

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **NM 29202**
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator E.G.L. Resources, Inc.		8. Well Name and No. Baldrige Federal #2
3a. Address P.O. Box 10886 Midland, TX 79702	3b. Phone No. (include area code) (432) 687-6560	9. API Well No. 30-015-23663
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 196' FNL & 1,427' FEL, Sec. 14, Twp. 24-S, Rge. 24-E		10. Field and Pool or Exploratory Area Baldrige Canyon Morrow
		11. Country or Parish, State Eddy County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

SUMMARY OF PROPOSED OPERATIONS:

1. MIRU. ND wellhead. NU BOPE. Test tbg. Tally OOH w/ tbg and pkr.
2. Set CIBP @ 10,320'. Set 30 sxs Cl. "H" cmt plug in 4-1/2" csg @ 10,320'. WOC & tag. (Morrow plug). **10000'**
3. Circulate wellbore with 9 ppg mud.
4. Perf csg @ **9,500'**. Sqz w/ 60 sxs Cl. "H" cmt. WOC and tag. (Strawn plug) **9331, SQZ cmt to 8992 (canyon)**
5. Perf csg @ **7,978'**. Sqz w/ 60 sxs Cl. "H" cmt. WOC & tag. (Wolfcamp plug) **7986, SQZ cmt to 7806**
6. Perf csg @ **6,900'**. Sqz w/ 50 sxs Cl. "C" cmt. WOC & tag. (Csg/Open hole plug) **omit**
7. Perf csg @ **4,830'**. Sqz w/ 50 sxs Cl. "C" cmt. WOC & tag. (Bone Springs plug) **4913, SQZ cmt to 4763**
8. Perf csg @ **3,382'**. Sqz w/ 50 sxs Cl. "C" cmt. WOC & tag. (Delaware plug) **3252**
9. Perf csg @ **2,800'**. Sqz w/ 40 sxs Cl. "C" cmt. WOC & tag. (Intermediate csg shoe plug). Call BLM Carlsbad Office to witness tag. **2670**
10. Perf csg @ **900'**. Sqz w/ 35 sxs Cl. "C" cmt. (Csg plug) **omit**
11. Perf csg @ **438'**. Sqz w/ **30 sxs** Cl. "C" cmt. WOC & tag. (Surface csg shoe plug) **SQZ cmt to Surface, (Critical Cave Karst)**
12. Perf csg @ **60'**. Sqz w/ **15 sxs** Cl. "C" cmt leaving **60' cmt plug 1/60' - surface. ND BOPE.**
13. Dig out cellar. Cut off casing strings at base of cellar. Install P&A marker as designated by BLM officer. Fill in cellar.
14. Clean location and move off location.

ATTACHMENTS: A. DETAILED PROCEDURE OF PROPOSED OPERATIONS, B. WELLBORE DIAGRAM OF CURRENT STATUS, and C. WELLBORE DIAGRAM OF PROPOSED PLUGGED AND ABANDONED STATUS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) John A. Langhoff		Title Petroleum Engineer	
Signature <i>John A. Langhoff</i>		Date 07/01/2020	

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>James R. Amos</i>	Title SPEET	Date 7-31-20
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office LFD		

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

BALDRIDGE FEDERAL NO. 2
196' FNL & 1,427' FEL, SEC 14, TWP 24S, RGE 24E, EDDY CO., NM
LAT: 32.2241249 LONG: -104.465416
API NO. 30-015-23663

PLUG AND ABANDONMENT PROPOSED PROCEDURE:

1. Contact BLM office at 575-361-2822 at least 24 hours prior to commencing plugging operations.
2. MIRU. ND wellhead. Release 4-1/2" Halliburton PLS 10K pkr set at 10,532'. NU BOPE. Set 1.875" "X" profile plug in On-Off tool profile nipple. Load tubing and pressure test to 1,000 psi. Pull plug from profile nipple. POOH tallying tubing and lay down On-Off tool and Halliburton PLS 10K pkr.
3. RIH w/ 4-1/2" CIBP on tubing and set at 10,320'. Release from CIBP and tag plug. Mix and pump 30 sxs Class "H" neat cement (16.4 ppg) to spot balanced plug on top of CIBP at 10,320'. Pull above cement top @ 9,959' (Top of Morrow lime @ 10,050'). WOC and tag. *10000'*
4. Circulate wellbore with 9 ppg mud. Pressure test casing to 500 psi. PUH w/ tubing.
5. Perforate 4-1/2" casing at ~~9,500'~~ (Top of Strawn @ 9,450'). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with 60 sxs Class "H" neat cement (16.4 ppg). Pull above cmt top @ 9,300'. WOC and tag. *9331, SQZ cmt to 8992 (Canyon)*
6. Perforate 4-1/2" casing at ~~7,978'~~ (Top of Wolfcamp @ 7,928'). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with 60 sxs Class "H" neat cement (16.4 ppg). Pull above cmt top @ 7,778'. WOC and tag. *7986, SQZ cmt to 7806*
7. ~~Perforate 4-1/2" casing at 5,900' (Cmt plug behind uncemented casing isolation perfs). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with 50 sxs Class "C" neat cement (14.8 ppg). Pull above cmt top @ 5,690'. WOC and tag. omit~~
8. Perforate 4-1/2" casing at ~~4,830'~~ (Top of Bone Springs @ 4,780'). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with 50 sxs Class "C" neat cement (14.8 ppg). Pull above cmt top @ 4,620'. WOC and tag. *4913, SQZ cmt to 4763*
9. Perforate 4-1/2" casing at 3,382' (Top of Delaware @ 3,332'). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with 50 sxs Class "C" neat cement (14.8 ppg). Pull above cmt top @ 3,172'. WOC and tag. *@ 3252*
10. Perforate 4-1/2" casing at 2,800' (Intermediate csg shoe @ 2,750'). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with 40 sxs Class "C" neat cement (14.8 ppg). Pull above cmt top @ 2,634'. WOC. Call BLM Carlsbad Field Office representative at (575) 361-2822 to witness tag of cement plug. *@ 2670*
11. ~~Perforate 4-1/2" casing at 900' (Cmt plug behind uncemented casing isolation perfs). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with 35 sxs Class "C" neat cement (14.8 ppg). Pull above cmt top @ 755'. PUH w/ tubing. omit~~
12. Perforate 4-1/2" casing at 438' (Surface csg shoe isolation perfs). Attempt to break circulation with 500 psi or less. Squeeze cement perfs with ~~30 sxs~~ Class "C" neat cement (14.8 ppg). Pull above cmt top @ ~~314'~~. WOC and tag. *SQZ cmt to Surface. Critical Cave Karst*
13. ~~Perforate 4-1/2" casing at 60'. Mix and pump 15 sxs Class "C" neat cement (14.8 ppg) to circulate cement from 60' to surface. ND BOPE. Wash up equipment. omit~~

