

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator ENDURING RESOURCES IV LLC

3a. Address 200 ENERGY COURT
FARMINGTON NM 87401

3b. Phone No. (include area code)
505-636-9722

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990 FNL, 1650 FEL S 15, T 27N, R 12W

5. Lease Serial No.

NMSF078935

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

CAMPBELL COM 001

9. API Well No.

30-045-06577

10. Field and Pool or Exploratory Area
BASIN DAKOTA

11. Country or Parish, State

SAN JUAN COUNTY, NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomple 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 recomple 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 determined that the site is ready for final inspection.)

THIS WELL WAS PLUGGED AND ABANDONED MARCH 4, 2019

2/18/19 - MIRU. Check PSI on well. 2-3/8" tbg = 650 psi, 4-1/2" csg = 0 psi, BH = 0 psi. Blow down well. ND WH, NU BOP. Tbg stuck. RU WL, run CBL, found tbg free @ 4890'. RD WL. Wait on orders. NMOCD wants to try to get tbg out. SDFN.

2/19/19 - RU Magna Energy Svcs, pump 200 gal in csg and 100 gal in tbg. RD Magna. Work tbg free. TOOH, tally 95 stds + 1 jt 2-3/8" tbg (192 jts total), SN.

2/20/19 - PU 4-1/2" CR, TIH. Stacked out and CR set at 5230'. While TIH well was full of fluid indicating fill had to be falling in where tbg was stuck and CR set. BLM requested to drill out CR. Start drilling out CR @ 5230'. Circulated clean. TIH, push CR down to 6030'. RU pump to tbg. Pumped 90 bbl to clean out well. SDFD.

2/21/19 - RU pump to tbg, load and establish circulation with 1 bbl, (80 bbl total). Attempt to PT csg to 800 psi - bleed down to 400 psi - no test. RU WL, run CBL from 6010' to surface. Found good cement from 6010'-4400', 3680'-2500' & 1710'-900'. RD WL.

Plug #1 (Dakota Top): M&P 16 sx class G cmt from 5809'-6010' (TOC).

2/25/19 - TIH, tag plug #1 @ 5832', tag good.

Plug #2 (Gallup top) - M&P 16 sx class G cmt w/ 2% CaCl from 4901' to 5102' TOC. TIH, tag plug #2 @ 4928', tag good.

Plug #3 (Mancos top) - M&P 16 sx class G cmt from 4079' to 4280' TOC.

4. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
APRIL E POHL

Title REGULATORY SPECIALIST

Signature

April E Pohl

Date

March 6, 2019

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Dave Mankiewicz

Title

AFM

Date

4/8/19

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

FFO

NMOCD

CAMPBELL COM 001 - continued

2/26/19 - TIH, tag plug #3 @ 4088', tag good. PT csg to 800 psi - test good.

BLM and NMOCD request due to CBL to change plug #4, #5 and surface plug to inside/outside and combine PC & Fruitland in a balanced plug.

RU WL, RIH to 2395', perf 4holes. Got a rate of 1 bpm @ 1000 psi. RD WL. PU 4-1/2" Cement Retainer, TIH to 2345', set CR, release and sting in.

Got a rate of 1 bpm@1000 psi.

Plug #4 (MV top) M&P 56 sx class G cmt from 2194' to 2395' TOC w/ 40 sx in annulus, 4sx below CR and 12 sx on top of CR.

Plug #5 (Chacra top) M&P 52 sx class G cmt from 1832' to 1982' TOC w/ 40 sx in annulus, 4 sx below CR and 8 sx on top of CR.

Plug #6 (Pictured Cliffs, Fruitland top) M&P 37 sx class G cmt from 1053' to 1519' TOC. SDFD.

2/27/19 - RU WL. TIH, tag plug #6 @ 1000'. Perf 4 holes @ 406', POOH. RU pump to csg, attempt to get circulation out BH. Pump 15 bbl @ 1 bpm @ 1000 psi, attempt to pump down, BH pressured up to 1000 psi. BLM request CBL check at 50'. TIH to 320', RU pump to tbq, pump bottoms up w/ 5 bbl, TOO, LD tbq.

