

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.5. Lease Serial No.
NMSF078360

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM1328298. Well Name and No.
NE CHACO COM 903H9. API Well No.
30-039-31214-00-S110. Field and Pool or Exploratory Area
CHACO UNIT NE HZ

11. County or Parish, State

RIO ARRIBA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ENDURING RESOURCES LLC

Contact: HEATHER HUNTINGTON

E-Mail: hhuntington@enduringresources.com

3a. Address

1050 17TH STREET SUITE 2500
DENVER, CO 80265

3b. Phone No. (include area code)

Ph: 505-636-9751

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 13 T23N R7W NWNW 1186FNL 474FWL

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	Workover Operations
	☐ 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 recompleat 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 recompleat 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.

Enduring Resources performed a workover to modify the gas-lift completion. An updated schematic is attached.

Job Start: 10/08/2020

Job End: 10/09/2020

EOT: 5,857? MD

Packer: 5,685? MD

GLVs: 1

NMOCD REC'D
11-20-20

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #534317 verified by the BLM Well Information System
For ENDURING RESOURCES LLC, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 11/12/2020 (21JK0019SE)

Name (Printed/Typed) HEATHER HUNTINGTON

Title PERMITTING TECHNICIAN

Signature (Electronic Submission)

Date 10/16/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JOE KILLINS
ENGINEER

Date 11/12/2020

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 Farmington

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)

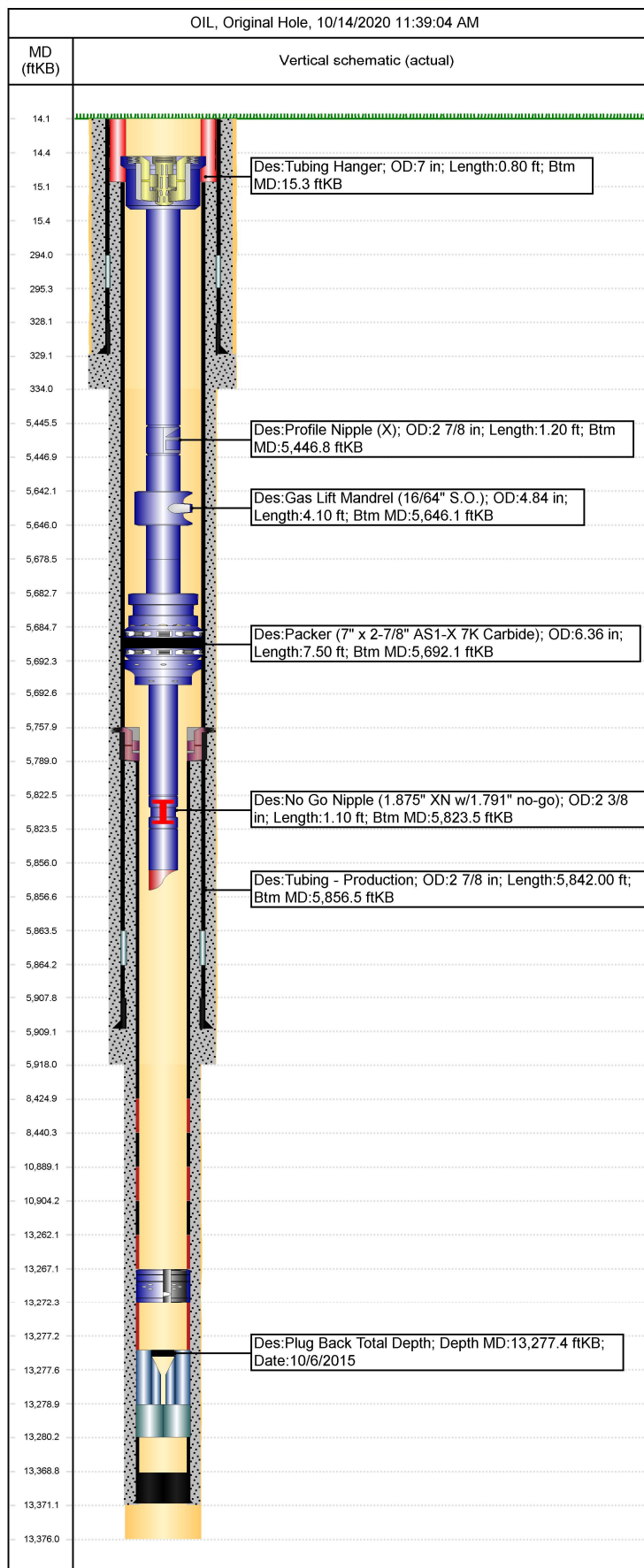
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #534317

