

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. 30-025-30257
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 01900
7. Lease Name or Unit Agreement Name Anderson Ranch Unit
8. Well Number 22
9. OGRID Number 155471
10. Pool name or Wildcat

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Grand Banks Energy Company	
3. Address of Operator 10 Desta Drive, Suite 300-E Midland, Texas 79705	
4. Well Location Unit Letter <u>M</u> : <u>660</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>W</u> line Section <u>2</u> Township <u>16S</u> Range <u>32E</u> NMPM County <u>Lea</u>	
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

ARU 22 added pay in the Wolfcamp 8941-8967 and was acidized w/3200 g HCL	
The well swab tested 25 BWPD and .25 BOPD and will be plugged and abandoned	
13 .375 surface pipe 500' circ to surf 315 sx	
8 5/8 intermediate 4200' circ to surf w/ 1800 sx	
5 1/2 17# long string @ 10,000 Circ surf 1875 sx DV 8494' per CBL 4/20/2022	
1 CIBP and 25 SX cement @ 8900'	Circ MLF Pressure test CSG
2 Spot 25 sx @ 6500'	
3 perf 4250' sqz 50 sx and tag	
4 spot 25 sx 1100'	WOC & TAG
5 perf 550' Sqz 50 sx	
6 Spot 10 sx from 100' surf	
25 sx 250'	

Note changes to procedure

Spud Date:

4" dia 4' tall above ground marker

Rig Release Date:

See attached conditions of approval

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

SIGNATURE _____ TITLE Regulatory Analyst DATE 05/01/2022

Type or print name Socorro Hendry E-mail address: shendry@cambridgemanagement.com PHONE: 432-620-9181

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance officer A DATE 6/8/22

Conditions of Approval (if any):

575-263-6633

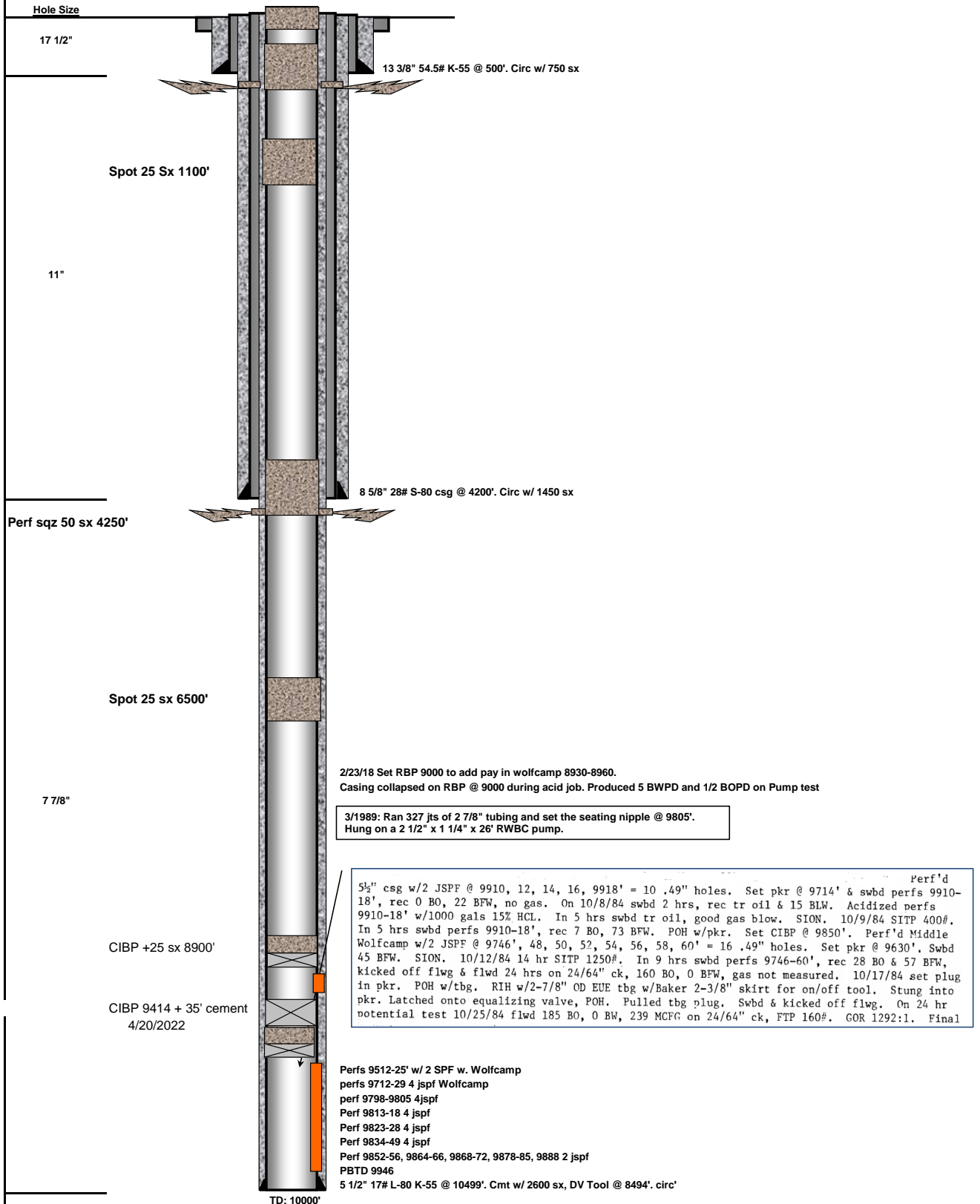
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- 1 CIBP and 25 SX cement @ 8900'
- 2 Spot 25 sx @ 6500'
- 3 perf 4250' sqz 50 sx and tag
- 4 spot 25 sx 1100'
- 5 perf 550' Sqz 50 sx
- 6 Spot ~~10~~ sx from ~~100~~' surf
25 sx 250'