RU WL, run CBL from 300' to surface, found bridge at 40' to surface.

BLM and NMOCD approved to perf @ 73' and set CR @ 345' to attempt to bring cmt to surface. RU WL, RIH to 73', perf 4 holes, RD WL. RU pump to tbq, attempt to get circ from 73' to 406'. No circ just same rate of 1 bpm @ 1000 psi. RU pump to csg, attempt to get circ out tbq from 406'. No communication just a rate of 1.5 bpm @ 500 psi. BLM and NMOCD approved to pump capacity from 406' to csg shoe @ 123', no excess.

Plug #7 (Kirtland - Ojo Alamo top): M&P 60 sx class G cmt from 123' to 406' w/ 56 sx in annulus, 4 sx below CR. SDFD.

2/28/19 - RU wireline, run CBL from 345' to surface, seen slight change @ 73'-100'. WOO. BLM and OCD requested pump cement from 100'-345', set CR @ 60'. Pump and squeeze under CR.

Plug #8 (Kirtland, Ojo Alamo top) M&P 20 sxs class G cement from 93'-345' TOC. (Surface shoe) M&P 50 sxs class G cement in annulus.

03/01/19 - Check PSI on well. No tbq, 4-1/2" csg 0 psi, BH 11 psi. BLM request 1 hour shut in. Check PSI after 1 hr, pressure built up to 8 psi. RU pump to BH, attempt to pump down, BH pressured up to 1000 psi. BLM request to let BH vent over weekend, shut in Sunday night to get over night shut in pressure.

03/04/19 - BLM requested shut in BH for 1 hr, check, PSI still at 0 psi. Continue to plug well. TIH to 61'. RU pump to load tbq and est circ w 1 bbl.

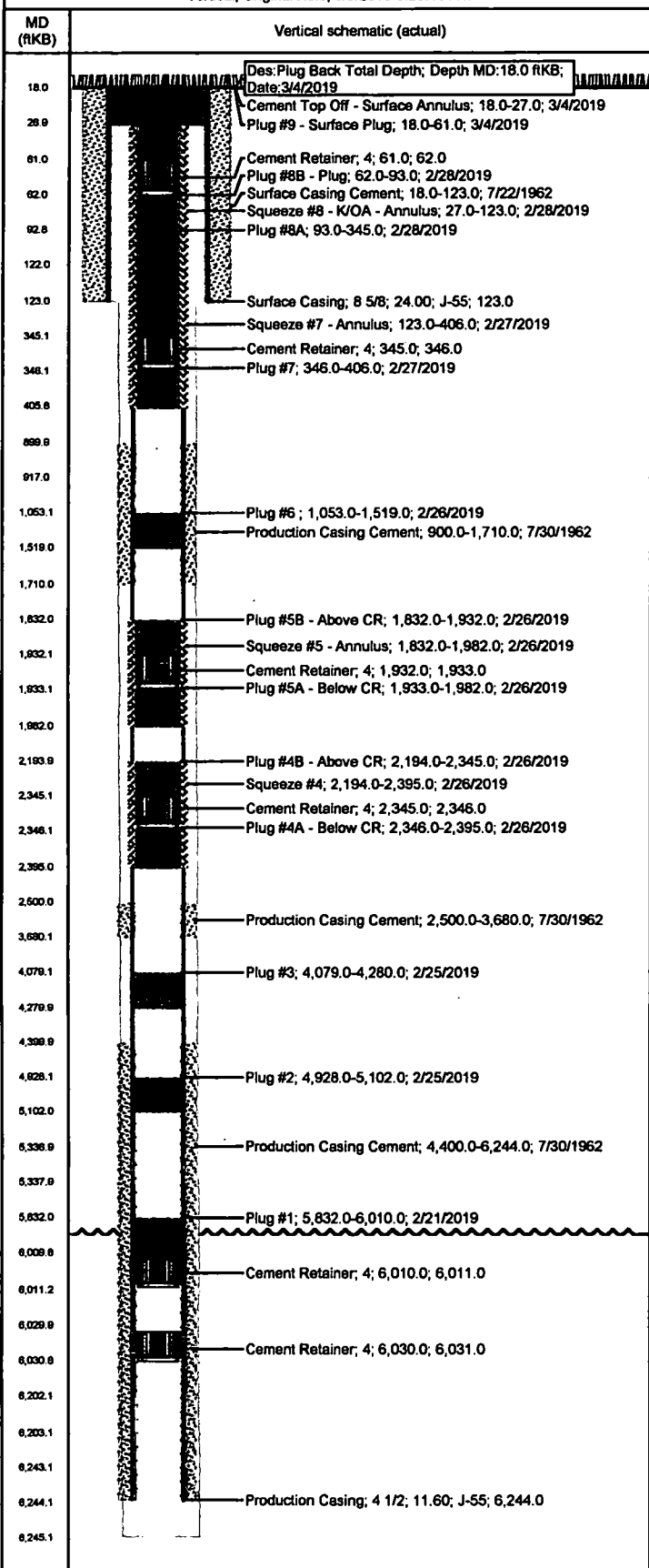
Plug #9 (Surface) M&P 16 sxs class G cement from 61'-surface till good cement returns.