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	WRK SR	WRK SR
Lease:	NMSF078360	NMSF078360
Agreement:	NMNM132829	NMNM132829 (NMNM132829)
Operator:	ENDURING RESOURCES 200 ENERGY COURT FARMINGTON, NM 87401 Ph: 505-636-9751	ENDURING RESOURCES LLC 1050 17TH STREET SUITE 2500 DENVER, CO 80265 Ph: 3035731222
Admin Contact:	HEATHER HUNTINGTON PERMITTING TECHNICIAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751	HEATHER HUNTINGTON PERMITTING TECHNICIAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751
Tech Contact:	HEATHER HUNTINGTON PERMITTING TECHNICIAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751	HEATHER HUNTINGTON PERMITTING TECHNICIAN E-Mail: hhuntington@enduringresources.com Ph: 505-636-9751
Location: State: County:	NM RIO ARRIBA	NM RIO ARRIBA
Field/Pool:	CHACO UNIT NE HZ OIL	CHACO UNIT NE HZ
Well/Facility:	NE CHACO COM 903H Sec 13 T23N R7W 1186FNL 474FWL	NE CHACO COM 903H Sec 13 T23N R7W NWNW 1186FNL 474FWL

WellView®**Enduring Resources IV - Production WBD****Well Name: NE CHACO COM 903H**

API/UWI 30-039-31214	Surface Legal Location NE CHACO COM 903H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 7,028.00	KB-Tubing Head Distance (ft)	Spud Date 9/24/2015 22:00	Rig Release Date 10/5/2015 00:00	PBTD (All) (ftKB) Original Hole - 13,277.4	Total Depth All (TVD) (ftKB) Original Hole - 5,371.2



