

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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-00384
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-3633
7. Lease Name or Unit Agreement Name Anderson Ranch Unit
8. Well Number 002
9. OGRID Number 155471
10. Pool name or Wildcat WC-025 G-01 S163211L; San Andres

HOBBS OGD
RECEIVED
JUN 07 2019

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
Grand Banks Energy Company

3. Address of Operator
10 Desta Drive, Suite 300E, Midland, TX 79705

4. Well Location
Unit Letter C : 660 feet from the North line and 1980 feet from the West line
Section 11 Township 16S Range 32E NMPM Les County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4329 GR

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 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 checked="" 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.

We are preparing to fracture with a hybrid frac using 61,000# 20/40 sand. This well was a Wolfcamp producer prior to being plugged back to 5000'. We perforated an interval from 4617-4757 and acidized and evaluated for fracture stimulation. We propose to frac per the following procedure:

- MIRU 2 frac tanks filled with fresh water and biocide
- MIRU WSU
- Pull rods and pump (pump is new so a visual and function test will be sufficient)
- ND WH NU BOP
- Release TAC POOH with tbg
- PU treating pkr for 5 1/2" 17# csg. Hydrotest in hole to 6500 psi to 4400'
- Frac per Cudd recommendation 2JSPF at 4617, 4626, 4636, 4637, 4650, 4665, 4700, 4712, 4720, 4737, 4754, 1757 (24 shots)
- Flow back as necessary
- PU MJ Perf sub SN 6jt TAC and Tbg. TIH to SN depth of 4600'; set TAC
- ND BOP NU Wellhead
- PU 2 1/2x1 1/2x20 BNC BHD pump, MCS, 10 1.5 SB's, 2350' 3/4 KD Rods, 2000' 7/8 KD Rods
- Install polish rod and stuffing box
- RWTP
- RDMO

[Empty box]

[Empty box]

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 Denise Jones TITLE Regulatory Analyst DATE 6-5-19

Type or print name Denise Jones E-mail address: djones@cambridgemanagement.com PHONE: 432-620-9181
For State Use Only

APPROVED BY: Kerry Fath TITLE Compliance Officer A DATE 6-14-19
Conditions of Approval (if any):

Denise Jones

From: Andy Rickard
Sent: Tuesday, June 4, 2019 4:52 PM
To: Denise Jones
Subject: ARU Frac Procedure

- 1) MIRU 2 frac tanks filled with fresh water and biocide
- 2) MIRU WSU
- 3) Pull rods and pump (pump is new so a visual and function test will be sufficient)
- 4) ND WH NU BOP
- 5) Rel TAC POOH with tubing
- 6) PU Treating packer for 5 ½ 17 # casing. Hydrotest in hole to 6500 psi to 4400'
- 7) Frac as per Cudd frac recommendation of May 1, 2019 (proposal ID 20190501083015glee) SDFN intervals 2 JSPF
Select fire:
4617, 4626, 4636, 4637, 4650, 4665, 4700, 4712, 4720, 4737, 4754, 4757
Total 24 shots
- 8) Flow back as necessary.
- 9) PU MJ Perf Sub SN 6Jt TAC and Tubing. TIH to SN depth 4600' set TAC
- 10) ND BOP NU wellhead
- 11) PU 2 ½ X 1 ½ X 20 BNC BHD Pump, MCS, 10 1.5 SBs, 2350' ¾ KD Rods, 2000' 7/8 KD rods
- 12) Install polish rod and stuffing box.
- 13) RWTP
- 14) RDMO
- 15)

Andrew E Rickard
Project Manager



415 West Wall St., Suite 900
Midland, TX 79701
Off: 432-620-9181
Cell: 432-553-2828



Anderson Ranch Unit #2

Producer

1/12/2018

Recomplete to San Andres

680' FNL 1980' FWL Sec 11 T 16S R #32E

Lea County, New Mexico

Section 11, T16S R32E, 660 FNL 1980 FWL
API 30-025-00384

WELL DATA

AFE: xxxx-xxxx

TOTAL DEPTH: 13700' PBTD: 5000' KB: ' GL: 4317'

CASING: 13 3/8" 48# H40 casing set @ 556' Cem surf

9 5/8" 40# J-55 @4214' Cem Surf

5 1/2" 17 N80 13700' TOC 3080' CBL

ARU #2 was a Wolfcamp producer prior to being plugged back to 5000'

Grand Banks Energy perforated an interval correlative to San Andres perforations in the ARU #19, the perfs (4617-4757) were acidized, produced and evaluated for fracture stimulation. The well now produces a barrel of oil per day and less than 5 bbls water per day.