ND BOP. Dig out WH. Welder cut off WH, found TOC @ 0' in 4 1/2" csg, 9' in annulus. Mix 3 sxs top off annulus. Weld on DHM plate. RDMO.

Well Name: Campbell Com 1

API/UWI 30-045-06577		County SAN JUAN		State/Province New Mexico		Surface Legal Location Section 15, Twp 27N, Rng 12W	
Spud Date 7/22/1962	On Production Date 9/1/1962	Abandon Date 3/4/2019	Ground Elevation (ft) 5,892.00	Original KB Elevation (ft) 5,910.00	Total Depth (ft) (ftKB) Original Hole - 6,245.0	PBTD (ft) (ftKB) Original Hole - 18.0	

Vertical, Original Hole, 3/6/2019 9:28:18 AM



Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Rod Strings

<des> on <dtmrun>

Rod Description		String Length (ft)		Set Depth (ftKB)		Run Date	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)		

Tubing Strings

<des> set at <depthbtm>ftKB on <dtmrun>

Tubing Description		Len (ft)	Set Depth (ft)	Run Date	Cut/Pull Date	Depth C	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)

Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date
Cement Retainer	Production Casing, 6,244.0ftKB	61.0	62.0	2/28/2019 13:30
Cement Retainer	Production Casing, 6,244.0ftKB	345.0	346.0	2/27/2019 14:00
Cement Retainer	Production Casing, 6,244.0ftKB	1,932.0	1,933.0	2/26/2019 14:30
Cement Retainer	Production Casing, 6,244.0ftKB	2,345.0	2,346.0	2/26/2019 10:30
Cement Retainer	Production Casing, 6,244.0ftKB	6,010.0	6,011.0	2/21/2019 08:00
Cement Retainer	Production Casing, 6,244.0ftKB	6,030.0	6,031.0	2/20/2019 14:00

Cement

Cement Top Off - Surface Annulus, Plug, 3/4/2019 12:00

Description	String	Cementing Start Date	Cementing End Date
Cement Top Off - Surface Annulus	Surface Casing, 123.0ftKB	3/4/2019 12:00	3/4/2019 14:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
2	18.0	27.0	3 sx class G cmt

Cement Plug #9 - Surface Plug, Plug, 3/4/2019 09:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #9 - Surface Plug	Production Casing, 6,244.0ftKB	3/4/2019 09:30	3/4/2019 10:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	18.0	61.0	16 sx class G cmt

Cement Plug #8B - K/OA - Plug, Plug, 2/28/2019 14:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #8B - K/OA - Plug	Production Casing, 6,244.0ftKB	2/28/2019 14:30	2/28/2019 15:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
3	62.0	93.0	50 sx class G cmt

