

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. 30-025-35491
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CAIN
8. Well Number #003
9. OGRID Number 21355
10. Pool name or Wildcat NADINE; DRINKARD-ABO

<p>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.)</p> <p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p> <p>2. Name of Operator SOUTHWEST ROYALTIES, INC.</p> <p>3. Address of Operator P.O. BOX 53570; MIDLAND, TEXAS 79710</p> <p>4. Well Location Unit Letter L : 1980 feet from the SOUTH line and 330 feet from the WEST line Section 14 Township 19S Range 38E NMPM LEA County</p> <p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,604' GR</p>	
---	--

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"/>	OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <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.

NOTICE OF INTENT TO PLUG AND ABANDON – NMOCDD will be notified 24 hrs prior to op.

P&S 50 sx Class C 5900 Top Blinbry

P&S 50 sx Class C 2900 7 rivers & Yates

RIH, Tag top of existing CIBP @ 6830'. PUH, Set CIBP @ 4100' with 35' Class C cmt, WOC 4 hrs & tag, CMT Plug #2 @ 1675' – Perf and Squeeze 60 sxs Class C cmt, WOC 4 hrs & tag, Surface Plug @ 300' – Perf and Circulate Class C cmt to Surface.

No earthen pit, Open/Steel pit will be used, Contents disposed of at approved disposal site, remove wellhead, Install **4" diameter 4' tall above ground hole marker**. Dry hole marker picture will be furnished with the Final C103.

**** Location Remediation to Follow**** **Note changes to procedure** **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 Lindsay Livesay TITLE REGULATORY ANALYST DATE 07/20/2022

Type or print name LINDSAY LIVESAY E-mail address: llivesay@swrpermian.com PHONE: (432) 207-3054

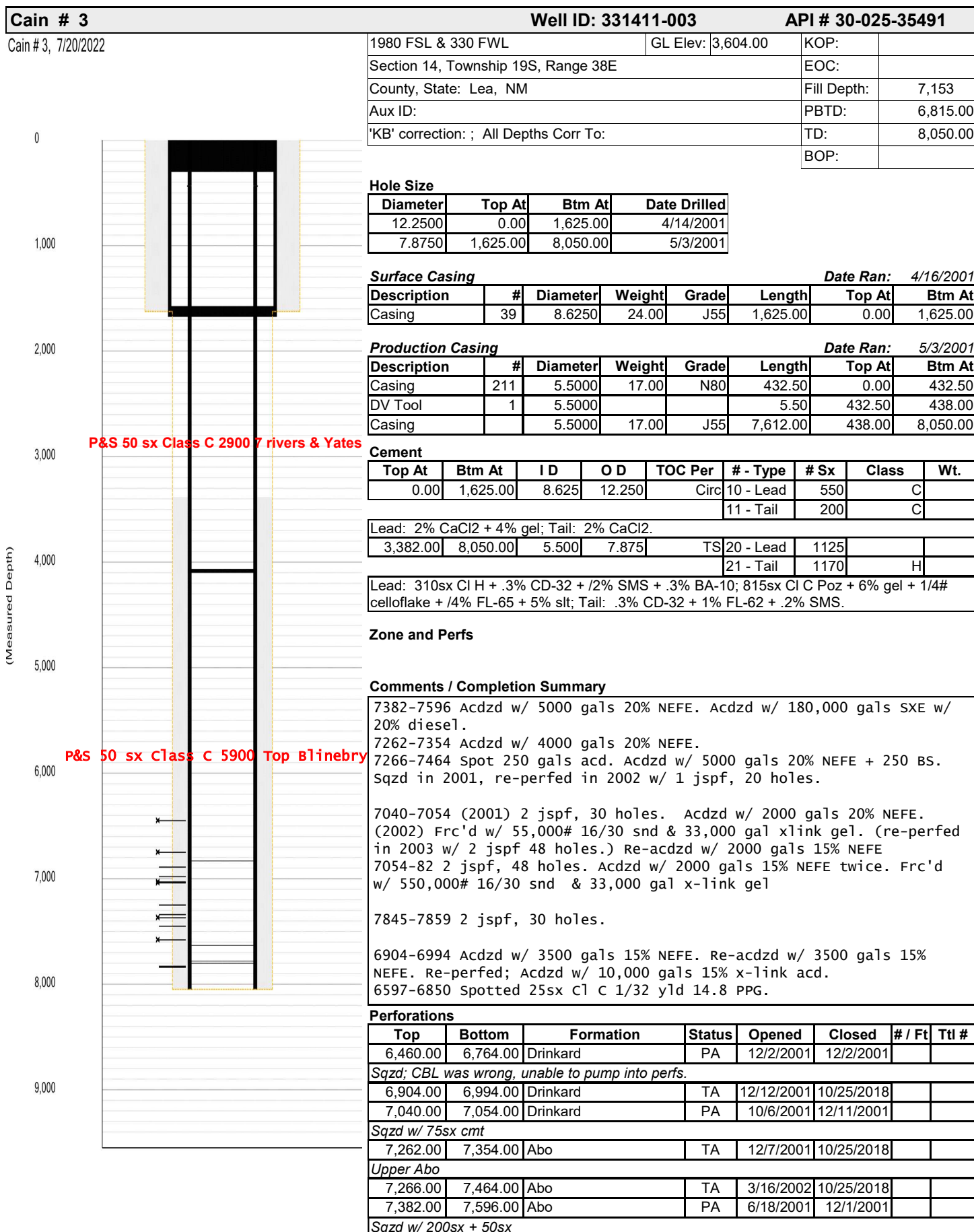
For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/25/22
Conditions of Approval (if any): 200

