Office	State of New Mexico	Form C-103 Revised July 18, 2013
<u>District 1</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	NSERVATION DIVISION	30-005-63093
811 5. Flist St., Allesia, NW 88210	20 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE FEE 6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM		0. State Off & 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
PROPOSALS.)	with (rokine-tor) for soen	TRUE GRIT FEE 8. Well Number 1
	Other	
2. Name of Operator LEGACY RESERVES OP	ERATING LP	9. OGRID Number 240974
3. Address of Operator PO BOX 10848, MIDLAN	D TX 79702	10. Pool name or Wildcat CHISUM DEVONIAN, NORTHEAST
4. Well Location	b, 17 17102	
	rom the <u>NORTH</u> line and	1215 feet from the WE <u>ST</u> line
	uship <u>11S</u> Range <u>28E</u>	NMPM County CHAVES
LL Elevation	(Show whether DR, RKB, RT, GR, etc.	
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12. Check Appropriate B	ox to Indicate Nature of Notice	, Report or Other Data
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PULL OR ALTER CASING 🛛 MULTIPLE CO	OMPL 🔲 CASING/CEMEN	
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True Grit Fee #1 API: 30-005-63093 Chaves County, New Mexico 6/21/2016

Note: All plugs to be minimum 25 sacks of cement.