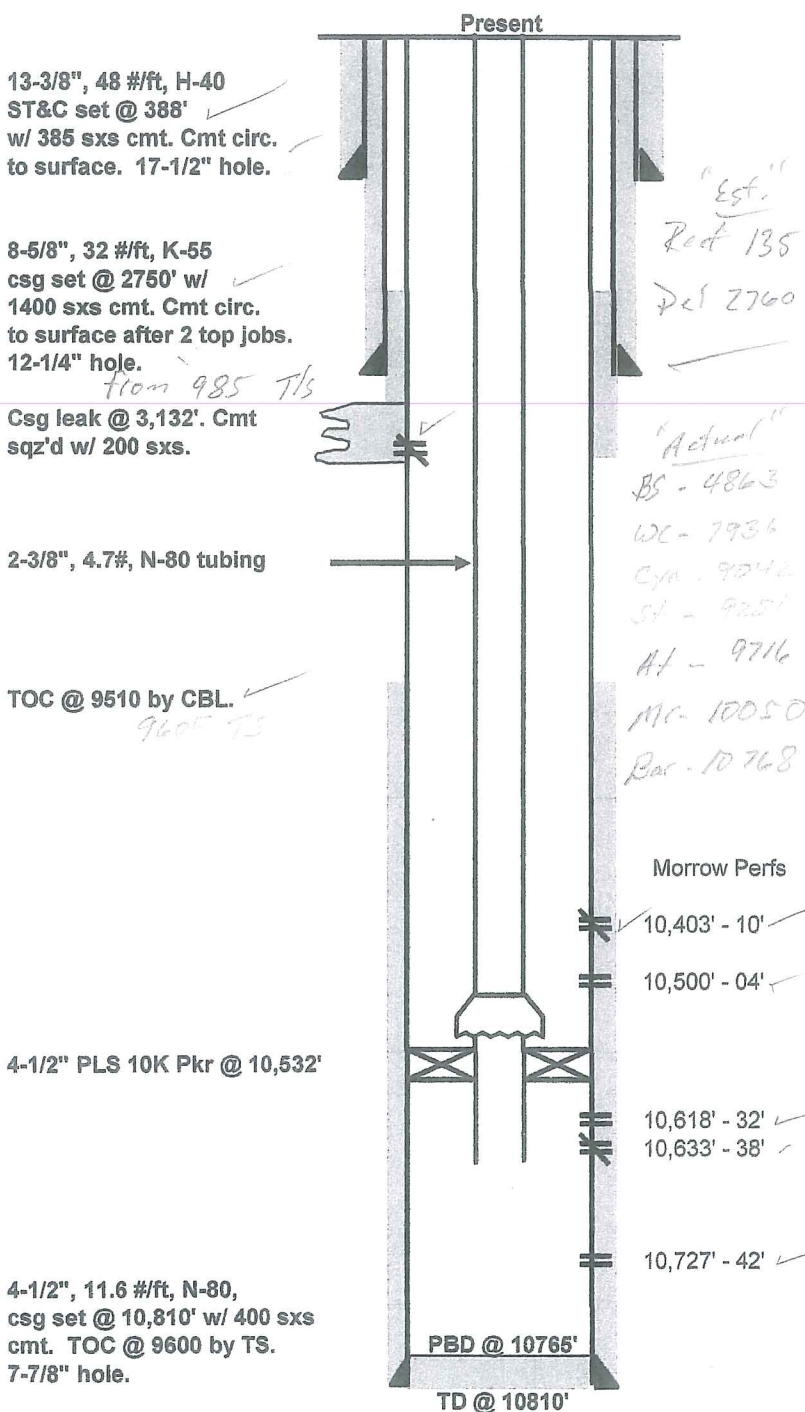
14. Surface Cap. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least 1/4 inch thick and welded in place, or a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement as specified by the authorized officer. The well location and identity shall be permanently inscribed. A weep hole shall be left if a metal plate is welded in place.
15. The cellar shall be filled with suitable material as specified by the authorized officer and the surface restored in accordance with the instructions of the authorized officer.

WELL DATA SHEET

FIELD: Baldrige Canyon

WELL NAME: Baldrige Fed. No. 2

FORMATION: Morrow

LOC: 196' FNL & 1427' FEL
SEC: 14 TWP: 24S RGE: 24ECOUNTY: EDDY
STATE: NMGL: 4257'
KB to GL: 15.0'CURRENT STATUS: Producing
API NO: 30-015-23663

Date Completed: 9/3/1981

Initial Production: 0 BOPD / 0 BWPD / 2494 MCFGPD
FLOWING WITH 2250 PSIG FTP.

Initial Formation: Morrow From: 10403' To: 10742'

Completion Data:

MIRU. RIH w/ 10,765' 2-3/8" tbg. Displace w/ KCl wtr. POOH w/ tbg. Perf Morrow formation 10,742', 10,737'-39', 10,733', 10,727', 10,624'-38', and 10,403'-10'. Set pkr @ 10,344'. Swb down tbg. No show gas. Run pkr to 10,763', spot acid across perfs, set pkr @ 10,364'. Acdz w/ 1500 gals. 7-1/2% MS acid & ball out to 7,000 psi. Surge balls and complete job. Swb well in. RD. Place on production. Original BHP from DST data 4,066#.

Wellbore History:

2/95 Static BHP survey indicates 499 psia.

8/95 MIRU. Load tbg & csg w/ 2% KCl. POOH w/ pkr laying down tbg. RIH w/ new 2-3/8" tbg & bit & scraper to 10,780'. POOH-RIH w/ pkr to 10,350'. Set pkr. Swb well. RD. Place well on production.

