

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.
30-025-25495
5. Indicate Type of Lease
STATE [ ] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
Denton
8. Well Number #1
9. OGRID Number
240974
10. Pool name or Wildcat
Denton (Devonian)
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3788' GL

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 O : 990 feet from the S line and 1980 feet from the E line
Section 11 Township 15S Range 37E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3788' GL

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 5 1/2" CIBP @ 11,210' w/ 35' cmt cap on top. 1.(b Spot 25 sx Class H 10,350' WOC & Tag (Atoka & Strawn)
2. Spot 25 sx cmt @ 9930-9730'. WOC & Tag (DV Tool) 2.(b Spot 25 sx Class H 8995 WOC & Tag (Abo) 2. (c Spot 25 sx Class H 7915 WOC & Tag (Drinkard)
3. Spot 25 sx cmt @ 7300-7100'. (Tubb) 3. (b Spot 25 sx Class C 6645' WOC & tag (Blinbery) 3. (c Perf and Squeeze 50 sx Class C 5980' WOC & tag (Glorietta)
4. Perf & Sqz 50 sx cmt @ 4735-4535'. WOC & Tag (8 5/8" Shoe) 4. (b Perf & Sqz 50 sx Class C 3960' WOC & tag (Grayburg)
5. Perf & Sqz 50 sx cmt @ 2950-2750'. WOC & Tag (B/Salt) 4. (c Perf & Sqz 50 sx Class C 3650 WOC & tag (7 Rvrs & Queen)
6. Perf & Sqz 50 sx cmt @ 2180-1980'. WOC & Tag (T/Salt)
7. Perf & Sqz 90 sx cmt @ 431' to Surface.
8. Cut off well head, verify cmt to surface, weld on Dry Hole Marker.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

[Empty box for Rig Release Date]

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):

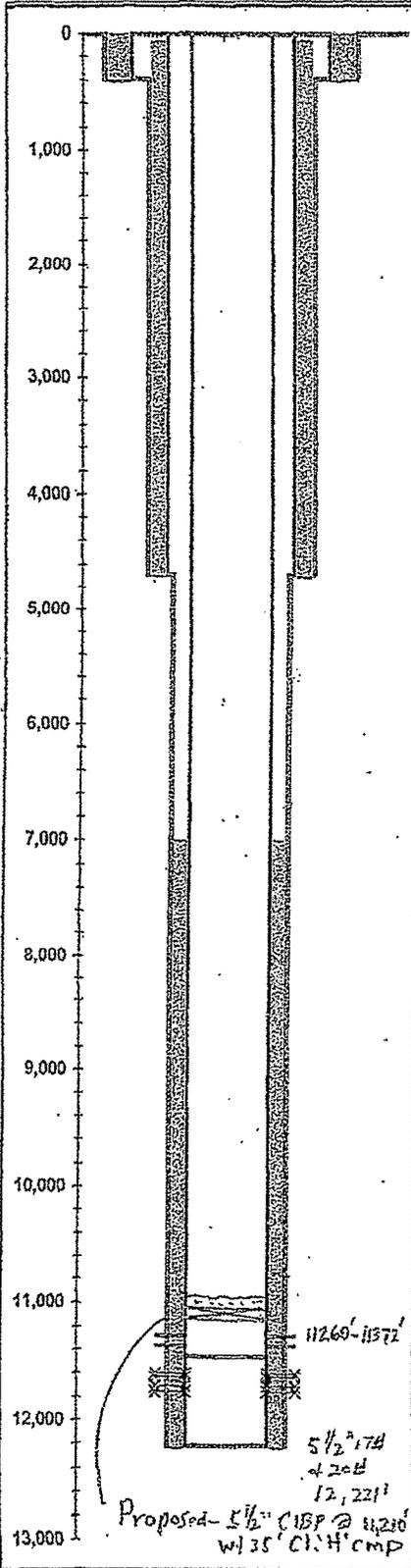
Wellbore Schematic (From Surface to TD)

Printed: 3/17/2015

Denton # 1

BOLO ID: 300021.01

API # 3002525495



990 FSL & 1980 FEL	GL Elev: 3,788.00	KOP:	
Sec, Blk, Sur(Lbr, Lge, Sur) or (Sec, Twn, Rng): 11, 15S, 37E		EOC:	
County, State: Lea, NM		Fill Depth:	
Aux ID: 23140		PBTD:	
KB = 15; DF = ; All Depths Corr-To: KB		TD:	12,212.00
		BOP:	

Hole Size			
Diameter	Top At	Btm At	Date Drilled
17.2500	0.00	381.00	3/26/1977
11.2500	381.00	4,685.00	4/6/1977
7.8750	4,685.00	12,212.00	6/4/1977