Cement Sqz #8 - K/OA - Annulus, Squeeze, 2/28/2019 14:00

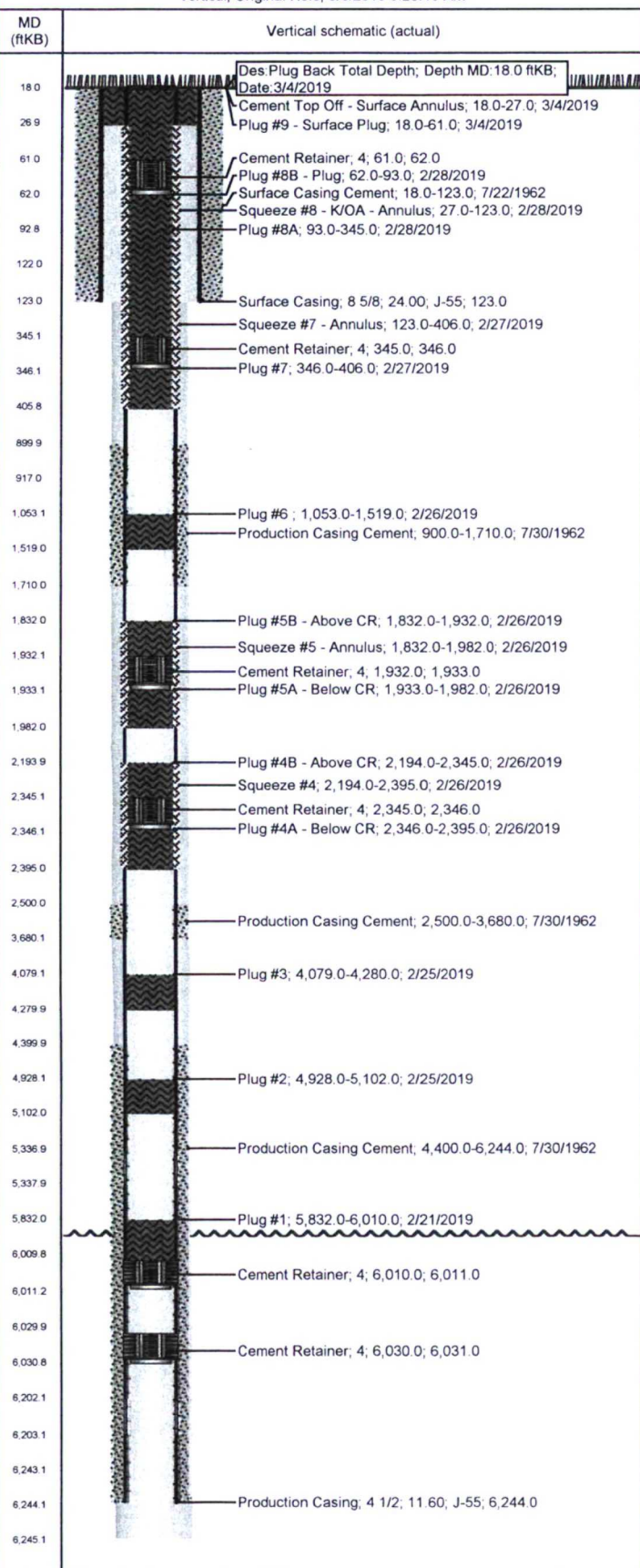
Description	String	Cementing Start Date	Cementing End Date
Cement Sqz #8 - K/OA - Annulus	Production Casing, 6,244.0ftKB	2/28/2019 14:00	2/28/2019 14:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
2	27.0	123.0	50 sx class G cmt

Well Name: Campbell Com 1

Vertical, Original Hole, 3/6/2019 9:28:19 AM



Cement

Cement Plug #8A - K/OA - Plug, Plug, 2/28/2019 12:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #8A - K/OA - Plug	Production Casing, 6,244.0ftKB	2/28/2019 12:30	2/28/2019 13:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	93.0	345.0	20 sx class G cmt

Cement Plug #7 - K/OA - Plug, Plug, 2/27/2019 17:15

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #7 - K/OA - Plug	Production Casing, 6,244.0ftKB	2/27/2019 17:15	2/27/2019 18:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
2	346.0	406.0	4 sx class G cmt

Cement Sqz #7 - K/OA - Annulus, Squeeze, 2/27/2019 17:00

Description	String	Cementing Start Date	Cementing End Date
Cement Sqz #7 - K/OA - Annulus	Production Casing, 6,244.0ftKB	2/27/2019 17:00	2/27/2019 17:15

