

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. 30-025-26639
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 330339
7. Lease Name or Unit Agreement Name Brunson C
8. Well Number 13
9. OGRID Number 256073
10. Pool name or Wildcat Wantz Abo [62700]

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 type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator J R Oil Ltd, Co.	
3. Address of Operator PO Box 2975, Hobbs, NM 88241	
4. Well Location Unit Letter <u>1</u> : <u>2,080</u> feet from the <u>South</u> line and <u>760</u> feet from the <u>East</u> line Section <u>3</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,383' GL	

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.

J R Oil respectfully requests permission to plug & abandon this well bore according to the attached procedure.

4" diameter 4' tall above ground marker

Note changes to procedure

See attached conditions of approval

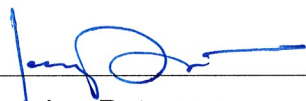
Spud Date:

June 17, 1980

Rig Release Date:

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

SIGNATURE



TITLE Engineer

DATE 12/18/2021

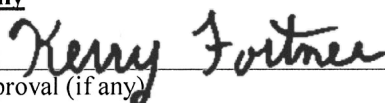
Type or print name Ian Petersen

E-mail address: ian@ddpetro.com

PHONE: (432) 634-4922

For State Use Only

APPROVED BY:



TITLE Compliance Officer A

DATE 1/7/21

Conditions of Approval (if any)

575-263-6633

J R Oil, Ltd.

Brunson C #13

Plug & Abandon Procedure

12/18/2021

1. Test anchors.
2. MIRU, lay down rod string & pump. If moderate prffn observed hot water tubing w/ FW, biocide, and solvent.
 - a. **Make sure rig crew does not bang or drop rods.**
 - b. Visually inspect rods for wear & pitting. If wear/pitting observed send rods to inspection service.
 - c. Send pump to shop for tear down and inventory.
3. ND WH, release TAC, NU BOP, POOH tbq. Visually inspect for pitting and lay down as needed. Lay down polybore jt if present.
4. Test tbq to 4,000 psi below the slips and RIH bit & scraper to ~7,200'.
5. Mix mud-laden fluid (MLF) w/ 9-10# brine and 25 sx salt gel per 100 bbls. Spot balanced pill of 16 bbls MLF, and POOH.
6. Set CIBP @ ~6,564' & spot 25 sx cement on top.
7. Circulate well from TOC to surface w/ MLF.
8. Spot balanced plug of 25 sx Class C cement from 6,190' to 5,949'.
9. Spot balanced plug of 25 sx Class C cement from 5,460' to 5,219'.
10. Spot balanced plug of 25 sx Class C cement from 5,000' to 4,759'.
11. Spot balanced plug of ~~25~~⁴⁰ sx Class C cement from 3,280' to ~~3,039~~^{2880 DV tool}'.
12. Spot balanced plug of 25 sx Class C cement from 2,713' to 2,472'.
Spot 25 sx Class C 1550 Top of Salt
13. Perforate @ 1,315', squeeze 50 sx cement from 1,074' to perms.
14. Perforate @ 150', circulate cement to surface.

15. Cut off well head 3' below grade, top off cement as needed, and cement marker pole as follows:

a. Pole must be 4" or greater in diameter and extend 4' above grade. Weld the following information on the marker:

- i. Brunson C #13
- ii. 30-025-26639
- iii. i 3 22S 37E
- iv. J R Oil Ltd, Co.

16. Back fill & remediate surface location.

Information Page

Well

Name: Brunson C #13

API: 30-025-26639

Location: Unit I, section 3, T 22S, R 37E, 2,080' FSL, 760' FEL

Lat/long: 32.4193382, -103.1447678

Directions: From Eunice, travel south on Hwy 207. 0.4 miles after Herrera's Oilfield Service turn East (left) and travel 0.9 miles. The road dead ends at the Brunson C #13.

Contacts

Company Man in charge: Owen Puckett (575) 365-8580
Mike Elmore (575) 631-5352

Engineer: Ian Petersen (432) 634-4922

Foreman: Josh Latimer (575) 414-9188

Pumper: Junior Hernandez (575) 441-6653

JR Oil Ltd.

