# RECEIVED

Form 3160-5 (June 2015)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

JUL 2 9 2019

FORM APPROVED

OMB	No.	100	4-0	137
Expires:	Jan	uary	31,	201

5. Lease Serial No. BUREAU OF LAND MANAGEMENT 

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2				7. If Unit of CA/Agreement, Name and/or No. NMNM135218A			
Type of Well	Gas Well Other			8. Well Name and No. W Escavada Unit 302H			
2. Name of Operator Enduring Resources Iv LLC				9. API Well No. 30-043-21305			
3a. Address 200 Energy Court Farmington NM 8	3b. Phone No. (include a 505-636-9743		le)	10. Field and Pool or Exploratory Area Escavada W; Mancos			
4. Location of Well (Footage, Sec., 7 SHL: 235' FSL & 208' FEL, Sec 17, T BHL: 2269' FSL & 797' FEL, Sec 7 T	22N, R7W	n)		11. Country or Parish, Sta Sandoval, NM	te		
12. C	HECK THE APPROPRIATE	BOX(ES) TO INDICATE NATURE	E OF NOTIC	CE, REPORT OR OTHER	DATA		
TYPE OF SUBMISSION	TYPE OF ACTION						
□Notice of Intent	Acidize	Deepen	☐Production(Start/Resume)		☐Water ShutOff		
	□Alter Casing □Hydraulic Fracturing □	Recla	amation	☐Well In	ntegrity		
Subsequent Report  ■ Control of the Control of t	Casing Repair	☐ New Construction	Reco	Recomplete		Pull Coil	
Final Abandonment Notice	Change Plans	☐ Plug and Abandon	Tem	porarily Abandon	Tubing/Leave fish	Tubing/Leave fish	
3 P	Convert to Injection	□Plug Back	☐Water Disposal				
directionally or recomplete horizontal provide the Bond No. on file with BL	ly, give subsurface locations and n M/BIA. Required subsequent repo interval, a Form 3160-4 must be f	etails, including estimated starting date of neasured and true vertical depths of all pe orts must be filed within 30 days followin iled once testing has been completed. Fir the site	ertinent marker ng completion	rs and zones. Attach the Bond of the involved operations. If	under which the v	vork will be perfonned outs in a multiple	

is ready for final inspection.)

6/28/19- MIRU

6/29/19- Test BOP- good Start to circulate.

6/30/19- thru 7/7/19 TIH and begin to pull coil tubing.

7/8/19- Decision to abandon fish in hole, pushed to bottom 13256'-13276'.

7/9/19-Landed @ 5181' w 166 jnts, 2-7/8", 6.5# L-80. Packer set @ 5171', 6-GLV. **RDMO** 

NMOCD

SEP 1 0 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name ( <i>Printed/Typed</i> )					
Lacey Granillo	Title: Permitting Specialist				
Signature	Date: 7/26/19				
THE SPACE FOR FEDER	RAL OR STAT	E OFICE USE			
Approved by		ACCEPTED FOR RECORD			
	Title	Date			
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.		SEP 0 9 2019  FARMINGTON FIELD OFFICE			

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.



NMOCD SEP 1 0 2019 DISTRICT III

# W Escavada Unit #302H API#:30-043-21305

235' FSL BHL:

Lat: 36.132769

2269' FSL

797' FEL

Long: -107.589962

728 894 1225

1463 1612

2778 2801 3778

3981 4260

208' FEL

17 1/2" Hole

12 1/4" Hole

1585

3815

8 1/2" Hole

Sec: 17 Twnshp: 22N Sec: 7 Twnshp: 22N

Rge: 7W Rge: 7W

Spud Date: 7/6/2018 Completion Date: 10/23/18

Fish: 7/9/19

Created By: tjoyce 10/24/18 Modified By: Igranillo 10/25/18 Modified By: Igranillo 4/5/19 Modified By: Igranillo 7/24/19

Escavada Mancos W County: Sandoval NM Elevation: 6878'

### **Current Wellbore**

13 3/8" Surface 6jnts 54.5# J-55 BTC @ 254' Cmt 320/ x sx type G Lead @15.8 ppg. Dropped plug & disp w/32.2 bbls H2O, bumpb plug, circ 28 bbls cmt to surface.

9-5/8" Intermediate 68 jnts 36# LT&C to 2,920'. Cemented w/ 610 sx Lead, 180 sx Tail. Circulated 75 bbls cmt to surface. BURST = 3950 psi.

5-1/2"Production, 328 jnts 17# P-110 to 13,624' (LT&C). PBTD = 13,494'. Cemented Pumped 60 bbls turned spacer @ 11.5#, dropped bottom plug, 55 sks (1.91 yield 9.99 wrq = 223 bbl cmt @ 12.4#), 1775 sks (1.36 yeild wrq =430 bbl cmnt @ 13.3#), dropped plugs, circulated 74 bbl cmnt back to surface.

## 44 Stage Completion (10/4/2018-10/11/18):

Perfs: 5,514' - 13,373' .37"-.42" EHD perfs (1540 holes) Effective Lateral: 7,859' Perf Spacing: 23.25' Ft/Stg: 180 ft/stg Total Fluid: 7,167,699 gal Fluid/stg: 162,902.25 gal/stg

RCS: 1,099,980 lbs Total Prop: 14,499,880 lbs # Sand/Effect Ft: 1,845 lbs/ft

### BHA Detail: (7/9/19)

Landed @ 5181' w 166 jnts, 2-7/8", 6.5# L-80. Packer set @ 5171', 6-GLV. Left fish in hole: 13256'-13276'

Directional Data:

40° @ ~4,897'

50° @ ~4,991'

60° @ ~ 5,070'/ 4,738' TVD

70° @ ~5,149'

80° @~ 5,274'

90° @ ~ 5,654'/ 4808' TVD

KOP~ 2,958'

Perf'd @ 5514'-13373' , 0.35" & .42" diameter w/ 1538 total holes. Frac'd @ 5514'-13373' w/ 44 stages of 20/40 & 30/50 sand of 14,499,880# total.

PBTD: 13.256' TD: 13.638 MD TVD: 4,857.07'