Grand Banks Energy

Wellbore Diagram Proposed P & A

WELL NAME:	Anderson Ranch Unit #22			FIELD:			STATE:	New Mexico				
LOCATION:	Sec 2, T16S, R32E, 660 FNL, 660 FEL			COUNTY:	Lea		Spud	TD	Completion			
ELEVATION:	4320			Updated	05/02/22	DATE	8/20/1984	9/23/1984	3/10/1989			
API#	30-025-30257						TVD	10050'	PBTD	Permit Depth		
Drill Contractor				PREPARED BY:	C. Gaddy		Total Depth	10050'				
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC	Method	DV Depth	
Surf CASING:	500	17 1/2	13 3/8	54.5	K-55		Class H	750 sx	Surf			
Int CASING:	4200	11	8 5/8	28	S-80		Class H	1800 sx	Surf			
Prod CASING:	10050	7 7/8	5 1/2	17 (4070'), 15.5 (5998')	L-80 & K-55		Class H	1700 sx	820'	Temp Survey		
Liner:												
OH												
Tubing:												



Grand Banks Energy Wellbore Diagram

WELL NAME:	Anderson Ranch Unit State 10 #1			FIELD:			STATE:	New Mexico				
LOCATION:	Sec 2, T16S, R32E, 660 FNL, 660 FEL			COUNTY:	Lea		Spud	TD	Completion			
ELEVATION:	4317'			Updated	10/24/17	DATE	8/20/1984	9/23/1984	3/10/1989			
API#	30-025-30257						TVD	10050'	PBTD	Permit Depth		
Drill Contractor				PREPARED BY:	C. Gaddy		Total Depth	10050'				
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC	Method	DV Depth	
Surf CASING:	500	17 1/2	13 3/8	54.5	K-55		Class H	750 sx	Surf			
Int CASING:	4200	11	8 5/8	28	S-80		Class H	1800 sx	Surf			
Prod CASING:	10050	7 7/8	5 1/2	17 (4070'), 15.5 (5998')	L-80 & K-55		Class H	1700 sx	820'	Temp Survey		
Liner:												
OH												
Tubing:												

Hole Size

17 1/2"

13 3/8" 54.5# K-55 @ 500'. Circ w/ 750 sx

11"

8 5/8" 28# S-80 csg @ 4200'. Circ w/ 1800 sx

7 7/8"

2/23/18 Set RBP 9000 to add pay in wolfcamp 8930-8960.

