @ 302' to surface.
5. Cut off well head, verify cmt to surface, weld on Dry Hole Marker.

Spud Date: 4" diameter 4' tall Above Ground Marker

Rig Release Date: SEE ATTACHED CONDITIONS OF APPROVAL

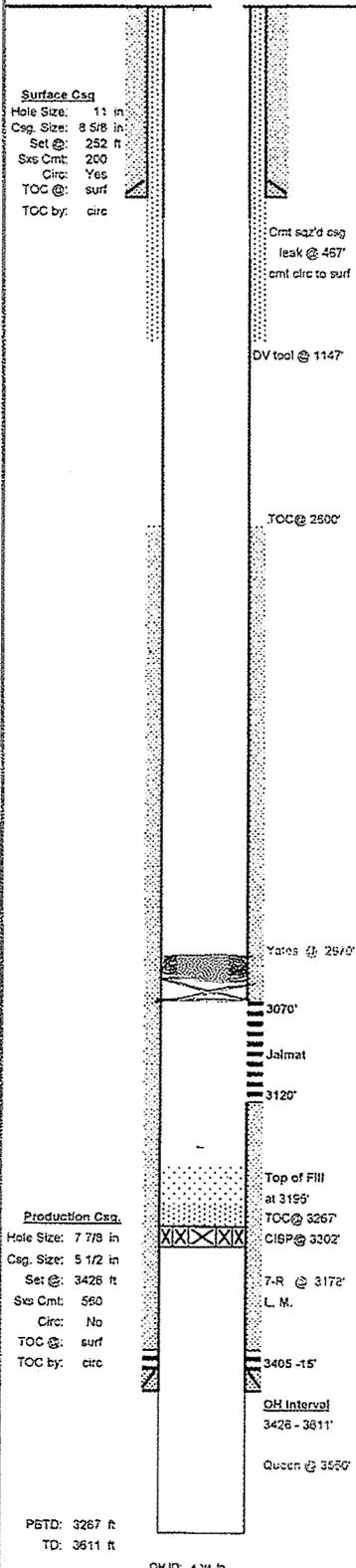
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Compliance Coordinator DATE 3/12/2021
Type or print name Melanie Reyes E-mail address: mreyes@legacyreserves.com PHONE: (432) 221-6358
For State Use Only

APPROVED BY: [Signature] TITLE Compliance Officer A DATE 5/4/21
Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC



LEASE NAME	Cooper Jal Unit		WELL NO.	107
STATUS:	Active	Rod Pump - Gas	API#	30-025-09558
LOCATION:	1650 FSU & 1980 FWJ, Sec 13, T-24S, R-36E, Lee County, New Mexico			
SPUD DATE:	TD	3611	KB	3,327'
INT. COMP. DATE:	09/26/52	PBTD	3267	GL
				3,316'

ELECTRIC LOGS:		CORES, DST'S or MUD LOGS:	
GR-N (3-23-52 Lane Wells)			
CBL-GR-MSG-CCL from 3400 - 1500 ft (11-2-94 Haliburton)			
HYDROCARBON BEARING ZONE DEPTH TOPS:			
Yates @ 2970'	7-Rivers @ 3175'	Queen @ 3550'	

CASING PROFILE	
SURF	8 5/8" - 28# J-55 set @ 252' Cmt'd w/200 sxs - circ cmt to surf.
PROD	5 1/2" - 15.5# J-55 set @ 3426' Cmt'd w/200 sxs - TOC @ 2600' ft surf. DV tool @ 1147' - pmp 200 sxs - Sqz csg @ 467'
LINER	None
TOC @ surf by circ	

CURRENT PERFORATION DATA	
CSG. PERFS:	OPEN HOLE 3426 - 3611'
3070-3120' w/ 4 spf (200 - 0.56" holes)	Isolated below CIBP
3405 - 3415' (Isolated below CIBP)	

TUBING DETAIL		ROD DETAIL	
8/12/04		8/13/04	
Length (ft)	Detail	Length (ft)	Detail
2986	92	92	2 7/8" 6.5#, J-55, 6rd EUE tbg.
3	1	1	1-5 1/2" TAC
96	3	3	3 jts - 2 7/8" 6.5#, J-55, 6rd EUE tbg.
1	1	1	1 - 2 7/8" OD - S.N.
4	1	4	2 7/8" Perf Sub
31	1	1	1 - 2 7/8" J-55 MA
3123			btm
		0	
		3087	btm