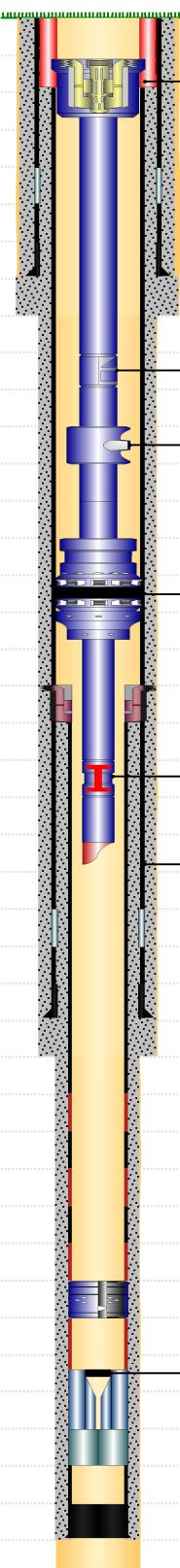
Wellbore Sections								
Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 14.0	Act Top (T...) 14.0	Act Btm (ft...) 334.0	Act Btm (T...) 334.0			
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 334.0	Act Top (T...) 334.0	Act Btm (ft...) 5,918.0	Act Btm (T...) 5,372.8			
Section Description PRODUCTION	Size (in) 6 1/8	Act Top (ft...) 5,918.0	Act Top (T...) 5,372.8	Act Btm (ft...) 13,376.0	Act Btm (T...) 5,371.2			
Rod Strings								
Rod Description	Run Date		String Length (ft)		Set Depth (ftKB)			
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)			
Tubing - Production set at 5,856.5ftKB on 10/9/2020 12:00								
Tubing Description Tubing - Production	Run Date 10/9/2020		String Length (ft) 5,842.00		Set Depth (ftKB) 5,856.5			
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			7	2.44	0.80	14.5	15.3
Tubing	167	J-55	6.50	2 7/8	2.44	5,430.31	15.3	5,445.6
Profile Nipple (X)	1			2 7/8	2.31	1.20	5,445.6	5,446.8
Tubing	6	J-55	6.50	2 7/8	2.44	195.17	5,446.8	5,642.0
Gas Lift Mandrel (16/64" S.O.)	1			4.835	2.44	4.10	5,642.0	5,646.1
Tubing	1	J-55	6.50	2 7/8	2.44	32.50	5,646.1	5,678.6
Tubing (4' pup)	1	J-55	6.50	2 7/8	2.44	4.20	5,678.6	5,682.8
On-Off Tool w/profile nipple (F)	1			5.85	2.25	1.82	5,682.8	5,684.6
Packer (7" x 2 -7/8" AS1-X 7K Carbide)	1			6.36	2.44	7.50	5,684.6	5,692.1
Cross Over (2 -7/8" x 2-3/8")	1			6.36	2.00	0.40	5,692.1	5,692.5
Tubing	4	J-55	4.70	2 3/8	2.00	129.90	5,692.5	5,822.4
No Go Nipple (1.875" XN w/1.791" no-go)	1			2 3/8	1.79	1.10	5,822.4	5,823.5
Tubing	1	J-55	4.70	2 3/8	2.00	32.60	5,823.5	5,856.1
Mule Shoe (pinned)	1			2 3/8	0.50	0.40	5,856.1	5,856.5
SURFACE CASING, 329.0ftKB								
OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C		Top (ftKB) 14.0		Set Depth (ftKB) 329.0	
Item Des	Jts	Len (ft)		Top (ftKB)		Btm (ftKB)		
Casing Joints	10	279.82		14.0		293.8		
Float Collar	1	1.50		293.8		295.3		
Casing Joints	1	32.80		295.3		328.1		
Float Shoe	1	0.88		328.1		329.0		
INTERMEDIATE CASING, 5,909.0ftKB								
OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection LT&C		Top (ftKB) 14.0		Set Depth (ftKB) 5,909.0	
Item Des	Jts	Len (ft)		Top (ftKB)		Btm (ftKB)		
Casing Hanger	1	1.00		14.0		15.0		
Casing Joints	135	5,848.45		15.0		5,863.4		
Float Collar	1	0.88		5,863.4		5,864.3		
Casing Joints	1	43.45		5,864.3		5,907.8		
Float Shoe	1	1.23		5,907.8		5,909.0		
PRODUCTION LINER #1, 13,371.0ftKB								
OD (in) 4 1/2	Wt/Len (lb/ft) 11.60	String Grade P-110	Top Connection 8RD		Top (ftKB) 5,757.8		Set Depth (ftKB) 13,371.0	
Item Des	Jts	Len (ft)		Top (ftKB)		Btm (ftKB)		
Liner Hanger	1	31.23		5,757.8		5,789.1		



