

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 ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-025-33778

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

John D Knox

8. Well Number

14

9. OGRID Number 330679

10. Pool name or Wildcat

Eunice Monument; Grayburg – San Andres

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 ☐ Gas Well ☐ Other - Injection

2. Name of Operator

Empire Petroleum Corporation – New Mexico

3. Address of Operator

2200 S. Utica Place Suite 150, Tulsa, Oklahoma 74114

4. Well Location

Unit Letter J : 2337 feet from the South line and 1543 feet from the East lineSection 10 Township 21S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐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. MIRU WOR.
2. Unset packer and scan tubing OOH.
3. RIH with RBP and test casing.
4. RIH with CIBP and set at 5794'.
5. Dump 4 sks class C cement on top of CIBP; WOC & Tag.
6. Circulate packer fluid.
7. Perform MIT and submit to NMOCD.
8. RDMO WOR.
9. TA well.

**Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart**

Spud Date:

Rig Release Date:

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

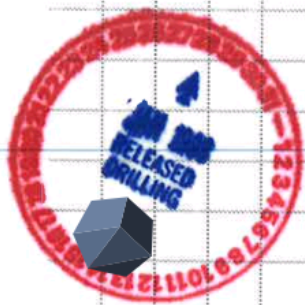
SIGNATURE Nathan Sandel TITLE Production Engineer DATE 07/17/2023Type or print name Nathan Sandel E-mail address: nsandel@empirepetrocorp.com PHONE: 918-404-4202**For State Use Only**APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/18/23

Conditions of Approval:

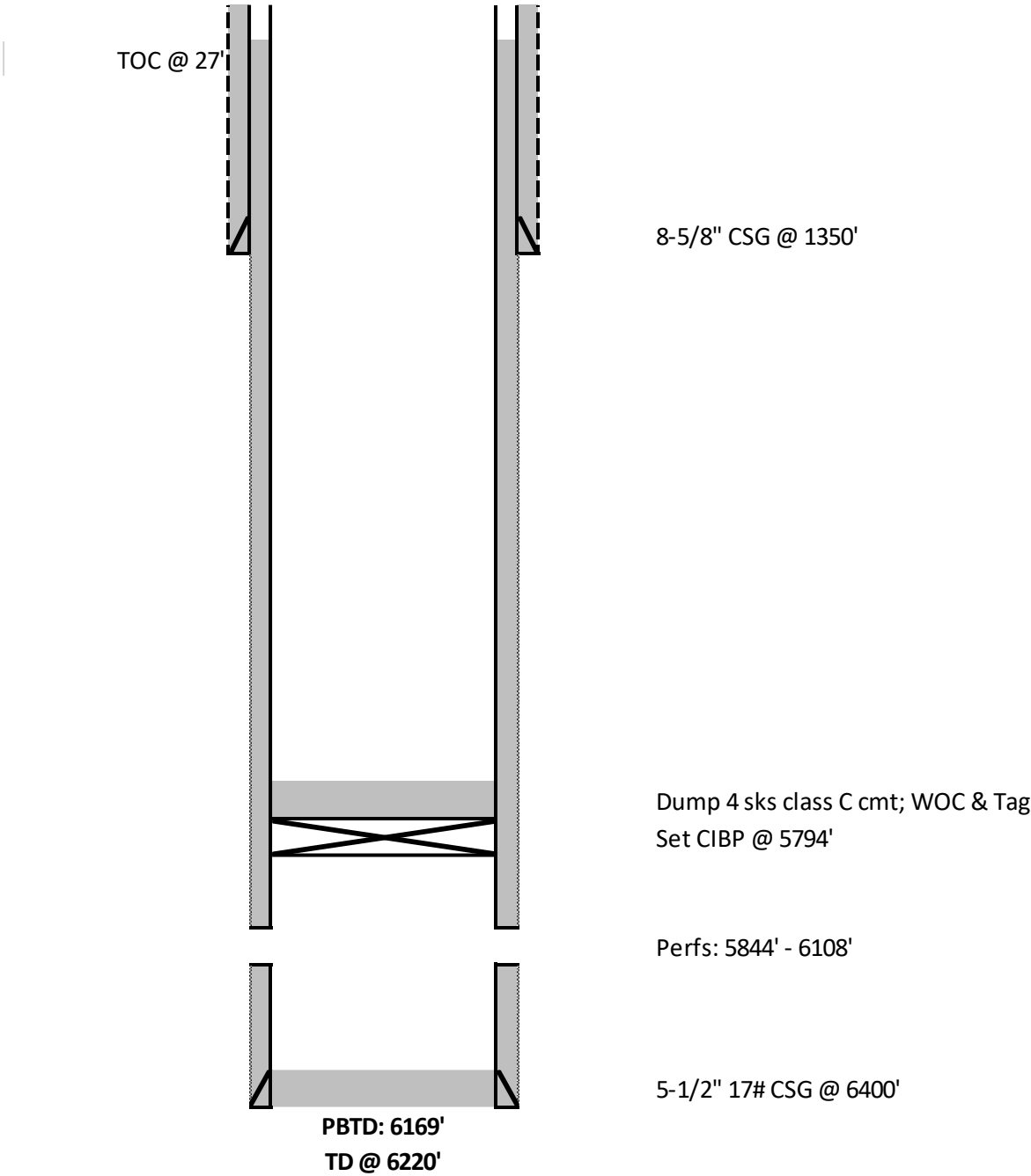
Current WBD

WELL NAME: J. D. Knox #14
 FIELD: Eunice
 COUNTY: Lea STATE: New Mexico
 API NO.: 30-025-33778 SPUD DATE: 1/1/98 DIVISION: HPO
 AFE NO.: 67114 FRR DATE: 1/19/98 WELL CATEGORY: II WELL CONTRACT: FOOTAGE
 RIG: Jones #6 TD: 6220' PBTD: 6169' REFERENCE ELEV.: 15' above G.L. RKB

MUD WT / HOLE PROBLEMS / DSTS / CORES / CASING SEATS	DEVIATION	HOLE SIZE	CASING SIZES AND SETTING DEPTHS / PROD CASING COST PER FT / CEMENT PROGRAM
0' - 1360' Mud: 8.4 - 9.2 ppg FW	Depth (ft) / Angle (deg) 128 / 0.50	12 1/4"	16" Conductor: 0-50' H-40 / 65# / STC
1360' - 3800' Mud: 9.8-10.0 ppg Brine	351 / 0.50 562 / 0.25 758 / 0.75 1012 / 0.75 1259 / 0.75		8 5/8" Surface Casing: K-55 / 32# / STC 40' - 1350 J-55 / 24# / STC
Lost returns at 4600' Pump LCM, 95% returns	1360 / 0.50 1895 / 0.50 1957 / 0.75		Surface Casing Cement: Lead - 510 sacks HES PB Critical Zone (Class "C" + additives) 12.8 ppg Tail - 230 sacks HES PB Critical Zone 13.5 ppg. Top of Tail ~ 1250' Circulated 183 sacks to surface.
3800' - 6220' Mud: 9.1 - 9.6 ppg Cut Brine Water. Improved mud qualities near TD to prevent stuck pipe.	2082 / 1.00 2176 / 0.75 2391 / 1.25 2516 / 1.50 2610 / 1.50 2700 / 1.50 2981 / 1.00 3290 / 1.00	7 7/8"	5.5" Production Casing: 0-30' L-80 / 17# / 30' - 6400' K-55 / 15.5# /
Stuck Pipe: 990' stuck at bit	3506 / 1.00		Production Casing Cement: Pre-Flush - 20 bbls fresh water, 24 bbls Super Flush 102, 20 bbls fresh water, 100 sacks class "C" with 10% gel + 10 lb/sk gilsonite Lead - 1045 sacks HES Light (65:35 C/POZ; 6% Gel) plus 0.3% HALAD-9 (FLA) @ 12.5 ppg Tail - 200 sacks Class "C" Neat @ 14.8 ppg
3785' - spot oil, came free in 6 hours	3785 / 1.00 4744 / 1.25		
5330' - spot oil, came free in 6 hours	5174 / 1.00 5330 / 1.25 5824 / 1.25 6220 / 1.55		
	Maximum Displacement at 6220' is 108'.		Full returns, no cement to surface. TOC @ 27' from surface (temp survey). Good cement @ 3000'.



Proposed WBD



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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 240774

CONDITIONS

Operator: Empire New Mexico LLC 2200 S. Utica Place Tulsa, OK 74114	OGRID: 330679
	Action Number: 240774
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run TA MIT/BHT test	7/18/2023