Wellbore Schematic

Printed: 7/20/2022

Page 1



Wellbore Schematic

Printed: 7/20/2022

Page 2

Cain # 3

Well ID: 331411-003

API # 30-025-35491

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
7,845.00	7,859.00	Strawn	TA	5/11/2001	6/18/2001		

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
0.00	300.00	Cmt	8.625	Yes	7/20/2022
Surf Plug, Circ Class C Cmt to Surf					
1,575.00	1,675.00	Cmt	8.625	Yes	7/20/2022
Perf and Sqz 60 sxs Class C Cmt					
4,065.00	4,100.00	CIBP	5.500	Yes	7/20/2022
Set CIBP @ 4100' w/ 35' Class C Cmt					
6,830.00	6,833.00	CIBP	5.500	Yes	10/25/2018
7,630.00	7,633.00	CIBP	5.500	Yes	8/26/2003
Chased CIBP to 7630' after frac job					
7,780.00	7,783.00	CIBP	5.500	Yes	10/6/2001
7,800.00	7,804.00	CIBP	5.500	Yes	6/18/2001

**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

Wellbore Schematic

Printed: 7/20/2022

Page 1

Cain # 3		Well ID: 331411-003				API # 30-025-35491			
Cain # 3, 7/20/2022		1980 FSL & 330 FWL			GL Elev:	3,604.00	KOP:		
		Section 14, Township 19S, Range 38E			EOC:				
		County, State: Lea, NM			Fill Depth:		7,153		
		Aux ID:			PBTD:		6,815.00		
		'KB' correction: ; All Depths Corr To:			TD:		8,050.00		
					BOP:				
<div>0</div> <div>1,000</div> <div>2,000</div> <div>3,000</div> <div>4,000</div> <div>5,000</div> <div>6,000</div> <div>7,000</div> <div>8,000</div> <div>9,000</div> <div>(Measured Depth)</div>		Hole Size							
		Diameter	Top At	Btm At	Date Drilled				
		12.2500	0.00	1,625.00	4/14/2001				
		7.8750	1,625.00	8,050.00	5/3/2001				
		Surface Casing							
								Date Ran: 4/16/2001	
		Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
		Casing	39	8.6250	24.00	J55	1,625.00	0.00	1,625.00
		Production Casing							
								Date Ran: 5/3/2001	
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At		
Casing	211	5.5000	17.00	N80	432.50	0.00	432.50		
DV Tool	1	5.5000			5.50	432.50	438.00		
Casing		5.5000	17.00	J55	7,612.00	438.00	8,050.00		
Cement									
Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.	
0.00	1,625.00	8.625	12.250	Circ	10 - Lead	550	C		
					11 - Tail	200	C		
Lead: 2% CaCl2 + 4% gel; Tail: 2% CaCl2.									
3,382.00	8,050.00	5.500	7.875	TS	20 - Lead	1125			
					21 - Tail	1170	H		
Lead: 310sx Cl H + .3% CD-32 + /2% SMS + .3% BA-10; 815sx Cl C Poz + 6% gel + 1/4# celloflake + /4% FL-65 + 5% slt; Tail: .3% CD-32 + 1% FL-62 + .2% SMS.									
Zone and Perfs									
Comments / Completion Summary									
7382-7596 Acdzd w/ 5000 gals 20% NEFE. Acdzd w/ 180,000 gals SXE w/ 20% diesel.									
7262-7354 Acdzd w/ 4000 gals 20% NEFE.									
7266-7464 spot 250 gals acd. Acdzd w/ 5000 gals 20% NEFE + 250 BS. Sqzd in 2001, re-perfed in 2002 w/ 1 jspf, 20 holes.									
7040-7054 (2001) 2 jspf, 30 holes. Acdzd w/ 2000 gals 20% NEFE. (2002) Frc'd w/ 55,000# 16/30 snd & 33,000 gal xlink gel. (re-perfed in 2003 w/ 2 jspf 48 holes.) Re-acdzd w/ 2000 gals 15% NEFE									
7054-82 2 jspf, 48 holes. Acdzd w/ 2000 gals 15% NEFE twice. Frc'd w/ 550,000# 16/30 snd & 33,000 gal x-link gel									
7845-7859 2 jspf, 30 holes.									
6904-6994 Acdzd w/ 3500 gals 15% NEFE. Re-acdzd w/ 3500 gals 15% NEFE. Re-perfed; Acdzd w/ 10,000 gals 15% x-link acd.									
6597-6850 Spotted 25sx Cl C 1/32 yld 14.8 PPG.									
Perforations									
Top	Bottom	Formation		Status	Opened	Closed	# / Ft	Ttl #	
6,460.00	6,764.00	Drinkard		PA	12/2/2001	12/2/2001			
Sqzd; CBL was wrong, unable to pump into perfs.									
6,904.00	6,994.00	Drinkard		TA	12/12/2001	10/25/2018			
7,040.00	7,054.00	Drinkard		PA	10/6/2001	12/11/2001			
Sqzd w/ 75sx cmt									
7,262.00	7,354.00	Abo		TA	12/7/2001	10/25/2018			
Upper Abo									
7,266.00	7,464.00	Abo		TA	3/16/2002	10/25/2018			
7,382.00	7,596.00	Abo		PA	6/18/2001	12/1/2001			
Sqzd w/ 200sx + 50sx									