Enduring Resources IV - Production WBD

Well Name: NE CHACO COM 903H

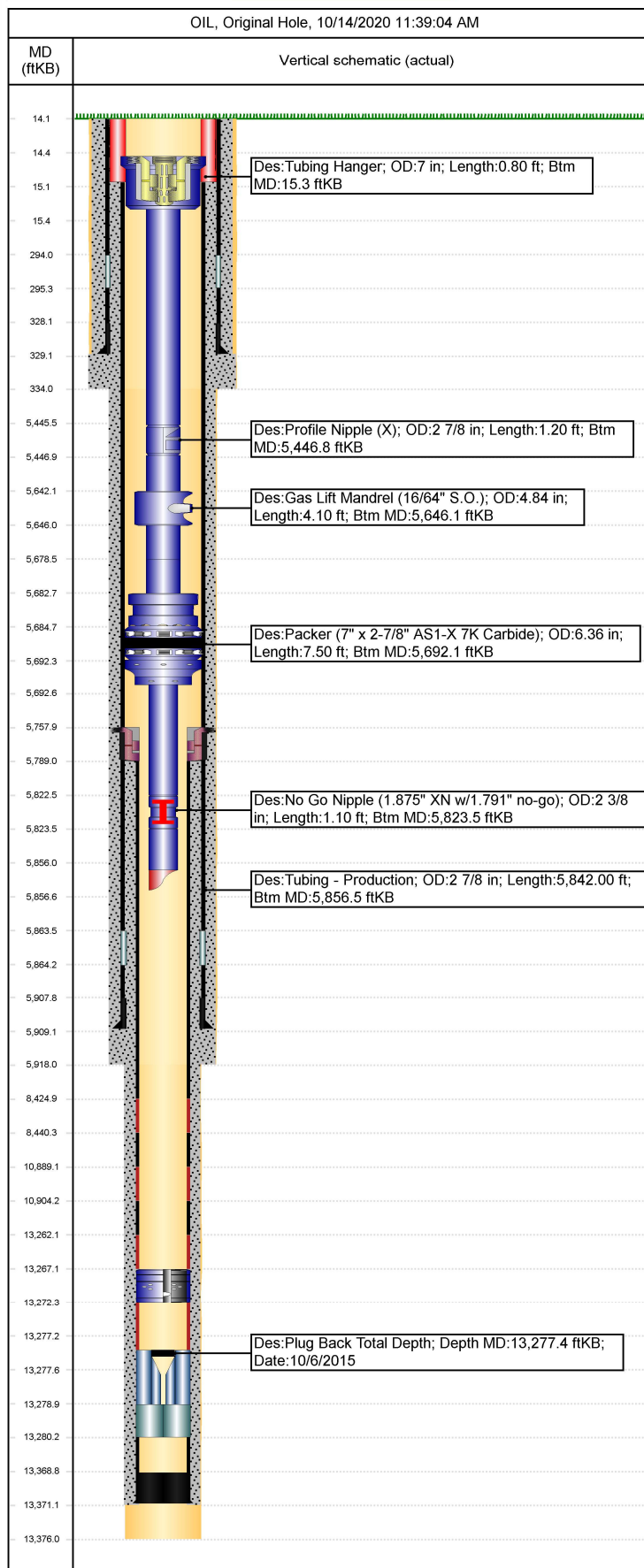
API/UWI 30-039-31214	Surface Legal Location NE CHACO COM 903H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 7,028.00	KB-Tubing Head Distance (ft)	Spud Date 9/24/2015 22:00	Rig Release Date 10/5/2015 00:00	PBTD (All) (ftKB) Original Hole - 13,277.4	Total Depth All (TVD) (ftKB) Original Hole - 5,371.2

OIL, Original Hole, 10/14/2020 11:39:07 AM					
MD (ftKB)	Vertical schematic (actual)				
14.1					
14.4					
15.1					
15.4					
294.0					
295.3					
328.1					
329.1					
334.0					
5,445.5					
5,446.9					
5,642.1					
5,646.0					
5,678.5					
5,682.7					
5,684.7					
5,692.3					
5,692.6					
5,757.9					
5,789.0					
5,822.5					
5,823.5					
5,856.0					
5,856.6					
5,863.5					
5,864.2					
5,907.8					
5,909.1					
5,918.0					
8,424.9					
8,440.3					
10,889.1					
10,904.2					
13,262.1					
13,267.1					
13,272.3					
13,277.2					
13,277.6					
13,278.9					
13,280.2					
13,368.8					
13,371.1					
13,376.0					