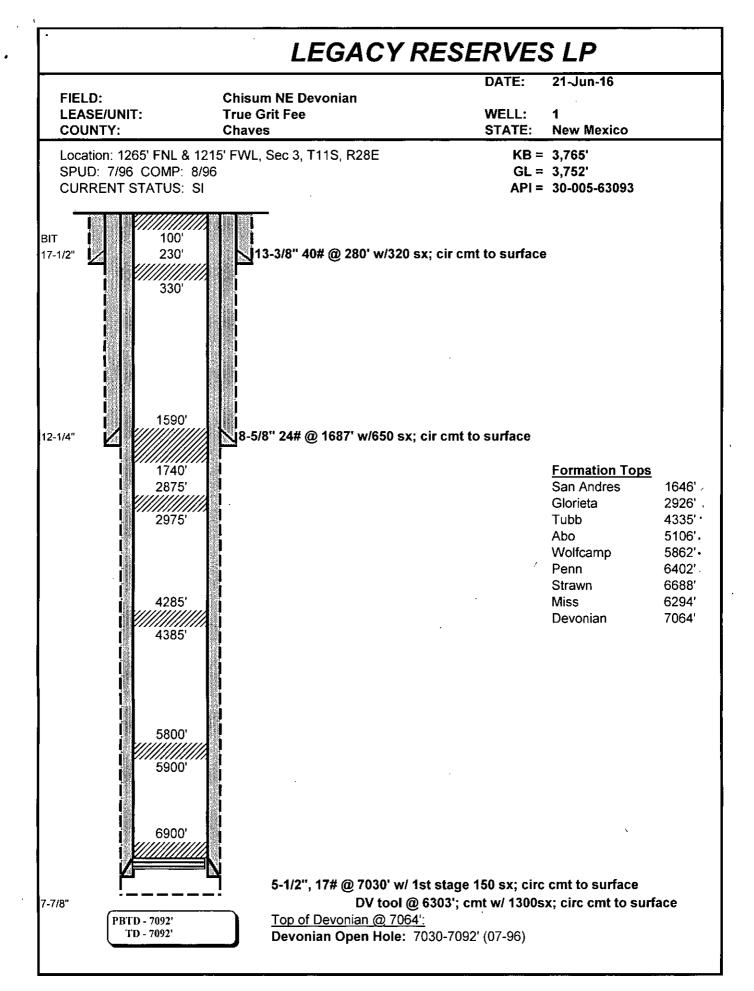
Proposed P&A Procedure

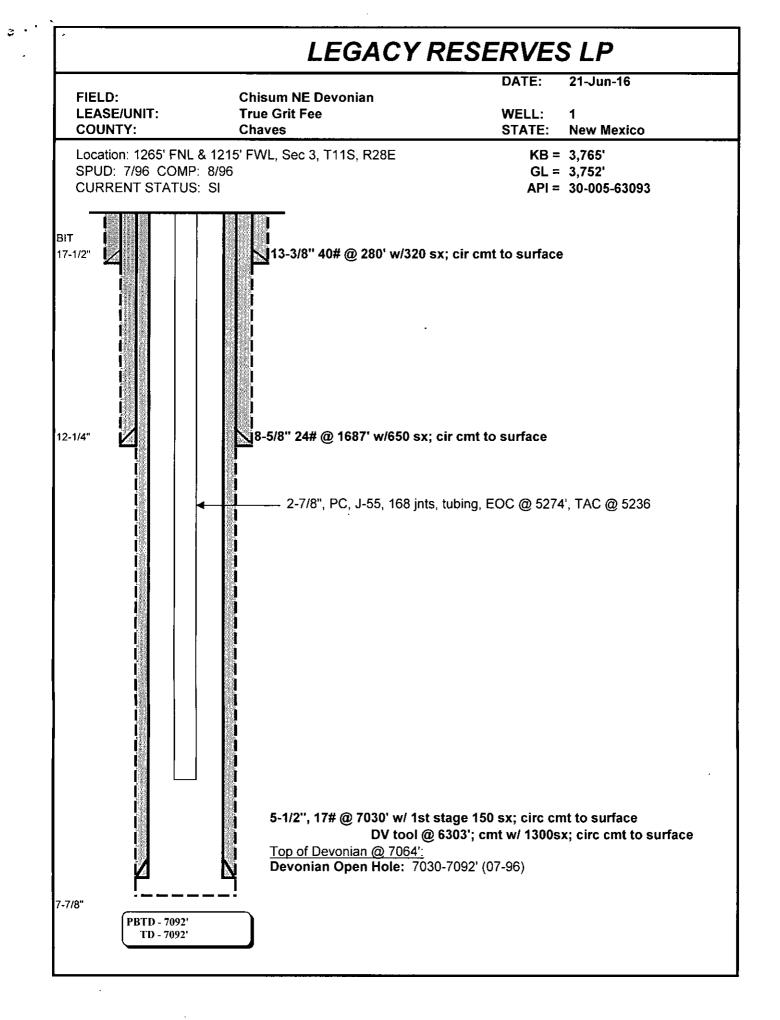
- 1. MIRU. Lay down rods and tubing string. Pick up work string.
- 2. RIH and set 5-1/2" CIBP and set @ 7000', and spot 25 sx of cement on top of CIBP. WOR 4 HIS + THE
- 3. Circulate minimum 9.5 ppg P&A mud to surface. Pressure test casing.
- 4. TOOH to 5900'. Spot 100' balanced cement plug w/ 25 sx cement.
- 5. TOOH to 4385'. Spot 100' balanced cement plug w/ 25 sx cement.
- 6. TOOH to 2975'. Spot 100' balanced cement plug w/ 25 sx cement.
- 7. TOOH to 1740'. Spot 150' balanced cement plug w/ 25 sx cement. woe 41/25 TAG
- 8. TOOH to 330'. Spot 100' balanced cement plug w/ 25 sx cement. wee 4 HAS 2 TAG
- 9. TOOH to 100'. Circulate cement from 100' to surface.

10. Top off casing, remove WH, set P&A marker, clean and reclaim location.

John Saenz . . .

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CONDITIONS FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

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

- 1. Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.
- 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. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 7. Produced water will not be used during any part of the plugging operation.
- 8. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 9. 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.
- 10. Class 'C' cement will be used above 7500 feet.
- 11. Class 'H' cement will be used below 7500 feet.
- 12. A cement plug is required to be set 50' above and 50' below, all casing shoes, casing stubs, DV tools, attempted casing cut offs, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- 13. 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
- 14. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- 15. 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).
- 16. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
- 17. Formations to be isolated with cement plugs are:
 - A) Fusselman

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- B) Devonian
- C) Morrow

- D) Wolfcamp
- E) Bone Springs
- F) Delaware
- G) Any salt sections
- H) Abo

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- 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, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
- 18. 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, cement will be set 50' below to 50' above perforation 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 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 be GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)