Wellbore Schematic

Printed: 7/20/2022

Page 2

Cain # 3	Well ID: 331411-003	API # 30-025-35491
-----------------	----------------------------	---------------------------

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
7,845.00	7,859.00	Strawn	TA	5/11/2001	6/18/2001		

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
6,830.00	6,833.00	CIBP	5.500	Yes	10/25/2018
7,630.00	7,633.00	CIBP	5.500	Yes	8/26/2003
<i>Chased CIBP to 7630' after frac job</i>					
7,780.00	7,783.00	CIBP	5.500	Yes	10/6/2001
7,800.00	7,804.00	CIBP	5.500	Yes	6/18/2001

Tubing

Date Ran: 4/29/2002

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	217	2.8750			6,618.50	0.00	6,618.50
Tubing Anchor	1	2.8750			2.70	6,618.50	6,621.20
Tubing	20	2.8750			6.20	6,621.20	6,627.40
Seat Nipple	1	2.8750			1.10	6,627.40	6,628.50
Perf Nipple	1	2.8750			4.10	6,628.50	6,632.60
Mud Anchor	1	2.8750			23.00	6,632.60	6,655.60

Rods

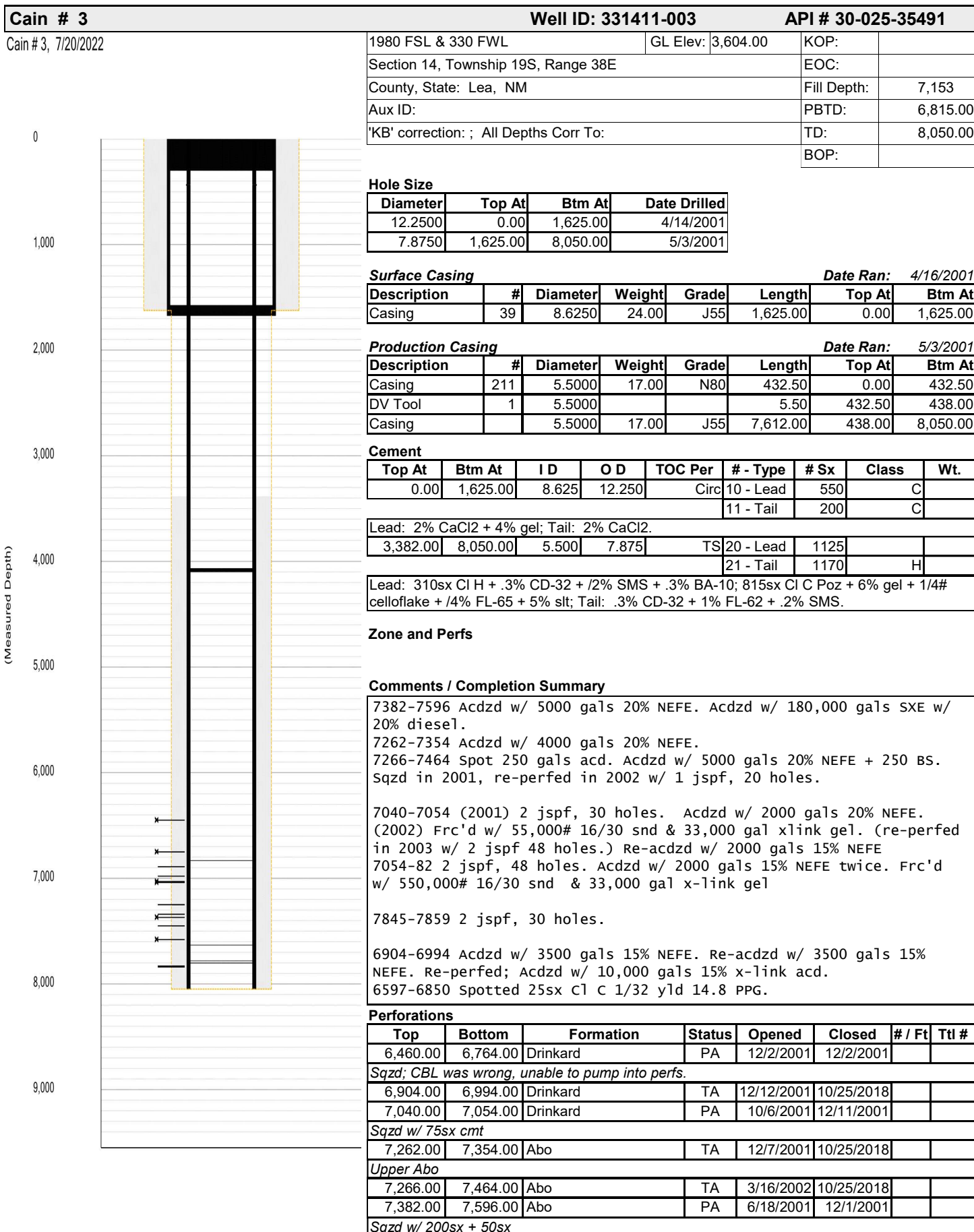
Date Ran: 4/29/2002

Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Pony Rods	1	0.8750			2.00	0.00	2.00
Rods	90	0.8750			2,000.00	2.00	2,002.00
Rods	201	0.7500			4,623.00	2,002.00	6,625.00
Pump	1	1.2500			20.00	6,625.00	6,645.00

Wellbore Schematic

Printed: 7/20/2022

Page 1