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	60	2,635.97	5,789.1	8,425.0
Casing Pup Joint	1	15.19	8,425.0	8,440.2
Casing Joints	55	2,449.04	8,440.2	10,889.3
Casing Pup Joint	1	15.03	10,889.3	10,904.3
Casing Joints	53	2,357.77	10,904.3	13,262.1
Casing Pup Joint	1	5.10	13,262.1	13,267.2
Frac Sleeve	1	5.10	13,267.2	13,272.3
Casing Pup Joint	1	5.10	13,272.3	13,277.4
Landing Collar	1	1.58	13,277.4	13,278.9
Float Collar	1	1.26	13,278.9	13,280.2
Casing Joints	2	88.66	13,280.2	13,368.9
Float Shoe	1	2.14	13,368.9	13,371.0
Cement				
Description	Cementing Start Date	Cementing End Date		
SURFACE CASING	7/22/2015	7/22/2015		
Comment				
Pumped 10bbbls FW spacer, dumped 28.9bbbls (101sx) Type I-II w/ 20% fly-ash @ 14.5PPG into casing, dropped plug & displaced w/ 23bbbls H2O, bumped plug @ 375psi, circulated 10bbbls of good cmt to surface.				
Description	Cementing Start Date	Cementing End Date		
INTERMEDIATE CASING	9/29/2015	9/29/2015		
Comment				
Halliburton to pump 10bbbls of mud flush, 40bbbls of chemical wash, Lead Scavenger 52sx (20bbl,112cf Slurry) 11.5ppg, yield 2.15, Mix ratio 12.09, Lead Slurry 785sx (204 bbl, 1146cf Slurry) of (foamed lead cement) Elastiseal, with 0.2% versaset (55lbs/sk), .15% Halad-766 (55lbs/sk), 1.5% chem-foamer 760 (tote tank), 0.2% Halad @-344 (50lb), 7.01gal fresh water, 13ppg, yield 1.46, Tail Slurry 100sks (23.5bbl, 130cf Slurry) of Halcem Cement, 0.2% versaset (55lb/sk), 0.15% Halad-766 (55lb/sk), 5.87gal fresh water, 13.5ppg, yield 1.3 Displace with 20bbbls of fresh water, 180bbbls mud, 30.6bbbls fresh water Total displacement 230.6bbbls Final Circulating pressure 1100 psi @ 1bbl per miN. Bump Plug to 1980 psi Plug Down @ 17:16hrs 9/29/2015 Floats held, Cement to Surface - 40bbbls Pump Cap cement, 200sx (43bbl, 236cf slurry) of "G" cement, 15.8ppg, yield 1.18, Mix ratio 5.25				
Description	Cementing Start Date	Cementing End Date		
PRODUCTION LINER	10/6/2015	10/6/2015		
#1				
Comment				
Halliburton to pump 10bbbls of fresh water, 40bbbls of Tuned Spacer III,10.5ppg, yield 6.14, mix ratio 41.1, 10bbbls of fresh water, Tail Cement 755sx (182.7bbl , 1027cf slurry) of ExtendaCem, 13.3ppg, yield 1.36, Mix ratio 6.0, Displace with 40bbbls of MMCR, 60bbbls of 2% KCL water, 30bbbls of fresh water. Total displacement 167.2bbbls Final Circulating Pressure 2555psi@ 2bbbls/min Bumped Plug to 3690psi				
Plug Down @ 13:46hrs 10/06/2015 Floats held Sting out of liner top & Circulate with 2% KCL water Cement to Surface - 40bbbls				

WellView®**Enduring Resources IV - Production WBD****NMOCD RECD****11/20/20****Well Name: NE CHACO COM 903H**

API/UWI 30-039-31214	Surface Legal Location NE CHACO COM 903H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 7,028.00	KB-Tubing Head Distance (ft)	Spud Date 9/24/2015 22:00	Rig Release Date 10/5/2015 00:00	PBTD (All) (ftKB) Original Hole - 13,277.4	Total Depth All (TVD) (ftKB) Original Hole - 5,371.2



