

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

**NM OIL CONSERVATION**  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
AUG 28 2017

RECEIVED

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.)		WELL API NO. 30-015-28498
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Percussion Petroleum Operating, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 919 Milam Street, Suite 2475 Houston, TX 77002		7. Lease Name or Unit Agreement Name South Boyd 27
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>27</u> Township <u>19S</u> Range <u>25E</u> NMPM County <u>Eddy</u>		8. Well Number #3
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,465' GR		9. OGRID Number 371755
		10. Pool name or Wildcat North Seven Rivers; Glorieta/Yeso

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.

4/26/17: Set CIBP at 3500' and cap with 40' of cement. PBTD: 3460'

5/2/17: Pressure test casing to 3500# and hold pressure for 15 minutes with no leak off.

5/3/17: Perforate 5spf, 90 degree phasing at 2713', 2750', 2779', 2800', 2818', 2837', 2900', 2936', 3009'

5/4/17: Acidize with 4000 gal 15% HCL NeFe acid

5/10/17: Frac stage 1 with 292,910lbs proppant (23,400lbs 100 mesh, 152,744lbs 40/70, 70,451lbs 30/50, 46,315lbs 30/50 RCS) and 20,824bbls of slickwater. Set plug at 2695' and test to 3000psi. Perforate 4spf, 90 degree phasing at 2414', 2427', 2455', 2471', 2494', 2518', 2544', 2601', 2643', 2676'. Frac stage 2 with 327,910lbs proppant (24,140lbs 100 mesh, 180,076lbs 40/70, 71,349lbs 30/50, 52,345lbs 30/50 RCS) and 21,902bbls of slickwater.

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ARTESIA DISTRICT  
AUG 28 2017

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Spud Date:

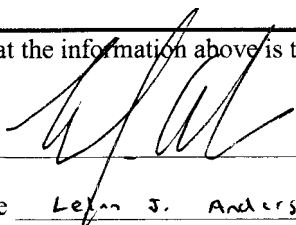
5/10/17

Rig Release Date:

5/10/17

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

SIGNATURE



TITLE VP of Operations

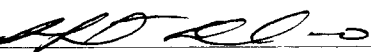
DATE 6/7/17

Type or print name Lelan J. Anders

E-mail address: Lelan@percussion-petroleum.com PHONE: (281) 908-1752

For State Use Only

APPROVED BY:



TITLE Staff Mgr

DATE 8-29-17

Conditions of Approval (if any):

API #	30-015-28498	South Boyd 27 #3	County, ST	Eddy County, NM
Operator	Percussion Petroleum		Sec-Twn-Rng	27-19S-25E
Field	Dagger Draw; Upper Penn, North		Footage	1980' FNL and 660' FWL
Spud Date	5/13/1995		Survey	

Formation (MD)	
Glorieta	2358'
3rd Bone Spring	5718'
Wolfcamp	5968'
Top Cisco/Canyon	7663'
Base Cisco/Canyon	8008'

RKB	3478'
GL	3465'

Hole Size	14-3/4"
TOC	surf
Method	circ returns

Csg Depth	1102'
Size	9-5/8"
Weight	40ppf
Grade	K55
Connections	LTC
Cement	850sx

#### Well History

5/30/1995 Run DST #1 in Cisco/Canyon (7643'-7768').  
5/31/1995 Run DST #2 in Cisco/Canyon (7766'-7820').  
6/2/1995 Logs (DLT/LDT/CNL/GR/CAL).  
6/7/1995 Acid wash tbg w/ 7bbbls 20% HCL.  
6/8/1995 Ran CBL/VDL/CCL/GR (6000'-7946').  
Perf Cisco/Canyon from 7764'-7786'.  
6/9/1995 Perform PPI on perfs 7764'-7786' w/ 36bbbls  
20% Ferchek acid at 4' intervals. ATP 2300psi at  
2bpm.  
6/10/1995 Perf Cisco/Canyon from 7647'-7684', 7704'-7744'.  
6/12/1995 Acidize Cisco/Canyon 7647'-7744' w/ 357bbbls  
20% gelled Ferchek acid w/ 462 1.35G ball sealers,  
spearheaded w/ 12bbbls xylene. Initial rate 1.7bpm  
at 3750psi.  
6/15/1995 RIH w/ ESP.  
12/17/1999 PUH ESP. Pump sticking due to scale. Acidize tbg.  
Rod pump installed.  
1/3/2000 Pump iron sulfide treatment.  
6/4/2002 Final Nearburg report.  
5/3/2017 Perf Glorieta/Yeso from 2713' - 3009'.  
5/10/2017 Frac Glorieta/Yeso with 2 stages  
Stage 1 (Frac Glorieta/Yeso from 2713'-3009')  
Total prop: 293k# sand (23k# 100 mesh, 153k# 40/70,  
71k# 30/50, 46k# 30/50 RCS  
Total fluid: 20824bbl slickwater  
Rate: avg=90bpm, min=88bpm, max=94bpm  
STP: avg=1900#, min=1750#, max=2160#  
ISIP: 1165#, 1093# (15min)  
Perf Glorieta/Yeso from 2414'-2676'.  
Stage 2 (Frac Glorieta/Yeso from 2414'-2676')  
Total prop: 328k# sand (24k# 100 mesh, 180k# 40/70,  
72k# 30/50, 52k# 30/50 RCS)  
Total fluid: 21902bbl slickwater  
Rate: avg=91bpm, min=90bpm, max=92bpm  
STP: avg=2150#, min=2000#, max=3500#  
ISIP: 1356#, 1170# (15min)

#### Perforations

2414'-2676' (Glorieta/Yeso): 5/10/2017 w/ 3-3/8" 4spf at 2414', 2427',  
2455', 2471', 2494', 2518', 2544', 2601', 2643', 2676'  
(90deg)  
2713'-3000' (Glorieta/Yeso): 5/3/2017 w/ 3-3/8" gun 5spf at 2713',  
2750', 2779', 2800', 2818', 2837', 2900', 2936', 3009'  
(90deg)

CIBP at 3500' (Set 4/26/2017) with 40' cement on top.

Hole Size	8-3/4"
TOC	800'
Method	CBL

Csg Depth	8100'
Size	7"
Weight	23/26ppf
Grade	K55/N80/S95
Connections	LTC/BTC
Cement	1040sx

Stage 1: 280sx  
Stage 2: 760sx

PBTD	3460
TD MD	8100'
TD TVD	8100'

Last Update	6/26/2017
By	MM

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**ARTESIA DISTRICT**

**SEP 19 2017**

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