

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

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-025-04650
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Eunice Monument South Unit
8. Well Number 385
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 ☐	
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 <u>E</u> : <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>West</u> line Section <u>15</u> Township <u>21S</u> Range <u>36E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3562' GL	

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

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

- MIRU WOR.
- POOH with electrical line and failed ESP.
- Scan tubing OOH, replacing failed joints as needed.
- Redress ESP.
- RIH and test tubing, ESP, and electrical line.
- RDMO WOR.
- RTP.

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 10/31/2023

Type 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 11/3/23

Conditions of Approval (if any):

Current and Proposed WBD

LOC:	1980' F N L & 660' F W L	SEC:	15	GL:	3562'	STATUS:	Producer
TOWNSHIP:	21S	CNTY:	Lea	KB:	3582'	API NO:	30-025-04650
RANGE:	36E	UNIT:	E	ST:	N.M.	CHEVNO:	FA 5791:01

Date Completed:	4/21/1936
Initial Production:	1/1520 BOPD
Initial Formation:	Grayburg
FROM:	3776' to 3869' GOR 822

Completion Data	
Natural OH well completion.	

Subsequent Workover or Reconditioning:	
9/51 Trtd w/1000 GAL 15% NeA & 500 GAL MA. REACDZ W/ 2500 gal 15% NeA. Tst: 114 BO/ 16 BW/ GOR=1675. B/4 - 10 BO/ 2 BW/ PD. 11/52 Install ppg eq. Tst: 60 BO/28 BW/ PD/ GOR = 1990. B/4 - 13 BO/ 5 BW/ PD. SQZD lk w/500 SX. TSITC @ 1475'. D/O to 2155'. Tst csg OK. Drid cmt 3645-58'. Drid/push CIBP f/3658-3860', left BP @ 3860'. Tst: 62 BO/ 10 BW/ GOR = 1065. 11/60 C/O to TD, tst: 19 BO/ 3 BW. 8/66 Replace tbg. 2/71 Dump acid 750 gal 15% NeA. Tst: 28 BO/ 30 BW/ GOR = 1607. B/4 - 11 BO/ 14 BW. 6/81 Tag bottom. 10' fill. ACZD w/ 3000 gal 15% NeA @ 5 - 7.7 BPM w/ 200# GRS block. Tst - 26 BO/ 7 BW/ 7 MCFPD. B/4 - 6 BO/ 8 BW/ PD. 7/82 Dump acid 1000 gal 15% NeA. Tst 4 BO/ 6 BW. B/4 - 3 BO/ 6 BW. 6/87 XO V.H. CO fill 3854-69'. Drid uo BP on btm. Deepened to 3962' w/air. Log put on prod. Tst: 2 BO/ 64 BW/ 70 MCFPD. FL @ 285' ASN. B/4 - 5 BO/ 23 BW/ 11 MCF. 4/89 Scale squeezed. 11/90 Full scale sqzd & directed. Note that normal scale squeeze is not effective. Set pkr @ 3650'. Ppd 4 stg chem sqz w/ 750# RS as diverter. Got good block action. Used T133 & TS923 scale chemical. 5/91 Upsize ppg. equip. Conv. 228 unit. Tst: 10 BO/ 224 BW/ FL = 943' ASN. 4/92 Install larger ppg. equip. (456). Tst: 50 BO/ 579 BW/ FL = 756' ASN. 10/92 Install larger ppg. equip. Tst: 68 BO/ 922 BW. FL = 274' ASN. 11/93 Tag btm - 2' fill. ACZD OH w/ 5000 gal HCl w/ 1st 5000 gal using anti-sludge additive & last 2000 gal NeFeA in 5 stg. w/ 2500# GRS as block. Tag salt bridge @ 3836'. Pmp FVW. RTP. Tst: 182 BO/ 743 BW/ 2 MCF. FL = 785' ASN. 12/93 Install ESP. Tst 186 BO/ 1051 BW/ 7 MCF. FL = 62' above pump intake. 7/94 GH, tag fill / bridge @ 3829'. Left sub pump tubed w/btm @ 3829' (?) 8/1/94 Tag @ 3834'. Hit 3' solid bridge. Sidewall buildup worse 3860-3910'. CO to 3962'. Replace sub pump. Tst: B - 102 BO/ 929 BW/ 9 MF. A - 93 BO/ 729 BW/ 14 MCF. FL @ 0' ASN. 9/95 Tag @ 3852'. Drill bridge 3852-3885'. Fell thru to 3962'. Pickle tbg., ACZD OH w/ 5000 gal Pentol 200 (20% xylene, 80% 0.15 HCl) & 5000# 1000 mesh salt in 5 stgs. RTP. Tst: 135 BO/ 1532 BW/ 25 MCF. FL = 500' above pump. B/4 = 108 BO/ 991 BW/ 19 MCF. 8/96 Tag @ 3872'. D/O to 3893' & CO to 3962'. Pickle tbg w/ 3000 gals. ACZD w/ 5000 gals - swb. Chemical treat. RTP. 11/2/98 RU Weatherford foam unit, CO to 3953'. TH w/ Baker infl. pkr, set @ 3910'. SQZD OH fr 3910' to TD w/ 150 SX Cl C + additives. 26 SX in form. Drill cmt fr 3479' to 3900'. Spot acid, swb & run sub pump. TOTP. 2/22/99 Release pkr and lower tbg 1 ft. (TP @ 3894'). Pump 300 gals 15% NeFe & flush w/ 10 BW. RH w/ 3-1/8 HSCG loaded w/ 3 SPF @ 120 deg phasing. Perf 3889-95, 3873-81, 3864-72, 3842-54, 3828-38, 3806-16, 3790-3800 & 3770-82. Reset RBP @ 2974'. Isolate csg leak - btm leak @ 2479'. (See NOTE at left) Swb csg & tbg down to SN @ 2593'. ACZD OH w/ 3000 gals 15% NeFe HCl foamed to 50Q w/ CO2. Run sub pump on 119 fts. 2-7/8" tbg. EOP @ 3780'. 08/05 Repair ESP & cable. RWTP. 10/05 Dug out around V.H. R.V. welder cut off bad csg. Welded on slip over collar to bell nipple. Screwed on new 7" piece of 5-1/2" csg & V.H. RWTP.	