Wellbore Sections								
Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 14.0	Act Top (T...) 14.0	Act Btm (ft...) 334.0	Act Btm (T...) 334.0			
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 334.0	Act Top (T...) 334.0	Act Btm (ft...) 5,918.0	Act Btm (T...) 5,372.8			
Section Description PRODUCTION	Size (in) 6 1/8	Act Top (ft...) 5,918.0	Act Top (T...) 5,372.8	Act Btm (ft...) 13,376.0	Act Btm (T...) 5,371.2			
Rod Strings								
Rod Description	Run Date		String Length (ft)		Set Depth (ftKB)			
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)			
Tubing - Production set at 5,856.5ftKB on 10/9/2020 12:00								
Tubing Description Tubing - Production	Run Date 10/9/2020		String Length (ft) 5,842.00		Set Depth (ftKB) 5,856.5			
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1			7	2.44	0.80	14.5	15.3
Tubing	167	J-55	6.50	2 7/8	2.44	5,430.31	15.3	5,445.6
Profile Nipple (X)	1			2 7/8	2.31	1.20	5,445.6	5,446.8
Tubing	6	J-55	6.50	2 7/8	2.44	195.17	5,446.8	5,642.0
Gas Lift Mandrel (16/64" S.O.)	1			4.835	2.44	4.10	5,642.0	5,646.1
Tubing	1	J-55	6.50	2 7/8	2.44	32.50	5,646.1	5,678.6
Tubing (4' pup)	1	J-55	6.50	2 7/8	2.44	4.20	5,678.6	5,682.8
On-Off Tool w/profile nipple (F)	1			5.85	2.25	1.82	5,682.8	5,684.6
Packer (7" x 2 -7/8" AS1-X 7K Carbide)	1			6.36	2.44	7.50	5,684.6	5,692.1
Cross Over (2 -7/8" x 2-3/8")	1			6.36	2.00	0.40	5,692.1	5,692.5
Tubing	4	J-55	4.70	2 3/8	2.00	129.90	5,692.5	5,822.4
No Go Nipple (1.875" XN w/1.791" no-go)	1			2 3/8	1.79	1.10	5,822.4	5,823.5
Tubing	1	J-55	4.70	2 3/8	2.00	32.60	5,823.5	5,856.1
Mule Shoe (pinned)	1			2 3/8	0.50	0.40	5,856.1	5,856.5
SURFACE CASING, 329.0ftKB								
OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C		Top (ftKB) 14.0		Set Depth (ftKB) 329.0	
Item Des	Jts	Len (ft)		Top (ftKB)		Btm (ftKB)		
Casing Joints	10	279.82		14.0		293.8		
Float Collar	1	1.50		293.8		295.3		
Casing Joints	1	32.80		295.3		328.1		
Float Shoe	1	0.88		328.1		329.0		
INTERMEDIATE CASING, 5,909.0ftKB								
OD (in) 7	Wt/Len (lb/ft) 23.00	String Grade J-55	Top Connection LT&C		Top (ftKB) 14.0		Set Depth (ftKB) 5,909.0	
Item Des	Jts	Len (ft)		Top (ftKB)		Btm (ftKB)		
Casing Hanger	1	1.00		14.0		15.0		
Casing Joints	135	5,848.45		15.0		5,863.4		
Float Collar	1	0.88		5,863.4		5,864.3		
Casing Joints	1	43.45		5,864.3		5,907.8		
Float Shoe	1	1.23		5,907.8		5,909.0		
PRODUCTION LINER #1, 13,371.0ftKB								
OD (in) 4 1/2	Wt/Len (lb/ft) 11.60	String Grade P-110	Top Connection 8RD		Top (ftKB) 5,757.8		Set Depth (ftKB) 13,371.0	
Item Des	Jts	Len (ft)		Top (ftKB)		Btm (ftKB)		
Liner Hanger	1	31.23		5,757.8		5,789.1		

Enduring Resources IV - Production WBD

API/UWI 30-039-31214	Surface Legal Location NE CHACO COM 903H	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type OIL
Original KB Elevation (ft) 7,028.00	KB-Tubing Head Distance (ft)	Spud Date 9/24/2015 22:00	Rig Release Date 10/5/2015 00:00	PBTD (All) (ftKB) Original Hole - 13,277.4	Total Depth All (TVD) (ftKB) Original Hole - 5,371.2

OIL, Original Hole, 10/14/2020 11:39:07 AM

MD (ftKB)

Vertical schematic (actual)

Des:Tubing Hanger; OD:7 in; Length:0.80 ft; Btm MD:15.3 ftKB

Des:Profile Nipple (X); OD:2 7/8 in; Length:1.20 ft; Btm MD:5,446.8 ftKB

Des:Gas Lift Mandrel (16/64" S.O.); OD:4.84 in; Length:4.10 ft; Btm MD:5,646.1 ftKB

Des:Packer (7" x 2-7/8" AS1-X 7K Carbide); OD:6.36 in; Length:7.50 ft; Btm MD:5,692.1 ftKB

