

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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. N00C14205594
2. Name of Operator ENDURING RESOURCES LLC		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
Contact: LACEY GRANILLO E-Mail: lgranillo@enduringresources.com		7. If Unit or CA/Agreement, Name and/or No. NMNM135217A
3a. Address 1050 17TH STREET SUITE 2500 DENVER, CO 80265	3b. Phone No. (include area code) Ph: 505-636-9743	8. Well Name and No. N ESCAVADA UT 330H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T22N R7W NWSW 1587FSL 231FWL 36.151188 N Lat, 107.570518 W Lon		9. API Well No. 30-043-21299-00-S1
		10. Field and Pool or Exploratory Area BASIN MANCOS
		11. County or Parish, State SANDOVAL COUNTY, NM

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 type="checkbox"/> Plug and Abandon	<input checked="" 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 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.

MIT/TA

Enduring Resources is requesting approval to perform a MIT in order to place this well in TA status per below procedure and attached wellbore:

Note: This well was fraced and production tubing landed on 1/19/19 but has never produced due to a fish down hole.

Brandon Powell (NMOCD) gave until 8/29/19 to submit a plan and receive approval.

MIT PROCEDURE

NMOCD

AUG 22 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #477209 verified by the BLM Well Information System For ENDURING RESOURCES LLC, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 08/20/2019 (19JK0141SE)	
Name (Printed/Typed) LACEY GRANILLO	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 08/08/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JOE KILLINS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>08/20/2019</u>
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 <u>Farmington</u>

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 ****

AV NMOCD

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Additional data for EC transaction #477209 that would not fit on the form

32. Additional remarks, continued

Enduring will contact NMOCD & BLM to schedule a witnessed test if desired per below procedure. Comply with all County, State, BLM, and Enduring Resources HES regulations. Meet with Lease Operator. Complete ownership transfer form. Ensure all LO/TO is completed on well.

MIRU Phoenix Services. Conduct daily safety meeting with all personnel on location. Discuss all potential hazards associated with daily activities, TIF, job awareness, weather conditions, slips-trips-falls, pinch points and job safety. Uncover all casing valves. Check pressure on all casing and tubing strings (including braden head). Record tubing and casing pressures every day on report.

Bleed down well to Blow down tank/Monitor.

R/U S/L Equipment w/ 2.313? X plug

RIH with GR and tag 2.313? X nipple with GR to verify Tbg is clear. POOH with GR and set tools up to run 2.313? X Plug.

RIH with 2.313? X plug and set in 2.313 X profile nipple at 5,039. Set Plug, Shear off setting tool and POOH with SL tools.

Load Tbg and wellbore with 2 % KCL/Pkr fluid.

Rig up High Tech Test unit /Chart and test Casing to 500 psi for 30 minutes (Note Test will be charted for a minimum of 30 minutes)

Once test is completed and charted for minimum of 30 minutes bleed down pressure from Tbg and casing.

RIH with SL tools and release 2.313? X plug from X nipple. POOH with Plug.

RD SL Unit and MOL.

Notify production personal in field office and contact pumper that job is complete.

Complete Ownership Transfer Form.

RDMO. ENSURE LOCATION IS CLEAN.



Date: 4/24/2019
 Company: Enduring Resources
 Lease: North Escavada
 Well No.: 330H
 Field: Gallup



EPIC Rep.
 Daniel Medina
 Cell: 970-443-4472

Tubing:	Casing:	Liner:	Packer:
Size: 2.875	Size: 7"	O.D.: 7	Type: 7" AS1X 17-26# 7K Packer
Grade: L-80	Weight: 17#	I.D.: 6.538	Depth: 5047.05
No. Joints: 160	Grade: P-110	Top: Surface	Wt. on PKR: 15K In Tension
	Perfs: 4934' TVD		
Design Info.	Gas Pressure:	Fluid:	Valves
Fluid Prod. 500	K.O. 1000	% H2O: 75%	Size / Port: 1.5" with 12/64" ports
Static B.H.P. 1000	Operating: 1000	Fluid Grad.: 0.465	Operation: IPO GLV
P.I.	Gravity: 0.85		Checks: 1.5"
W.H.B.P. 125			Mandrel: CM-2 L-80 EP-2 Coating