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	123.0	406.0	56 sx class G cmt

Cement Plug #6 - PC/Frtld, Plug, 2/26/2019 16:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #6 - PC/Frtld	Production Casing, 6,244.0ftKB	2/26/2019 16:30	2/26/2019 17:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	1,053.0	1,519.0	37 sx class G cmt

Cement Plug #5 - Chacra, Plug, 2/26/2019 16:00

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #5 - Chacra	Production Casing, 6,244.0ftKB	2/26/2019 16:00	2/26/2019 16:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
2	1,933.0	1,982.0	4 sx class G cmt
3	1,832.0	1,932.0	8 sx class G cmt

Cement Sqz #5 - Chacra - Annulus, Squeeze, 2/26/2019 15:00

Description	String	Cementing Start Date	Cementing End Date
Cement Sqz #5 - Chacra - Annulus	Production Casing, 6,244.0ftKB	2/26/2019 15:00	2/26/2019 16:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	1,832.0	1,982.0	40 sx class G cmt

Cement Plug #4 - MV - Plug, Plug, 2/26/2019 12:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #4 - MV - Plug	Production Casing, 6,244.0ftKB	2/26/2019 12:30	2/26/2019 13:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
2	2,346.0	2,395.0	4 sx class G cmt
3	2,194.0	2,345.0	12 sx class G cmt

Cement Sqz #4 - MV - Annulus, Squeeze, 2/26/2019 11:00

Description	String	Cementing Start Date	Cementing End Date
Cement Sqz #4 - MV - Annulus	Production Casing, 6,244.0ftKB	2/26/2019 11:00	2/26/2019 12:30

Cement Stages

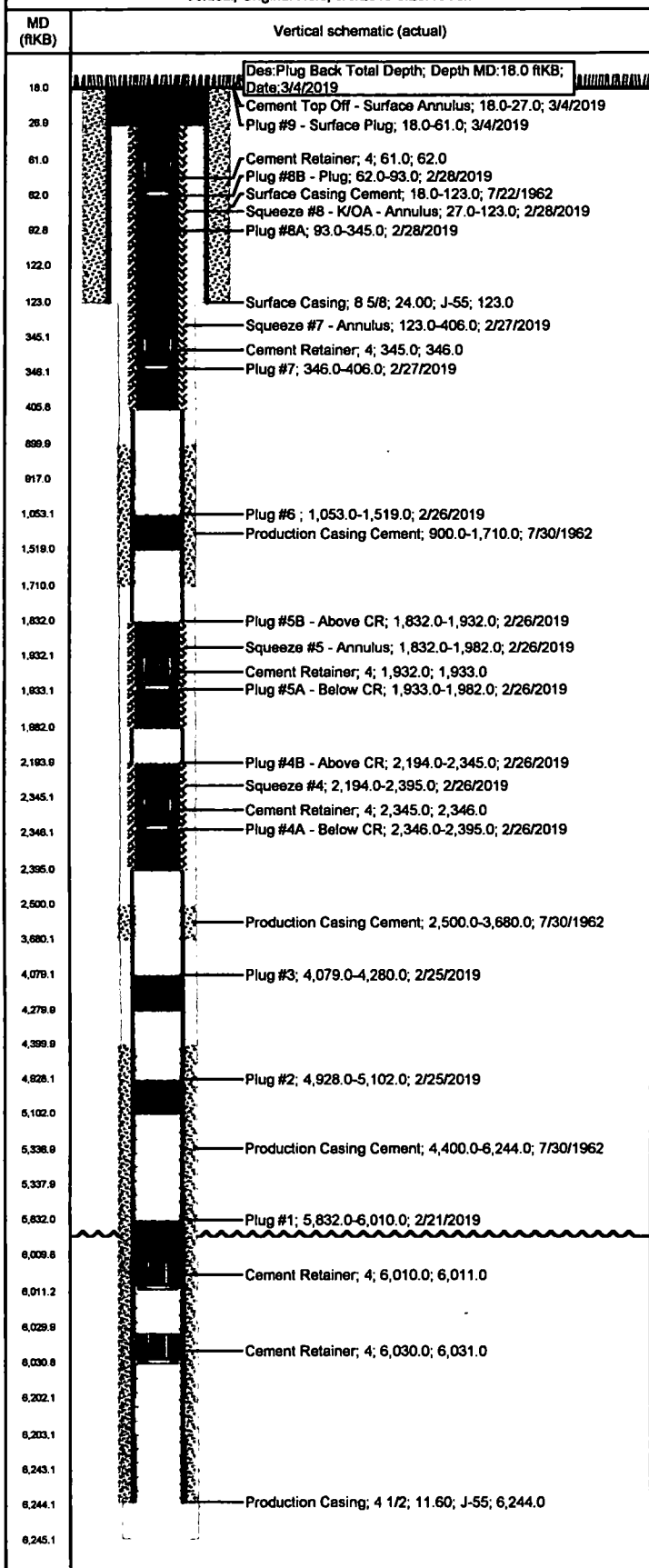
Stg #	Top (ftKB)	Btm (ftKB)	Com
1	2,194.0	2,395.0	40 sx class G cmt