Surface Casing							Date Ran: 3/26/1977	
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At	
Casing	9	13.3750	54.50		381.00	15.00	396.00	

Intermediate Casing							Date Ran: 4/6/1977	
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At	
Casing	120	8.6250	24.00	K55	4,685.00	15.00	4,700.00	
24# & 32#								

Production Casing String 1							Date Ran: 6/7/1977	
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At	
Casing		5.5000	20.00	N80	1,713.00	15.00	1,728.00	
Casing		5.5000	17.00	N80	9,872.00	1,728.00	11,600.00	
Casing		5.5000	20.00	N80	621.00	11,600.00	12,221.00	

Cement							
# Sx	Class	Weight	I D	O D	Top At	Btm At	TOC Per
400			13.375	17.250	0.00	381.00	Circ
1450			8.625	11.250	65.00	4,685.00	TS
1800			5.500	7.875	7,000.00	12,212.00	DV Tool
600			5.500	7.875	11,715.00	11,750.00	Calc

Squeezed off 35' of perms

Zone and Perfs  
DEVONIAN

Perforations							
Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
11,260.00	11,269.00	Devonian	A	10/20/1992		2	18
11,272.00	11,277.00	Devonian	A	10/20/1992		2	10
11,284.00	11,288.00	Devonian	A	10/20/1992		2	8
11,352.00	11,372.00	Devonian	A	10/20/1992		2	40
11,608.00	11,634.00	Devonian	PA	9/24/1980	10/20/1992	1	26
11,700.00	11,750.00	Devonian	PA	6/16/1977	6/16/1977		
11,700.00	11,715.00	Devonian	PA	6/17/1977	9/24/1980	2	30

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
11,450.00	11,460.00	CIBP	5.500	Yes	10/20/1992

Tubing String 1							Date Ran: 10/25/2011	
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At	
Tbg Sect 1	343	2.8750		N80	10,724.70	15.00	10,739.70	
Stg Nipple	1	2.8750			1.00	10,739.70	10,740.70	
ESP Protctr	1	4.0000			11.63	10,740.70	10,752.33	
ESP Motor	1	4.5000			23.37	10,752.33	10,775.70	
ESP Motor	1	4.5000			24.34	10,775.70	10,800.04	

Proposed - 5 1/2" CIBP @ 11,210'  
w/ 35' C.I.H. CMP cap

33.0273972  
-103.1687317

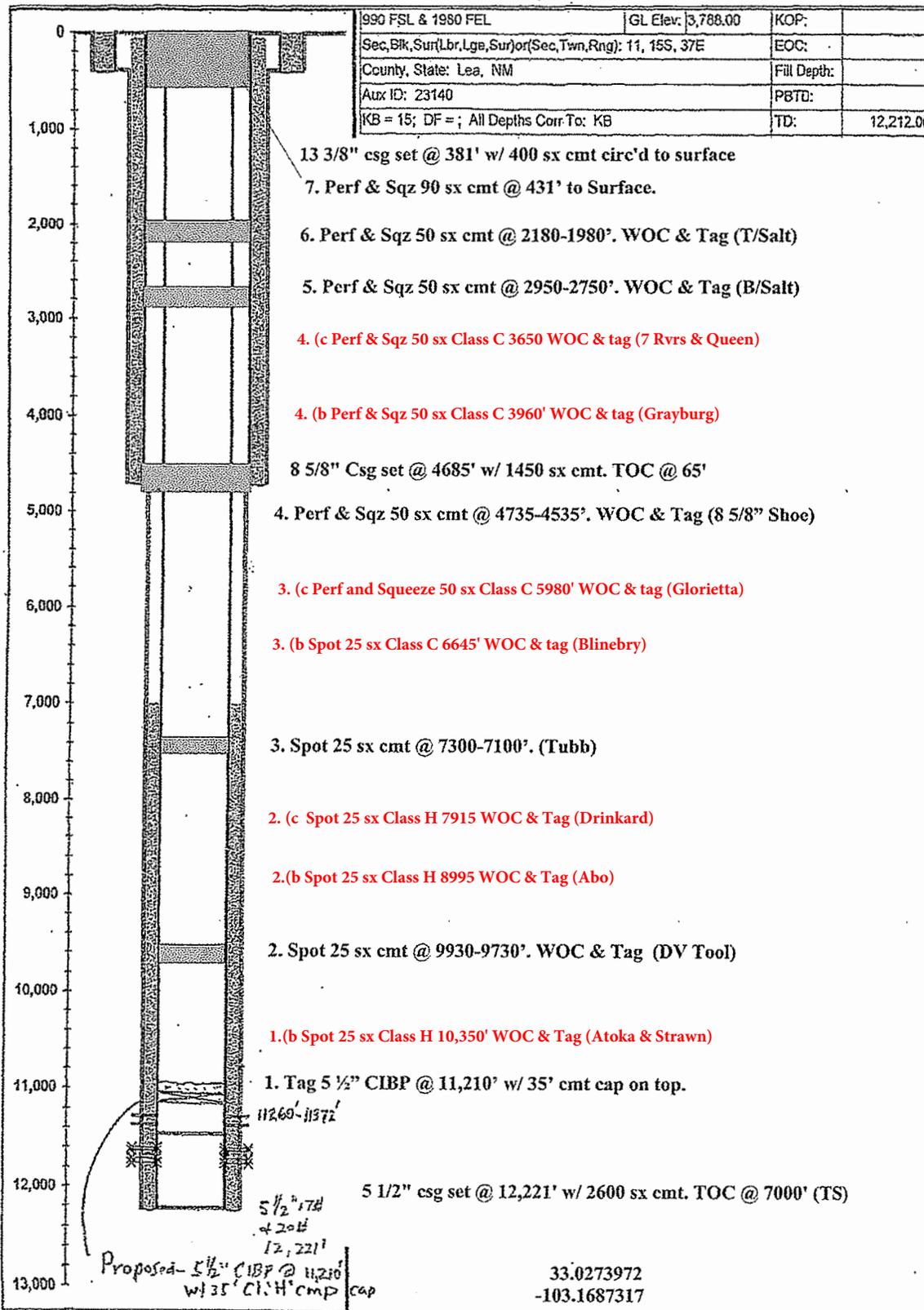
**Wellbore Schematic (From Surface to TD)**