Brunson C #13

WELL NAME: Brunson C #13

API NO: 30-025-26639

SPUD DATE: June 17, 1980

FORMATION: Abo

FIELD: Wantz

COUNTY: Lea

KB: 11.4

PBTD: 7,265

TD: 7,505

CASING								CEMENT & HOLE DATA				
	joints	OD	lb/ft	grade	ID (in)	drift (in)	top	bottom	bit size	depth	sacks	TOC
Surface Production	31	8 5/8	24.00	K-55	8.097	7.972	11'	1,195'	12 1/4	1,195'	620	surf.
	25	5 1/2	17.00	K-55	4.892	4.767	11'	1,038'	7 7/8			
	45		15.50		4.950	4.825	1038'	2,906'			1,200	surf.
	110 (DV Tool)		14.00		5.012	4.887	2906'	7,502'			1,050	3,021'
							3021'					

History:

6/17/1980 Spud

7/22/1980 Drill out DV tool and to 7,499', spot acetic, perf Granite Wash, swab 2 days, recover some condensate and 60 BW, acidize 5k gal 1% HCL NEFE, BS, BO, ATR 5, TP 2,400 - 5,000, ISIP 2,200, 15" 2,000, swab 4 days, OC 70%, frac 16k# 100-mesh, 19k# 20/40, 30k gal gel kerosene, ATR 15.5, TP 3,400 - 5,000, ISIP 2,800, 15" 2,500, 19' 1,500, swab 3 days, bail to 7,498', POP.

8/29/1980 Set CIBP, dump 10' cement, RIH pkr, perf Abo, swab 3 days, acidize 6k gal 15% HCL NE, BS, BO, ATR 4, TP 3,700 - 5,400, ISIP 2,500, 15" 2,000, flow, IP 56 BOPD, 495 MCFD, 73 BWPD, API 43

1994-2002 well tests 0-2 BOPD, 26-47 MCFD, 0-3 BWPD

4/12/1996 Paraffin knife, soft to 2,100', swab & flow 4 days, recover 40 BO, 31 BW, from swabbing, open to battery over night

