

District I
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District IV
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State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

Oil Conservation Division
1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBES OCD ☐ AMENDED REPORT

FEB 21 2019

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Grand Banks Energy Company 10 Delta Drive, Suite 300 E, Midland, TX 79705		OGRID Number 155471
		API Number 30-025-00384
Property Code 14372	Property Name Anderson Ranch Unit	Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	11	16S	32E		660	N	1980	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name WC-025 G-01 S163211L; San Andres	Pool Code 98178
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Additional Well Information

11. Work Type A	12. Well Type O	13. Cable/Rotary	14. Lease Type S	15. Ground Level Elevation 4306
16. Multiple No	17. Proposed Depth 5000'	18. Formation San Andres	19. Contractor	20. Spud Date 2-28-19
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface		13.375	48	556	500	0
Int.		9.625	40	4214	4400	0
Prod		5.5	17	13700	1675	8315

Casing/Cement Program: Additional Comments

We will not be altering the existing casing. Previous plugs were set @: 12000', 11450', 11266, 9685, 9400, 8500', 7375' and 5000'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☐ , if applicable. Signature: Denise Jones Printed name: Denise Jones Title: Regulatory Analyst E-mail Address: djones@cambrianmgmt.com Date: 2-19-19 Phone: 432-620-9181		OIL CONSERVATION DIVISION	
		Approved By:	
		Title:	Petroleum Engineer
		Approved Date:	02/22/19
		Expiration Date:	02/22/21
		Conditions of Approval Attached	

Anderson Ranch #2 plan to reactivate and recomplete to the San Andres and return to Production.

- 1) Notify Leaco Electric of reestablishing electric power to the ARU #2.**
- 2) Move pumping unit a base to location and assemble**
- 3) Run Gauge ring and Junk Basket to PBTD of 4950'**
- 4) Rig up wireline run CNL GR CCL 4950-4200'**
- 5) Pick perms and perforate per instructions**
- 6) Acidize formation 4600-4800**
- 7) Put well on pump**
- 8) Test San Andres and evaluate for frac**

Wellbore Schematic
Anderson Ranch Unit #2
 AP# 30-025-00384

Current Configuration
January 2006

13-3/8" at 556'
 circ 500 sx

9-5/8" at 4214'
 circ 4400 sx

2004: Pressure tested good above 9300' to 500 psi during workover

2004: CIBP at 9685' + 50' cmt

2004: Sqzd perfs in preparation for deeper test

2004: CIBP at 11266' + 50' cmt

2004: CIBP at 11450' + 10' cmt

2004: CIBP at 12000' + 50' cmt

2004: DO CIBP and pushed to 12000' +

Feb 1987
 Mod O Packer
 Overpushed to 13417'

5-1/2" at 13700'
 cmt w/ 1675 sx
 TOC meas 8315'

CIBP @ 5000' w/ 50' cmt on top
 1982
 5000-5400' multiple remedial
 cementing jobs w/ 300+ sx
 many signs of communication on
 backside
 plug @ 7375' w/ 25 sx cmt

1982
 remedial cemented w/ 300 sx thru
 EZSV at 5816'
 DO cement 5882-7478'
 Slight leaking after DO
 cm. p's
 @ 9600' w/ 25 sx cmt

CIBP @ 9400' w/ 20' cmt on top

2004: Perf 9500-10, 8519-22, 8528-32'

Wellcamp Perfs in 1969:

9785'
 9795'
 9822'
 9835'
 9851'
 9859'

Acidz w/ 4000 gal

Wellcamp Perfs in 1990:

9735-46'
 9758-64'
 9782-96'
 9817-25'
 9833-38'
 9850-53'
 9856-60'

Acidz w/ 5000 gal

2004: Perf 11317-396'

2004: Perf 11462-72

Devonian Perfs in 1953:

13382-405'
 13411-434'
 13446-493'

PBTD
 13665'