Cement Plug #3 - Mancos, Plug, 2/25/2019 14:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #3 - Mancos	Production Casing, 6,244.0ftKB	2/25/2019 14:30	2/25/2019 16:00

Well Name: Campbell Com 1

Vertical, Original Hole, 3/6/2019 9:28:19 AM



Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,079.0	4,280.0	M&P 16 sx class G cmt from 4280' to 4079'

Cement Plug #2 - Gallup, Plug, 2/25/2019 09:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #2 - Gallup	Production Casing, 6,244.0ftKB	2/25/2019 09:30	2/25/2019 12:30

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,928.0	5,102.0	M&P 16 sx class G cmt w/ 2% CaCl

Cement Plug #1 - Dakota, Plug, 2/21/2019 14:30

Description	String	Cementing Start Date	Cementing End Date
Cement Plug #1 - Dakota	Production Casing, 6,244.0ftKB	2/21/2019 14:30	2/21/2019 17:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,832.0	6,010.0	M&P 16 sx Class G cmt from 6010' to 5809'

Production Cement, Casing, 7/30/1962 14:00

Description	String	Cementing Start Date	Cementing End Date
Production Cement	Production Casing, 6,244.0ftKB	7/30/1962 14:00	7/30/1962 20:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,400.0	6,244.0	Stage 1 - 675 sx 50/50 Pozmix, 150 sx reg 4% gel
2	2,500.0	3,680.0	Stage 2 - 390 sx 50/50 Pozmix 8% gel. Cement circulated
3	900.0	1,710.0	CBL ran 2/21/2019 found cement gap from 2500'-1700'

Surface Cement, Casing, 7/22/1962 14:00

Description	String	Cementing Start Date	Cementing End Date
Surface Cement	Surface Casing, 123.0ftKB	7/22/1962 14:00	7/22/1962 15:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	18.0	123.0	100 sx neat cmt - 3% CaCl2 cmt circulated

Casing Strings

Production Casing, 6,244.0ftKB

Casing Description	Set Depth...	Depth C...
Production Casing	6,244.0	

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints		4 1/2	4.00	11.60	J-55	899.00
Casing Joints		4 1/2	4.09	9.50	J-55	4,420.00
Stage Tool		4 1/2	4.09	9.50	J-55	1.00
Casing Joints		4 1/2	4.09	9.50	J-55	864.00
Float Collar		4 1/2	4.09	9.50	J-55	1.00
Casing Joints		4 1/2	4.09	9.50	J-55	40.00
Float Shoe		4 1/2	4.09	9.50	J-55	1.00

Surface Casing, 123.0ftKB

Casing Description	Set Depth...	Depth C...
Surface Casing	123.0	

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	3	8 5/8	8.10	24.00	J-55	104.00
Float Shoe		8 5/8	8.10	24.00	J-55	1.00

Wellbores

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Production Hole	6 1/2	123.0	6,245.0
Surface Hole	12 1/4	18.0	123.0