Des:No Go Nipple (1.875" XN w/1.791" no-go); OD:2 3/8 in; Length:1.10 ft; Btm MD:5,823.5 ftKB

Des:Tubing - Production; OD:2 7/8 in; Length:5,842.00 ft; Btm MD:5,856.5 ftKB

Des:Plug Back Total Depth; Depth MD:13,277.4 ftKB; Date:10/6/2015

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	60	2,635.97	5,789.1	8,425.0
Casing Pup Joint	1	15.19	8,425.0	8,440.2
Casing Joints	55	2,449.04	8,440.2	10,889.3
Casing Pup Joint	1	15.03	10,889.3	10,904.3
Casing Joints	53	2,357.77	10,904.3	13,262.1
Casing Pup Joint	1	5.10	13,262.1	13,267.2
Frac Sleeve	1	5.10	13,267.2	13,272.3
Casing Pup Joint	1	5.10	13,272.3	13,277.4
Landing Collar	1	1.58	13,277.4	13,278.9
Float Collar	1	1.26	13,278.9	13,280.2
Casing Joints	2	88.66	13,280.2	13,368.9
Float Shoe	1	2.14	13,368.9	13,371.0

Cement

Description	Cementing Start Date	Cementing End Date
SURFACE CASING	7/22/2015	7/22/2015

Comment

Pumped 10bbbs FW spacer, dumped 28.9bbbs (101sx) Type I-II w/ 20% fly-ash @ 14.5PPG into casing, dropped plug & displaced w/ 23bbbs H2O, bumped plug @ 375psi, circulated 10bbbs of good cmt to surface.

Description	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING	9/29/2015	9/29/2015

Comment

Halliburton to pump 10bbbs of mud flush, 40bbbs of chemical wash, Lead Scavenger 52sx (20bbl, 112cf Slurry) 11.5ppg, yield 2.15, Mix ratio 12.09, Lead Slurry 785sx (204 bbl, 1146cf Slurry) of (foamed lead cement) Elastiseal, with 0.2% versaset (55lbs/sk), .15% Halad-766 (55lbs/sk), 1.5% chem-foamer 760 (tote tank), 0.2% Halad @-344 (50lb), 7.01gal fresh water, 13ppg, yield 1.46, Tail Slurry 100sks (23.5bbl, 130cf Slurry) of Halcem Cement, 0.2% versaset (55lb/sk), 0.15% Halad-766 (55lb/sk), 5.87gal fresh water, 13.5ppg, yield 1.3 Displace with 20bbbs of fresh water, 180bbbs mud, 30.6bbbs fresh water Total displacement 230.6bbbs Final Circulating pressure 1100 psi @ 1bbl per miN. Bump Plug to 1980 psi Plug Down @ 17:16hrs 9/29/2015 Floats held, Cement to Surface - 40bbbs Pump Cap cement, 200sx (43bbl, 236cf slurry) of "G" cement, 15.8ppg, yield 1.18, Mix ratio 5.25

Description	Cementing Start Date	Cementing End Date
PRODUCTION LINER #1	10/6/2015	10/6/2015

Comment

Halliburton to pump 10bbbs of fresh water, 40bbbs of Tuned Spacer III, 10.5ppg, yield 6.14, mix ratio 41.1, 10bbbs of fresh water, Tail Cement 755sx (182.7bbl, 1027cf slurry) of ExtendaCem, 13.3ppg, yield 1.36, Mix ratio 6.0, Displace with 40bbbs of MCCR, 60bbbs of 2% KCL water, 30bbbs of fresh water. Total displacement 167.2bbbs Final Circulating Pressure 2555psi@ 2bbbs/min Bumped Plug to 3690psi Plug Down @ 13:46hrs 10/06/2015 Floats held Sting out of liner top & Circulate with 2% KCL water Cement to Surface - 40bbbs

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
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District III
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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 18479

CONDITIONS OF APPROVAL

Operator:	ENDURING RESOURCES, LLC	1050 17TH STREET, SUITE 2500	DENVER, CO80265	OGRID:	372286	Action Number:	18479	Action Type:	C-103R
OCD Reviewer	Condition								
mkuehling	None								