1/96 MIRU. ND tree. NU BOP. Load tbg w/ wtr. POOH w/ pkr. RIH w/ CIBP & set at 10,600'. Dump 20' cmt on top of CIBP. RIH w/ pkr to 10,501'. Pressure test CIBP to 2200#. PUH w/ pkr to 9,981'. Test csg to 1500# and bled off. Pump down tbg into perfs 10,403'-10'. POOH w/ pkr. RIH w/ CIBP & set at 10,304'. Cmt sqz perfs 10,403'-10' w/ 104 sxs. POOH. Isolate csg leak to be @ 3,132'. Cmt sqz w/ 200 sxs. Drl out & tst sqz to 1,000#. OK. Drl out CIBP @ 10,304' & cmt down to 10,549' (139' below perfs!). Perf 10,500'-04'. RIH & set pkr @ 10,432'. Test csg to 2,000#. Swb fluid down to 9700' w/ show gas. Spot acid across perfs. Set pkr. Acdz w/ 1000 gals. 7-1/2% Mod 101 acid. Swab & rec. 8 bbls fluid. RD.

2/96 MIRU. Swb. FL @ 9200'. Load tbg & csg w/ 2% KCl wtr. POOH w/ pkr. Run GR-perf log from 10,507' (PBTD?) to 10,200'. RIH w/ gamma gun and perf 10,500'-04'. Set pkr @ 10,460'. Swb dry. RD.

5/96 MIRU swb unit. FL 8800'. Swb dry. Load csg w/ 28 bbls KCl wtr & held 1000#. Acdz perfs 10,500'-04' w/ 1500 gals. 7-1/2% HCl & 750 gals. Methanol. Swb down rec. 49 bbls of 80 bbl load. RD.

8/96 MIRU. Load tbg w/ 2% KCl. Rise pkr & RIH to 10,512' (PBTD). Circ clean. POOH. RIH w/ CIBP and set at 10,510' by wireline. RIH w/ pkr to 10,432'. Tst csg to 500#. Tst tbg to 3000#. Swb well dry. Acdz w/ 1000 gal 7-1/2% MSR. Swb dry. Rec. 48 bbls out of 66 bbls load. RD.

8/97 BHP survey indicates +/- 790 psia.

9/99 MIRU. POOH w/ pkr. Drill out CIBP @ 10,510', cmt down to 10,620', CIBP @ 10,620' (had moved downhole), & cmt to 10,648'. POOH w/ bit (lost one cone). RIH w/ tbg open ended. RD.

2/02 MIRU. POOH w/ tbg. Run GR-CCL log from 10,637' (PBTD) to 8,637'. Run Powr-Perf system & pkr. Run Correlation log. Set on depth. Load csg. NU wellhead. Pressure up tbg w/ Nitrogen & fire perf guns shooting 10,618'-32' and continue pmpp Nitrogen. Flow back well. Place on production w/ compression.

11/05 MIRU. POOH w/ pkr & perf gun. Drill out cmt to 10,765'. Tst csg to 500#. Good. Pressure test perfs 10,500' to 10,632' to 1025#, bled 25# per min. Run CBL log, found TOC @ 9510'. Perf 10,727'-42'. Run pkr. Frac perfs 10,618'-32' & 10,727'-42'. Flow back. PWOP 12-22-05 03/15 Swab well making 2 runs to 10,000'. Rec. 1 BBL total. RTP.

Additional Data:

DST #1 - 10,280'-425' (Morrow "B" sand). Op 30", SI 1', Op 2', & SI 2'. GTS 28" w/ SFP 8# on 1" ck on preflow. FARO 800 MCFPD on reg. flow. Rec. 622' GCDM. SC/R @ 75# was 1 CFG + 700 cc DM. 30" FP 270#, 1' ISIP 4066#, 1' FP 304#, and 2' FSIP 4066#.

DST #2 - 10,485'-620' (Morrow "D" sand). Op 37", SI 85", Op 1', & SI 76". GTS 43" FARO 350 MCFPD on preflow. Reg. flow had strong blow decreasing to dead in 1'. Rec. 7344' SW. 37" FP 2364#, 85" ISIP 3,792#, 1' FP 3385#, 76" FSIP 3766#. Chlorides 55,000. Pit chlorides 102,000.