The well will now be fractured with a hybrid frac using 61000 lbs 20-40 sand.

Andy Rickard 432-553-2828

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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.

HOBBS OCD AMENDED REPORT

Santa Fe, NM 87505

FEB 21 2019

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

RECEIVED

Operator Name and Address Grand Banks Energy Company 10 Deora Driv, Suite 300 E, Midland, TX 79705		OCRID Number 155471
Property Code 19370	Property Name Anderson Ranch Unit	API Number 30-025-00384
		Well No. 002

Surface Location

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

Proposed Bottom Hole Location

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

Pool Information

Pool Name WL-025 G-01 8163211L; San Andres	Pool Code 98178
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Additional Well Information

Work Type A	Well Type D	Cable/Rotary	Lease Type S	Ground Level Elevation 4306
Multiple No	Proposed Depth 5000'	Formation San Andres	Contractor	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

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, 9695, 9400, 8500', 7895' and 5000'


Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

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@sambrianmgmt.com
Date: 2-19-19 Phone: 432-600-9181

OIL CONSERVATION DIVISION

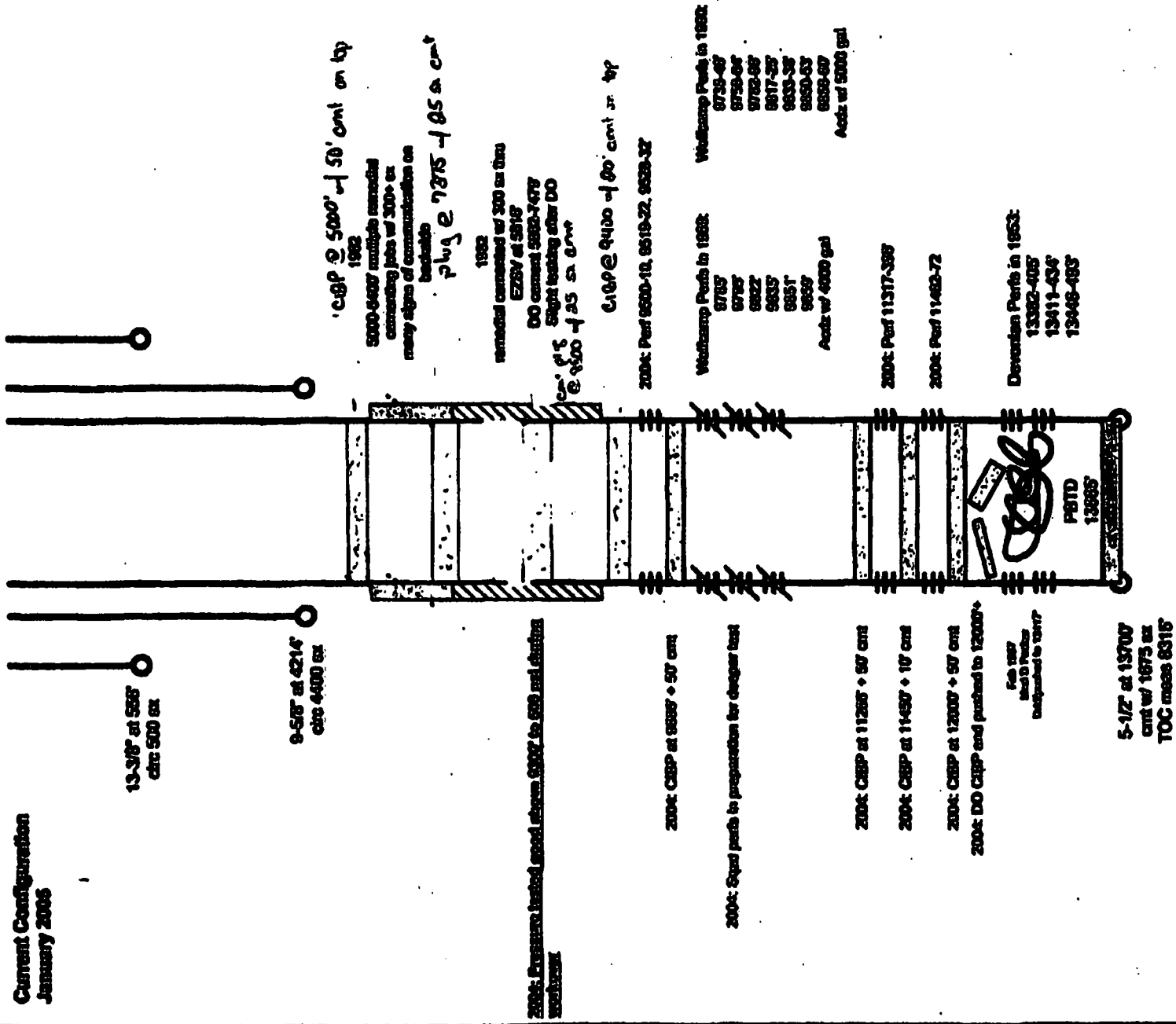
Approved By: 
Title: Petroleum Engineer
Approved Date: 02/22/19 Expiration Date: 02/22/21
Conditions of Approval Attached