Casing collapsed on RBP @ 9000 during acid job. Produced 5 BWPD and 1/2 BOPD on Pump test

3/1989: Ran 327 jts of 2 7/8" tubing and set the seating nipple @ 9805'.
Hung on a 2 1/2" x 1 1/4" x 26' RWBC pump.

RBP stuck in Hole 9000'

TD: 10000'

Perf'd
5 1/2" csg w/2 JSPF @ 9910, 12, 14, 16, 9918' = 10 .49" holes. Set pkr @ 9714' & swbd perfs 9910-18', rec 0 BO, 22 BFW, no gas. On 10/8/84 swbd 2 hrs, rec tr oil & 15 BLW. Acidized perfs 9910-18' w/1000 gals 15% HCL. In 5 hrs swbd tr oil, good gas blow. SION. 10/9/84 SITP 400#. In 5 hrs swbd perfs 9910-18', rec 7 BO, 73 BFW. POH w/pkr. Set CIBP @ 9850'. Perf'd Middle Wolfcamp w/2 JSPF @ 9746', 48, 50, 52, 54, 56, 58, 60' = 16 .49" holes. Set pkr @ 9630', Swbd 45 BFW. SION. 10/12/84 14 hr SITP 1250#. In 9 hrs swbd perfs 9746-60', rec 28 BO & 57 BFW, kicked off flwg & flwd 24 hrs on 24/64" ck, 160 BO, 0 BFW, gas not measured. 10/17/84 set plug in pkr. POH w/tbg. RIH w/2-7/8" OD EUE tbg w/Baker 2-3/8" skirt for on/off tool. Stung into pkr. Latched onto equalizing valve, POH. Pulled tbg plug. Swbd & kicked off flwg. On 24 hr potential test 10/25/84 flwd 185 BO, 0 BW, 239 MCFG on 24/64" ck, FTP 160#. GOR 1292:1. Final

Perfs 9505-10' w/ 2 SPF w/10 shots. Acidize w/ 2000 gal 15% NEFE acid (3/1989). Wolfcamp

Perfs 9746', 48', 50', 52, 54', 56', 58', 60' w/ 2 JSPF (10/1984). Wolfcamp

Perfs 9860-65' w/ 6 shots and 9888-92' w/ 5 shots. Acidize w/ 2000 gal 15% NEFE acid (3/1989). Wolfcamp

Perfs 9910', 12', 14', 16', 18' w/ 2 JSPF (0.49" holes). Acidize w/ 1000 gal 15% HCl (10/1984). Wolfcamp

PBTD 9960

5 1/2" 17# L-80 K-55 @ 10499'. Cmt w/ 1875 sx, DV Tool @ 8494'. Circ

**CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District**

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, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
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. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. 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.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. 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
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. 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).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - 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.
21. 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, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQUIREMENTS

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 the 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 by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

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- 6 Spot 10 sx from 100' surf