10/19/1996 POOH tbg & pkr, RBIH OE, swab 4 days, rec. 30 BO

10/2/2001 Swab, broach, swab

7/21/2006 Broach, swab 3 days, recover 283 BW, 0 BO, no gas

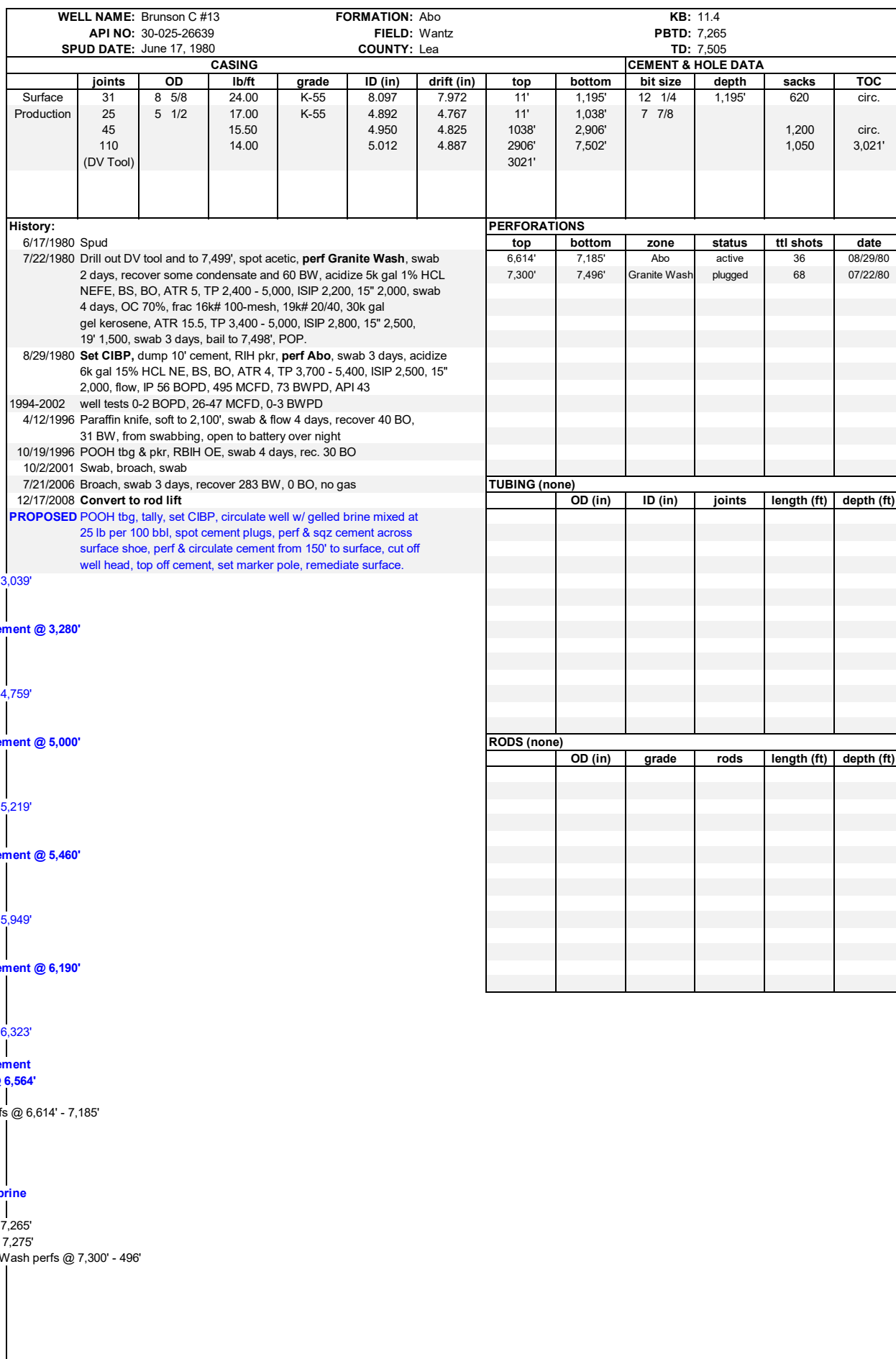
12/17/2008 Convert to rod lift

PERFORATIONS

top	bottom	zone	status	tfl shots	date
6,614'	7,185'	Abo	active	36	08/29/80
7,300'	7,496'	Granite Wash	plugged	68	07/22/80

Updated: October 7, 2021 by Ian Petersen

Brunson C #13 PROPOSED



**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

J R Oil, Ltd.

Brunson C #13

Plug & Abandon Procedure

12/18/2021

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2. MIRU, lay down rod string & pump. If moderate prffn observed hot water tubing w/ FW, biocide, and solvent.
 - a. **Make sure rig crew does not bang or drop rods.**
 - b. Visually inspect rods for wear & pitting. If wear/pitting observed send rods to inspection service.
 - c. Send pump to shop for tear down and inventory.
3. ND WH, release TAC, NU BOP, POOH tbg. Visually inspect for pitting and lay down as needed. Lay down polybore jt if present.
4. Test tbg to 4,000 psi below the slips and RIH bit & scraper to ~7,200'.
5. Mix mud-laden fluid (MLF) w/ 9-10# brine and 25 sx salt gel per 100 bbls. Spot balanced pill of 16 bbls MLF, and POOH.
6. Set CIBP @ ~6,564' & spot 25 sx cement on top.
7. Circulate well from TOC to surface w/ MLF.
8. Spot balanced plug of 25 sx Class C cement from 6,190' to 5,949'.
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11. Spot balanced plug of 25 sx Class C cement from 3,280' to 3,039'.
12. Spot balanced plug of 25 sx Class C cement from 2,713' to 2,472'.
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14. Perforate @ 150', circulate cement to surface.

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JR Oil Ltd.