Printed: 3/17/2015

Denton # 1

BOLO ID: 300021.01

API # 3002525495



**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**

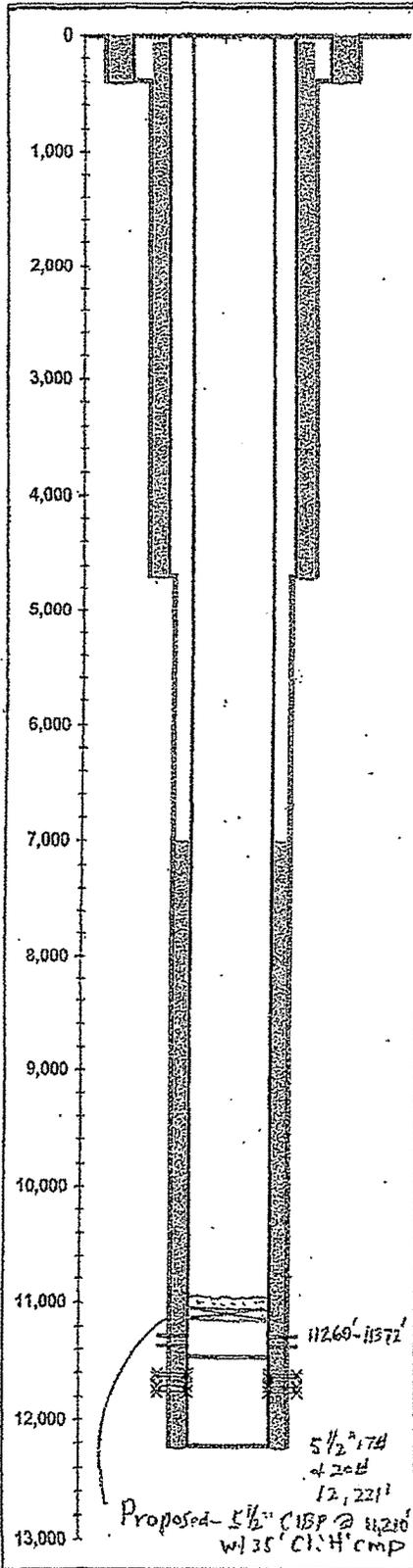
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BOLO ID: 300021.01