Joints:	Spacing:	Depth:	I.D:	O.D.	PTRO:	PSO:	PSC:	Misc Data:
KB	21.00	21.00						Elevation
Hanger	0.50	21.50						Tubing Hanger
55	1757.33	1778.83	2.441	2.875				2-7/8 L80 tubing
GLV # 4	4.10	1782.93	2.441	4.835	980	1002	979	Gas Lift Valve
44	1355.31	3138.24	2.441	2.875				2-7/8" L-80 Tubing
GLV # 3	4.10	3142.34	2.441	4.835	960	973	956	Gas Lift Valve
34	1047.36	4189.70	2.441	2.875				2-7/8" L-80 Tubing
GLV # 2	4.10	4193.80	2.441	4.835	950	952	939	Gas Lift Valve
25	775.94	4969.74	2.441	2.875				2-7/8" L-80 Tubing
X Nipple	0.86	4970.60	2.313	3.68				2.313"-X Nipple
1	32.51	5003.11	2.441	2.875				2-7/8" L-80 Tubing
GLV # 1	4.10	5007.21	2.441	4.835	S/O	S/O	S/O	Screened Orifice
1	30.80	5038.01	2.441	2.875				2-7/8" L-80 Tubing
On/Off	1.49	5039.50	2.313	5.75				On/Off Tool W/2.313"
PKR	7.55	5047.05	2.441	6				7" AS1X Packer
XN	0.83	5047.88	2.205	3.68				2.205"- XN Nipple
4' Pup	4.03	5051.91	2.441	3.68				4' Pup Joint
MS	0.49	5052.40	2.441	3.67				Mule Shoe

Notes:

Thank you

NOTE: String Weights: ↑ = 30K, ↓ = 29K, Neutral = 24K
 Pulled 10K,15K,15K,15K Over String Weight



N Escavada Unit #330H API #:30-043-21299

SHL: 1587' FSL 231' FWL Sec 10 Twnshp: 22N Rge: 7W
BHL: 2327' FNL 51' FWL Sec 14 Twnshp: 22N Rge: 7W

Spud Date: 9/19/17
Completion Date: 1/19/19
Install GLV: 4/24/19

Lat: 36.151189 °N Long: 107.570515 °W
Escavada Mancos W
County: Sandoval NM
Elevation: 6860.01'

Created By: mwarp 10/17/18
Modified By: mwarp 2/6/19
Modified By: Igranillo 2/7/19
Modified By: mwarp 2/21/19
Modified By: Igranillo 4/29/19

Current Wellbore

Formation Top	MD	TVD
OJO ALAMO	797	794
KIRTLAND	976	971
PICTURED CLIFFS	1345	1329
LEWIS	1432	1412
CHACRA	1743	1710
CLIFF HOUSE	2899	2810
MENESEE	2940	2850
POINT LOOKOUT	3850	3713
MANCOS	4014	3858
GALLUP	4371	4213

Directional Data:

40° @ ~4,960'
50° @ ~5,055'
60° @ ~5,119' / 4,858' TVD
70° @ ~5,214'
80° @ ~5,309'
90° @ ~5,467' / 4,934' TVD

12 1/4" Hole

8 3/4" Hole

6 1/8" Hole

KOP~ 4,200'

9 5/8" Surface TD @ 331', 36# J-55
ST&C set @ 326' Cmt 101 sxs type I-II
Lead @ 14.5 ppg. Dropped plug & disp
w/ 23.2 bbls H2O, bump plug @ 200 psi,
circ 10 bbls cmt to surface.

7" Intermediate TD @ 5576', 125
jts 23# L-80 LT&C set @ 5,566'.
Cemented w/ 460 sx 12.3# Lead,
490 sx 13.5# Tail. Did not bump
plug. Circulated 96 bbls cmt to
surface.

4-1/2" Production Liner, TD @ 12088', 151 jts & 2
pup jts 11.6# P-110, LT&C set @ 12083'. PBDT =
12,036'. TOL @ 5416'. Cemented Pumped 10 bbls
tuned spacer @ 11.5 ppg. Pumped 150 bbls (620 sks)
of 13.3# lead cement, followed by displacement w/
159 bbls (40 bbls MMCR, 99 bbls 2% KCL, 20 bbls fw)
Land plug @ 1375 psi & bump up to 2400 psi, floats
held. 1.5 bbls back on bleed off. Circulated 25 bbls of
good cement to surface

13 Stage Completion (11/22/18- 11/29/18):

Perfs: 5,729' - 11,968'
Effective Lateral: 6,239'
Perf Spacing: 17.5'
Ft/Stg: 180
Total Fluid: 132,819 bbls
Fluid/stg: 3495 bbl/stg
30/50: 11,435,560#
20/40 RCS: 1,011,760#
Total Prop: 12,447,320#
Sand/Effect Ft: 1,995#/ft

BHA Detail: (4/24/19)

Install GLV. Land tubing @ 5052' w/ 160 jnts,
2-7/8", 6.5#, L-80, packer set @ 5047', 4 GLV

Top of Fish: 5,907'
Bottom of Fish: 9,036'

PBDT: 12,036'
TD: 12,088 MD
TVD: 4,943'

Perfd @ 5730'-11968', 0.35" & .42" diameter w/ 1392 total holes.
Frac'd @ 5730'-11968' w/ 13 stages of 20/40 & 30/50 sand