Grand Banks Energy

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API#	30-025-30257						TVD	10050'	PBTD	Permit Depth		
Drill Contractor				PREPARED BY:	C. Gaddy		Total Depth	10050'				
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC	Method	DV Depth	
Surf CASING:	500	17 1/2	13 3/8	54.5	K-55		Class H	750 sx	Surf			
Int CASING:	4200	11	8 5/8	28	S-80		Class H	1800 sx	Surf			
Prod CASING:	10050	7 7/8	5 1/2	17 (4070'), 15.5 (5998')	L-80 & K-55		Class H	1700 sx	820'	Temp Survey		
Liner:												
OH												
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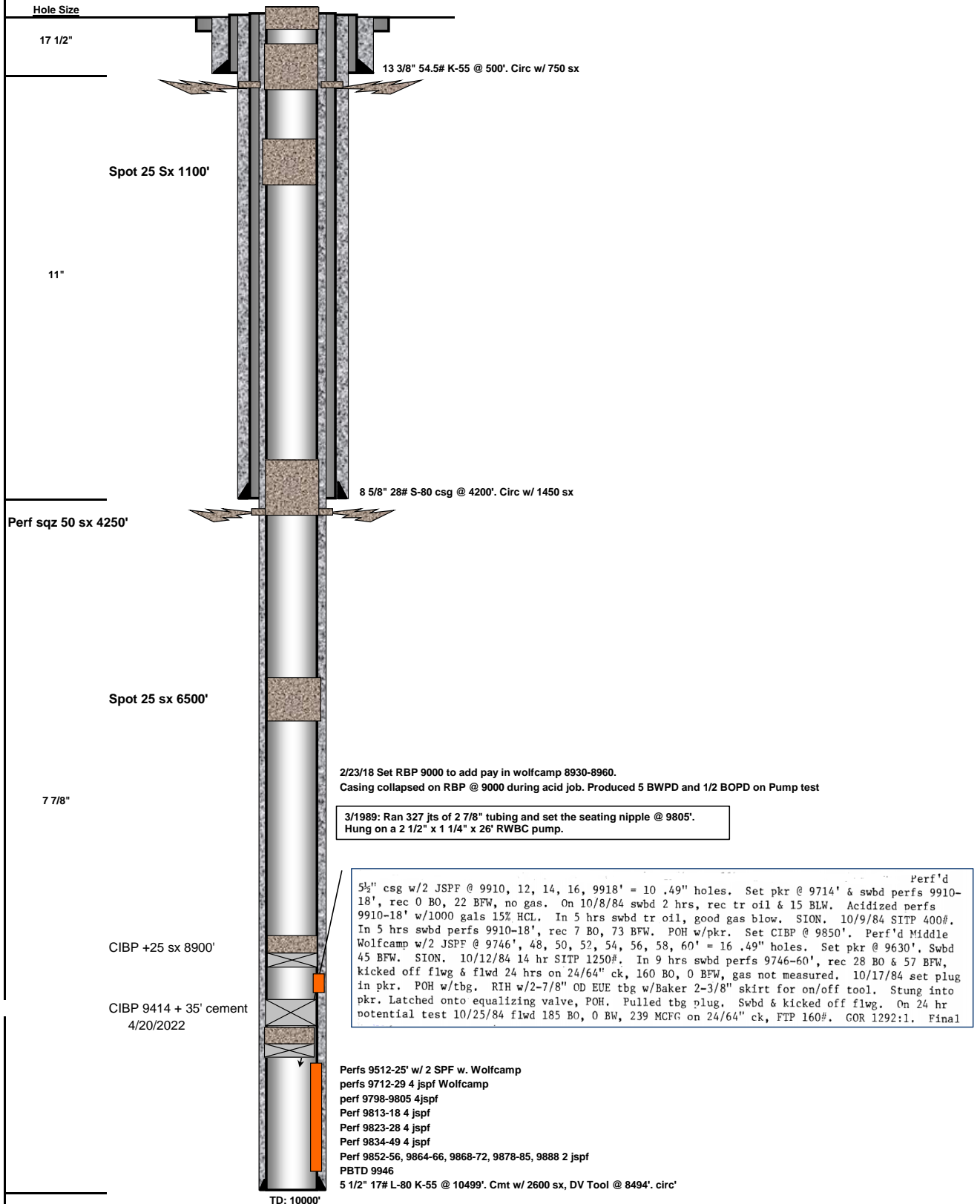
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Grand Banks Energy

Wellbore Diagram Proposed P & A

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LOCATION:	Sec 2, T16S, R32E, 660 FNL, 660 FEL			COUNTY:	Lea		Spud	TD	Completion			
ELEVATION:	4320			Updated	05/02/22	DATE	8/20/1984	9/23/1984	3/10/1989			
API#	30-025-30257						TVD	10050'	PBTD	Permit Depth		
Drill Contractor				PREPARED BY:	C. Gaddy		Total Depth	10050'				
	DEPTH	HOLE SIZE	SIZE	WEIGHT	GRADE	THREAD	CMT	CMT VOL	TOC	Method	DV Depth	
Surf CASING:	500	17 1/2	13 3/8	54.5	K-55		Class H	750 sx	Surf			
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OH												
Tubing:												



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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 103074

COMMENTS

Operator: GRAND BANKS ENERGY CO 10 Desta Drive Midland, TX 79705	OGRID: 155471
	Action Number: 103074
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	6/8/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 103074

CONDITIONS

Operator: GRAND BANKS ENERGY CO 10 Desta Drive Midland, TX 79705	OGRID: 155471
	Action Number: 103074
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA Note changes to procedure	6/8/2022