API # 3002525495



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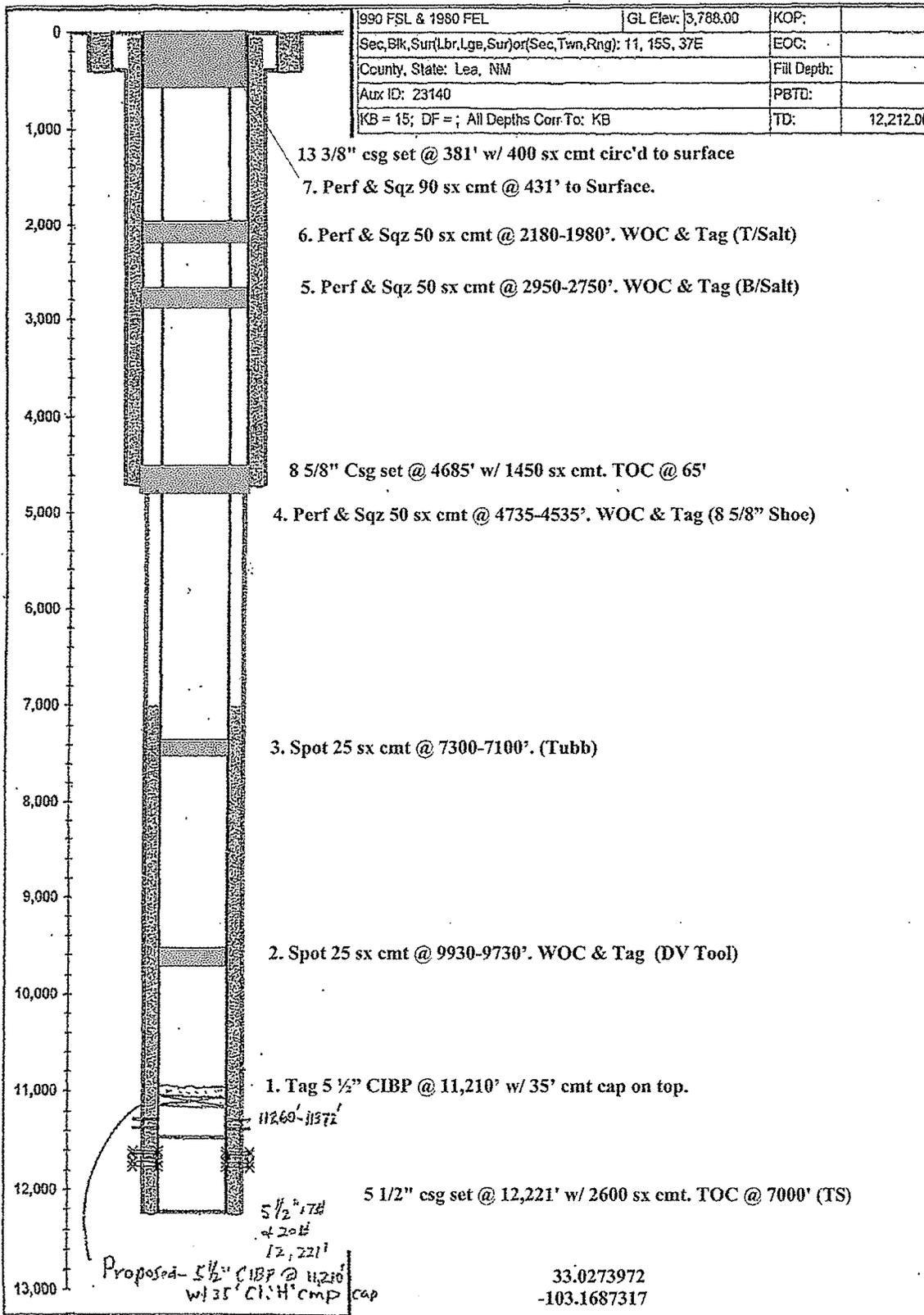
### Wellbore Schematic (From Surface to TD)

Printed: 3/17/2015

Denton # 1

BOLO ID: 300021.01

API # 3002525495



- Anhy- 2080
- T/Salt- 2130
- B/Salt- 2900
- Yates- 3060
- 7 Rvs- 3395
- Queen- 3675
- Grbg- 3960
- S/A- 4585
- GI- 5980
- Bliebry- 6645'
- Tubb- 7245
- Drinkard- 7915
- Abo-8995
- Canyon- 9905
- Strawn- 10240
- Atoka-10355
- Miss- 10487
- Dev- 11255

Perfs @  
11,260-11,750'

**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 20673

**COMMENTS**

Operator: LEGACY RESERVES OPERATING, LP Suite 3000	15 Smith Road Midland, TX79705	OGRID: 240974	Action Number: 20673	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

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

CONDITIONS

Action 20673

**CONDITIONS OF APPROVAL**

Operator: LEGACY RESERVES OPERATING, LP Suite 3000 Midland, TX79705		15 Smith Road	OGRID: 240974	Action Number: 20673	Action Type: C-103F
OCD Reviewer kfortner	Condition See attached conditions of approval Note changes to procedure				