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# 30-028-0004**

**Current Configuration
January 2005**



13-3/8" at 565'
cnc 500 ex

9-5/8" at 4214'
cnc 4400 ex

1982
'cwp @ 5000' - 50' cnc on top
5000-6400' multiple cement
casing jobs w/ 300+ ex
many signs of communication on
background
plug @ 7375' - 785' ex cnc

1982
remedial cemented w/ 300 ex thru
E729V at 5318'
DO cement 5522-7478'
Slight tubing after DO
@ 9500' - 25' ex cnc

610P @ 9400' - 80' cnc on top
2004: Perf 5500-10, 5510-22, 5520-32

2004: CWP at 9550' - 50' cnc

2004: Spud path to preparation for deeper test

2004: CWP at 11255' - 50' cnc

2004: CWP at 11450' - 10' cnc

2004: CWP at 12000' - 50' cnc

2004: DO CWP end pushed to 12000'+

Feb 1987
Shut In Perforator
Discontinued by 12/1/77

5-1/2" at 13700'
cnc w/ 1675' ex
TOC mass 8315

Wellbore Perfs in 1982:

- 9783'
- 9785'
- 9822'
- 9835'
- 9851'
- 9859'

Accts w/ 4000 gal

2004: Perf 11317-350'

2004: Perf 11462-72

Deviation Perfs in 1982:

- 13382-405'
- 13411-434'
- 13448-483'

Wellbore Perfs in 1982:

- 9739-48'
- 9759-88'
- 9769-98'
- 9817-29'
- 9833-38'
- 9850-53'
- 9859-59'

Accts w/ 5000 gal

PBTD
13885'



Test Tubing Anchors

Inspect location for any areas requiring additional dirt work

- 1) MIRU WSU
- 2) Perforate intervals 2 JSPF Select fire:
4617, 4626, 4636, 4637, 4650, 4665, 4700, 4712, 4720, 4737, 4754, 4757
Total 24 shots
- 3) Pu PKR and RBP for 5 ½ 17# PU 4800' New 2 7/8 J55 tubing TIH to 4500' Install string float
- 4) Cont in hole to RBP @ 4800' and set.
- 5) Install stripping rubber
- 6) Pull PKR to 4750 and spot 250 gal 15% HCL
- 7) Pull Pkr to 4680 +/- 5' and set.
- 8) Acidize w/3000 gal 15% HCL w/ 2X NeFe. Record ISIP, 5, 10, & 15 min SITP pump Max rate 10 BPM pump 2 balls every 5 bbls starting after 1000 gal to 24 balls
- 9) Rel PKR TIH Rel RBP
- 10) Pull to 4690' set RBP
- 11) Pull Pkr to 4500. Rev 5 bbls and set PKR
- 12) Acidize w/3000 gal 15% HCL w/ 2X NeFe. Record ISIP, 5, 10, & 15 min SITP pump Max rate 10 BPM pump 2 balls every 5 bbls starting after 1000 gal to 24 balls
- 13) Rel PKR TIH Reel PKR POOH LD RBP and PKR
- 14) PU MJ Perf Sub SN 6Jt TAC and Tubing. TIH to SN depth 4600' set TAC
- 15) ND BOP NU well head
- 16) PU 2 ½ X 1 ½ X 20 BNC BHD Pump, MCS, 10 1.5 SBs, 2350' ¾ KD Rods, 2000' 7/8 KD rods
- 17) Install polish rod and stuffing box.
- 18) RDMO