WELL HISTORY SUMMARY

26-Aug-52 Initial completion interval: 3426 - 3611' (7 RVS/Queen - OH). IP=0 bopd, 0 bwpd, 4.4 MMcf/gpd @ AOF. ISITP=932 psi.
 1-Jan-55 Attempted to prod. into int. gas line. Well press too low; showing little light oil. Well fldw by heads into csg head gas line.
 1-Jan-58 Shut-in. (Reclass. LM oil)
 15-Feb-73 Converted to injector. C/O to TD @ 3611' & Perf'd 7 RVS f/3405 - 3415. Acqd'd w/1,500 gals
 14-Jul-78 Sqz'd csg leak @ 448' w/ 160 sxs. Had circulation to surface. SI braden head and sqz'd cmt to SIP=700 psi. WOC. Drid out & tst to 1000 psi. OK.
 3-Nov-94 Ran bit & scraper to 3400'. Ran CBL-GR-CCL f/3400 - 1500'. Found TOC @ 2600'. Set CIBP @ 3302' & dmp 35' cmt on top. PBTD= 3267'. Spot 500 gals 10% acetic acid f/3120 - 3070'. Perf'd using 4" csg gun f/3070-3120' w/ 4 spf (200 - 0.56" holes) Frac well w/ 70,000 gals & 233,280#s 12/20 sand. PM=3740 - 2150 psi. AIR=40 bpm. ISIP=600 psi, P15min= 250 psig. C/O sand from 2862'-3262' (PBTD). Placed well on production. Pmp: 0 bopd / 65 bwpd / 357 Mcf.
 12-Aug-04 POOH with rods and pump. Pumped 20 bbls of produced water with 5 gallons of de-emulsifier. Tagged bottom at 3195. Found hole 2 joints above SN. Hydrotest tubing in hole to 7,000# - test good. Set TAC with 16,000# tension. Swabbed well f/ 2900' to 2800', recovered 12 bbls of water with some iron sulfide, RIH pump & rods. PWOP. Laid down 8 - 7/8" and 34 - 3/4" rods due to wear. Note: Found 2 joints with external erosion located across perforations!

CIBP set @ 3020' w/ 35' cmt cap

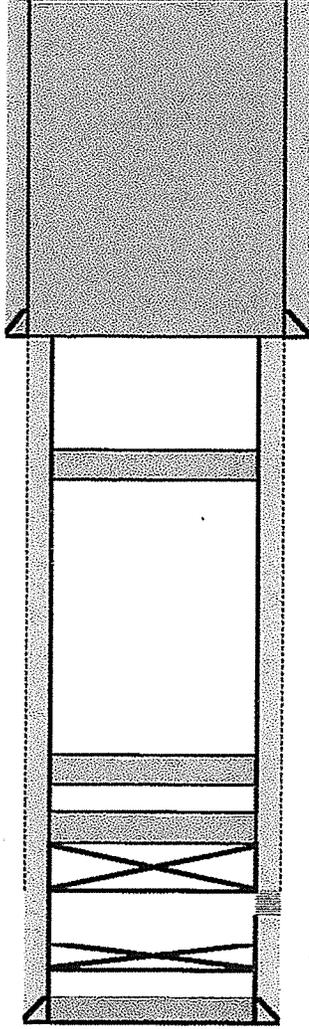
Anhy-113
 T/Salt- 1300
 B/Salt-2800 +/-
 Yates- 2980' +/-
 7Rvs-3200 +/-
 Queen- 3430 +/-

32.2146034
 - 103.2209549

PREPARED BY:	Larry S. Adams	UPDATED:	17-Aug-04
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Legacy- Proposed			
Author:	Abby-BCM & Associates, Inc	Well No.:	#107
Well Name:	Cooper Jal Unit	API #:	30-025-09558
Field/Pool:	Jalmat; Tan-T-7Rvs-Langlie Mattix; Q-Ggbg	Location:	Sec 13, T24S, R36E
County:	Lea	State:	New Mexico
State:	New Mexico	Spud Date:	8/26/1952
Spud Date:	8/26/1952	GL:	3316'

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8	J55	28#	252	11	250	Circ'd
Prod Csg	5 1/2	J55	15.5#	3,426	7 7/8	1,200	Circ'd



8 5/8 28# CSG @ 252
Hole Size: 11

Anhy-113
T/Salt- 1300
B/Salt-2800 +/-
Yates- 2980' +/-
7Rvs-3200 +/-
Queen- 3430 +/-

4. Perf & Sqz 70 sx cmt @ 302' to surface.

3. Perf & Sqz 50 sx cmt @ 1300-1097'. WOC & Tag (DV Tool)

2. Spot 25 sx cmt @ 2900-2700'. WOC & Tag (Yates)

1. Tag existing 5 1/2" CIBP @ 3020 w/ 35' cmt cap on top. Circulate hole w/ MLF. Pressure test csg.

Perfs @ 3070-3120'

CIBP @ 3302'

5 1/2 15.5# CSG @ 3,426
Hole Size: 7 7/8

TD @

**CONDITIONS OF APPROVAL
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 District Office I (Hobbs) at (575)-263-6633 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
 - I) Glorieta
 - J) Yates.
 - K) Potash---(In the R-111-P Area (Potash Mine Area),