Additional Data:	
T/A Queen Formation @ 3407'	
T/A Penrose Formation @ 3535'	
T/A Grayburg Zone 1 @ 3716'	
T/A Grayburg Zone 2 @ 3758'	
T/A Grayburg Zone 2A @ 3791'	
T/A Grayburg Zone 3 @ 3820'	
T/A Grayburg Zone 4 @ 3859'	
T/A Grayburg Zone 5 @ 3912'	
T/A Grayburg Zone 6 @ 3956'	
T/A San Andres Formation @ 3947'	
T/A Grayburg Zone 3 @ 3820'	
T/A Grayburg Zone 4 @ 3859'	
T/A Grayburg Zone 5 @ 3912'	
T/A Grayburg Zone 6 @ 3956'	
T/A San Andres Formation @ 3957'	
KB @ 3562'	

10-3/4" OD	32#	CSG	Set @	312' W/	250	SX	Cmt circ.?	yes	TOC @	surf. by	calc.
7-5/8" OD	26#	CSG	Set @	1469' W/	300	SX	Cmt circ.?	no	TOC @	178' by	calc.
5-1/2" OD	17#	CSG	Set @	3776' W/	300	SX	Cmt circ.?	no	TOC @	2040' by	est.
5-1/2" OD	17#	CSG	Set @	3776' W/	300	SX	Cmt circ.?	no	TOC @	2040' by	est.

Tubing Detail: 3/1/99	
KBTH:	0.00'
117 Jts. 2-7/8" 6.5# J-55 8rd EUE tbg:	
2-7/8 Subw/ X/O:	
1-170 STG TD 1200 pump w/ 75 HP Motor	
Landed @	3724
NOTE: Perf & ACZD OH. Bad csg fr 2105-2479'. Suspected casing leak fr 2105-2479' but unable to pump into it. Circulated redib out.	

Csg leak @ 2035'.	
Perf @ 2040' & SQZD w/ 500 SX.	
TSITC @ 1475'.	

Submersible pump @ 3870'	
4-3/4" OH	

FILE:	EMSU385WB.XLS
PBD:	3962'
TD:	3962'

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CONDITIONS

Action 281236

CONDITIONS

Operator: Empire New Mexico LLC 2200 S. Utica Place Tulsa, OK 74114	OGRID: 330679
	Action Number: 281236
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	11/3/2023