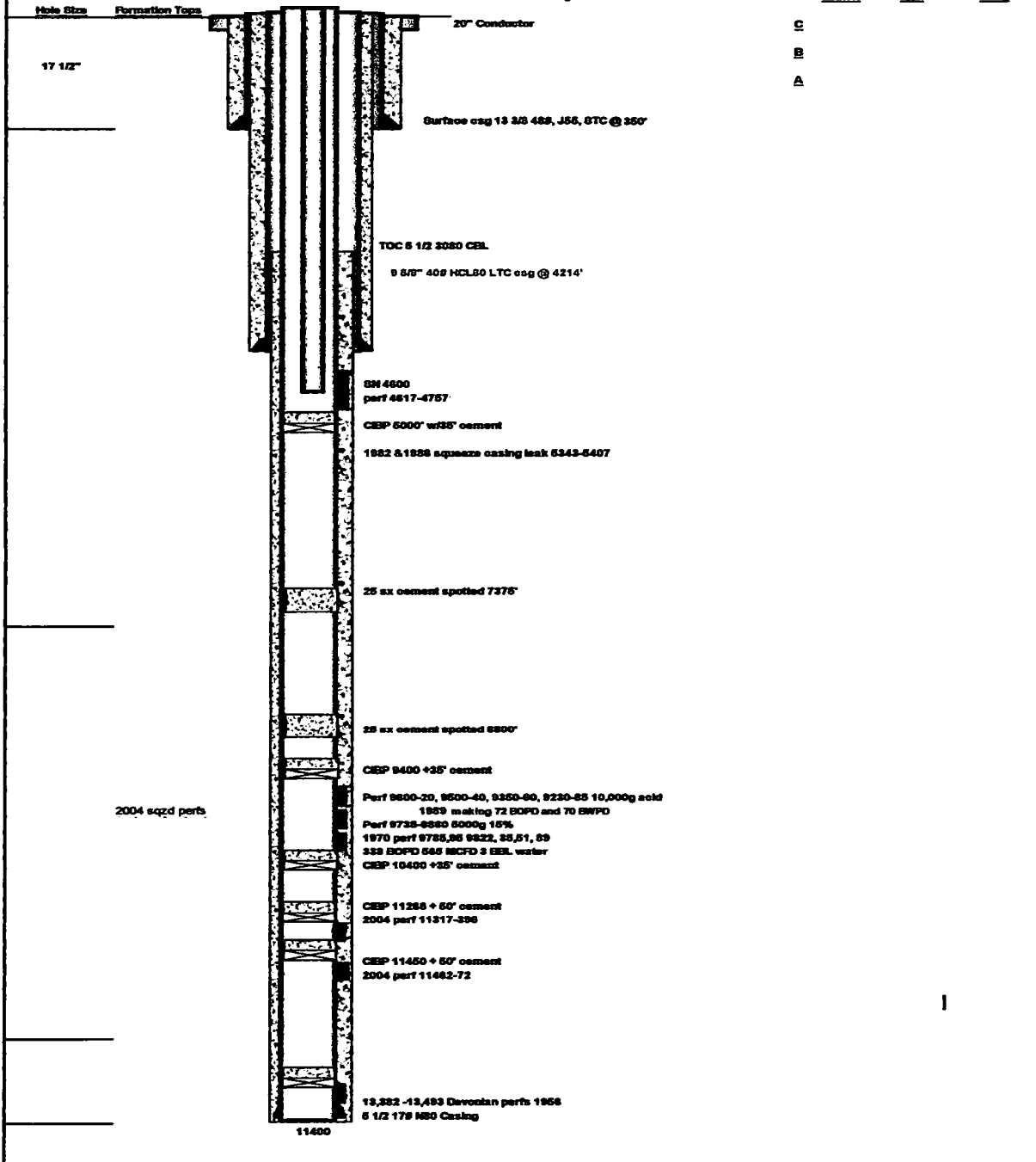


Cambrian Management Wellbore Diagram

WELL NAME:	ARU #2	FIELD:		STATE:	New Mexico					
LOCATION:	680' FNL & 1080' FNL, Section 11 T16S R32E	COUNTY:	Lea	Spud	TD	Completion				
ELEVATION:	GL 3153.6 KB 2548	Updated:	03/11/19	DATE:	12/28/1979					
API#	30-015-23079	PREPARED BY:	C. Gaddy	TVD	13700'	PSTD	5000'	Permit Depth		
Drill Contractor		WEIGHT		Total Depth	13700'	SDO				
	DEPTH	HOLE SIZE	SIZE	GRADE	THREAD	CBT	CBT VOL	TOC	Method	DV Depth
Surf CASING:	350	17 1/2	13 3/8	45#	J55		Class C	Surf	Clro	
	2805	12 1/4	9 5/8	40	J55	LTC	Class C	Surf	Clro	
Liner:	11388	7 7/8	5 1/2	17	M80	LTC	Class C & H	3080 CBL	Temp	
CHC										
Tubing:	4600 SM		2 7/8	6.5		EJE				

Lat. 31.492204 / Long. -102.821904

Vendor Type Rating





	ARU #2	
	Perforations	
Stage 2	Depth	shots
	4617	2
	4626	2
	4636	2
	4637	2
	4650	2
	4665	2
Stage 1		
	4700	2
	4712	2
	4720	2
	4737	2
	4754	2
	4757	2
	total	24

34) RWTP