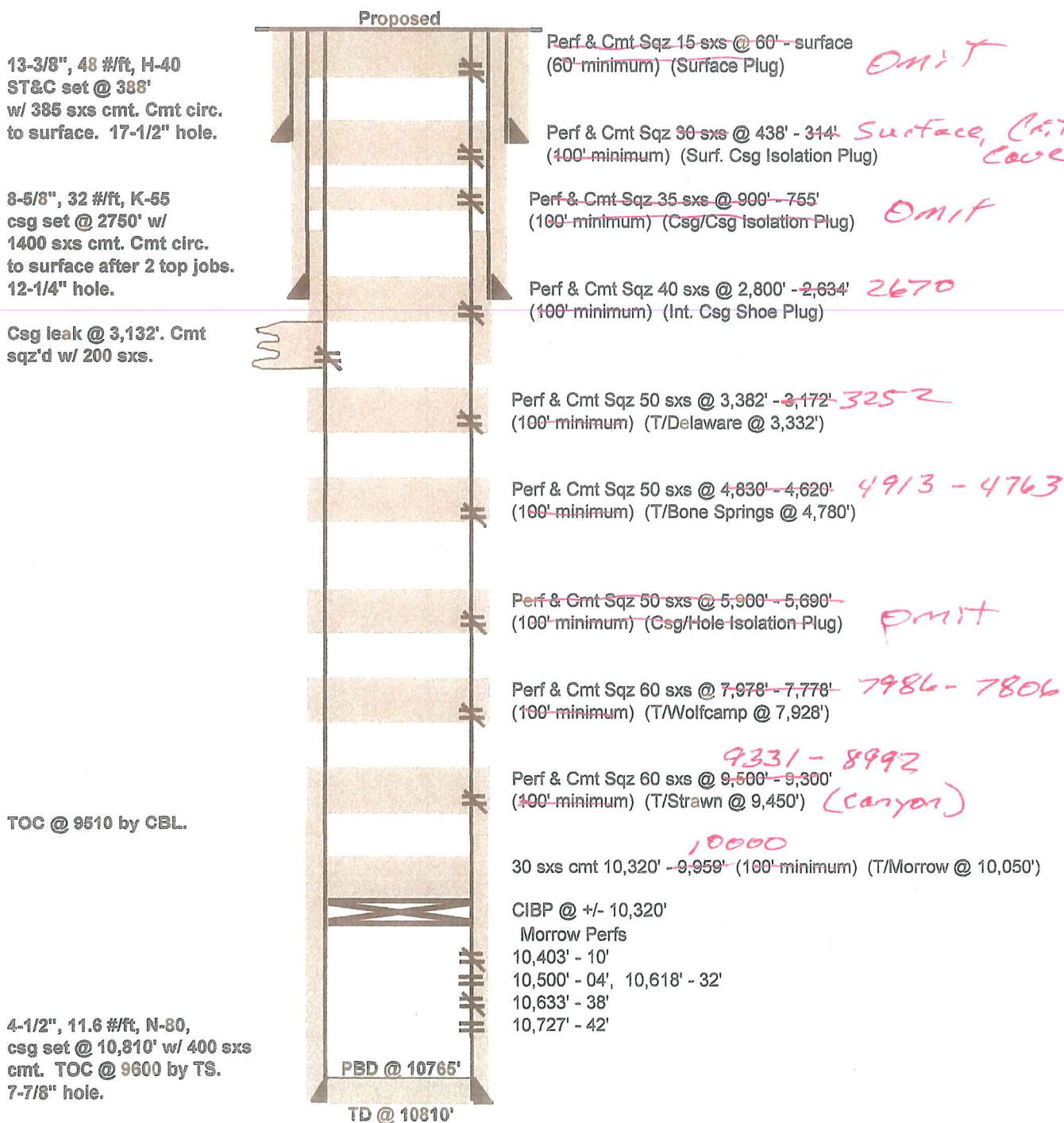
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JAL 06-30-2020

WELL DATA SHEET

FIELD: Baldrige Canyon

WELL NAME: Baldrige Fed. No. 2

FORMATION: Morrow

LOC: 196' FNL & 1427' FEL
SEC: 14 TWP: 24S RGE: 24ECOUNTY: EDDY
STATE: NMGL: 4257'
KB to GL: 15.0'PROPOSED STATUS: P&A'D
API NO: 30-015-23663

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

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 58945

CONDITIONS

Operator: E G L RESOURCES INC P.O. Box 10886 Midland, TX 79702	OGRID: 173413
	Action Number: 58945
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	11/1/2021