Wellbore Schematic

Printed: 7/20/2022

Page 2

Cain # 3

Well ID: 331411-003

API # 30-025-35491

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
7,845.00	7,859.00	Strawn	TA	5/11/2001	6/18/2001		

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
0.00	300.00	Cmt	8.625	Yes	7/20/2022
Surf Plug, Circ Class C Cmt to Surf					
1,575.00	1,675.00	Cmt	8.625	Yes	7/20/2022
Perf and Sqz 60 sxs Class C Cmt					
4,065.00	4,100.00	CIBP	5.500	Yes	7/20/2022
Set CIBP @ 4100' w/ 35' Class C Cmt					
6,830.00	6,833.00	CIBP	5.500	Yes	10/25/2018
7,630.00	7,633.00	CIBP	5.500	Yes	8/26/2003
Chased CIBP to 7630' after frac job					
7,780.00	7,783.00	CIBP	5.500	Yes	10/6/2001
7,800.00	7,804.00	CIBP	5.500	Yes	6/18/2001

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

COMMENTS

Action 127293

COMMENTS

Operator: SOUTHWEST ROYALTIES INC P O BOX 53570 Midland, TX 79710	OGRID: 21355
	Action Number: 127293
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	7/25/2022

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 127293

CONDITIONS

Operator: SOUTHWEST ROYALTIES INC P O BOX 53570 Midland, TX 79710	OGRID: 21355
	Action Number: 127293
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA Note changes to procedure	7/25/2022