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, woe 4 hours and tag, this plug will be SO' 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, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

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 1/4" 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

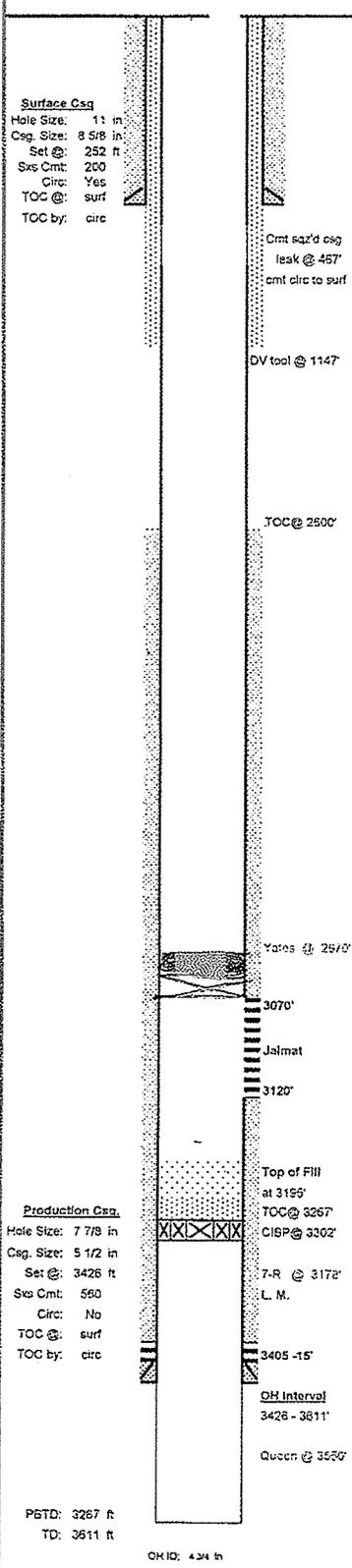
SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

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

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC



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1	1	1	1 - 2 7/8" OD - S.N.
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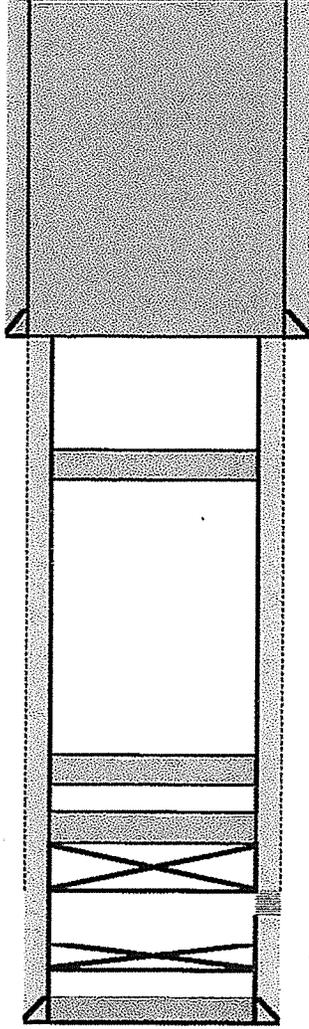
Anhy-113
 T/Salt-
 B/Salt-2800 +/-
 Yates- 2980' +/-
 7Rvs-3200 +/-
 Queen- 3430 +/-

32.2146034
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PREPARED BY:	Larry S. Adams	UPDATED:	17-Aug-04
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Legacy- Proposed	
Author:	Abby-BCM & Associates, Inc
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County	Lea
State	New Mexico
Spud Date	8/26/1952
Well No.	#107
API #:	30-025-09558
Location:	Sec 13, T24S, R36E
GL:	1650' FSL & 1980'FWL
	3316'

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8	J55	28#	252	11	250	Circ'd
Prod Csg	5 1/2	J55	15.5#	3,426	7 7/8	1,200	Circ'd



8 5/8 28# CSG @ 252
Hole Size: 11

Anhy-113
T/Salt-
B/Salt-2800 +/-
Yates- 2980' +/-
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Queen- 3430 +/-

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Perfs @ 3070-3120'

CIBP @ 3302'

5 1/2 15.5# CSG @ 3,426
Hole Size: 7 7/8

TD @

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

District IV
 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

COMMENTS

Action 20671

COMMENTS

Operator: LEGACY RESERVES OPERATING, LP Suite 3000	15 Smith Road Midland, TX79705	OGRID: 240974	Action Number: 20671	Action Type: C-103F
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Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	05/05/2021

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

District IV
 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 20671

CONDITIONS OF APPROVAL

Operator: LEGACY RESERVES OPERATING, LP Suite 3000 Midland, TX79705		15 Smith Road	OGRID: 240974	Action Number: 20671	Action Type: C-103F
OCD Reviewer kfortner	Condition See attached conditions of approval				