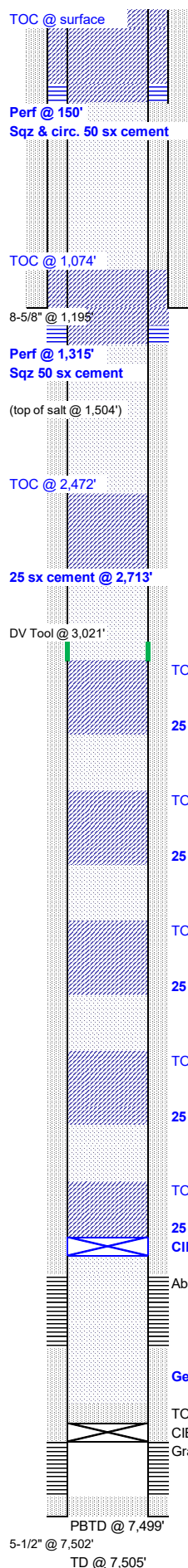
Brunson C #13

[illegible]

Updated: October 7, 2021 by Ian Petersen

JR Oil Ltd.

Brunson C #13 PROPOSED



WELL NAME: Brunson C #13					FORMATION: Abo			KB: 11.4					
API NO: 30-025-26639					FIELD: Wantz			PBTD: 7,265					
SPUD DATE: June 17, 1980					COUNTY: Lea			TD: 7,505					
CASING								CEMENT & HOLE DATA					
	joints	OD	lb/ft	grade	ID (in)	drift (in)	top	bottom	bit size	depth	sacks	TOC	
Surface Production	31	8 5/8	24.00	K-55	8.097	7.972	11'	1,195'	12 1/4	1,195'	620	circ.	
	25	5 1/2	17.00	K-55	4.892	4.767	11'	1,038'	7 7/8				
	45		15.50		4.950	4.825	1038'	2,906'			1,200	circ.	
	110 (DV Tool)		14.00		5.012	4.887	2906' 3021'	7,502'			1,050	3,021'	
History:							PERFORATIONS						
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7/22/1980 Drill out DV tool and to 7,499', spot acetic, perf Granite Wash, swab 2 days, recover some condensate and 60 BW, acidize 5k gal 1% HCL NEFE, BS, BO, ATR 5, TP 2,400 - 5,000, ISIP 2,200, 15" 2,000, swab 4 days, OC 70%, frac 16k# 100-mesh, 19k# 20/40, 30k gal gel kerosene, ATR 15.5, TP 3,400 - 5,000, ISIP 2,800, 15" 2,500, 19' 1,500, swab 3 days, bail to 7,498', POP.							6,614'	7,185'	Abo	active	36	08/29/80	
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1994-2002 well tests 0-2 BOPD, 26-47 MCFD, 0-3 BWPD													
4/12/1996 Paraffin knife, soft to 2,100', swab & flow 4 days, recover 40 BO, 31 BW, from swabbing, open to battery over night													
10/19/1996 POOH tbg & pkr, RBIH OE, swab 4 days, rec. 30 BO													
10/2/2001 Swab, broach, swab													
7/21/2006 Broach, swab 3 days, recover 283 BW, 0 BO, no gas													
12/17/2008 Convert to rod lift							TUBING (none)						
PROPOSED POOH tbg, tally, set CIBP, circulate well w/ gelled brine mixed at 25 lb per 100 bbl, spot cement plugs, perf & sqz cement across surface shoe, perf & circulate cement from 150' to surface, cut off well head, top off cement, set marker pole, remediate surface.								OD (in)	ID (in)	joints	length (ft)	depth (ft)	
3,039'													
ment @ 3,280'													
4,759'													
ment @ 5,000'													
							RODS (none)						
								OD (in)	grade	rods	length (ft)	depth (ft)	
5,219'													
ment @ 5,460'													
5,949'													
ment @ 6,190'													
6,323'													
ment 6,564'													
fs @ 6,614' - 7,185'													
rine													
7,265'													
7,275'													
Wash perms @ 7,300' - 496'													

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 68030

CONDITIONS

Operator: J R OIL, LTD. CO. P.O. Box 52647 Tulsa, OK 74152	OGRID: 256073
	Action Number: 68030
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached conditions of approval Note changes to procedure	1/7/2022