

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Enduring Resources IV LLC. 200 Energy Court Farmington NM 87401		² OGRID Number 372286	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30-043-21346	⁵ Pool Name Rusty Gallup Oil		⁶ Pool Code 52860
⁷ Property Code 322151	⁸ Property Name S ESCAVADA UNIT		⁹ Well Number #371H

II. ¹⁰ Surface Location

UL or lot no. C	Section 29	Township 22N	Range 6W	Lot Idn	Feet from the 164'	North/South Line North	Feet from the 2250'	East/West line West	County Sandoval
--------------------	---------------	-----------------	-------------	---------	-----------------------	---------------------------	------------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. K	Section 18	Township 22N	Range 6W	Lot Idn	Feet from the 2506'	North/South line South	Feet from the 2128'	East/West line West	County Sandoval
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date 11/22/2021		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	WESTERN REFINING COMPANY, LLC	O
373888	HARVEST FOUR CORNERS. LLC	G

IV. Well Completion Data

²¹ Spud Date 7/29/21	²² Ready Date 11/22/2021	²³ TD 15963' MD 5100' TVD	²⁴ PBDT 15838 MD 5105' TVD	²⁵ Perforations ~ 6050'-15833' MD ~ 5078'-5105' TVD	²⁶ DHC, MC R-14347	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8",54.5#, J-55		368' MD		350 sx - surface
12-1/4"		9-5/8",36#, J-55		3422' MD		757 sx- surface
8-1/2"		5-1/2",17#, P-110		15953' MD		2533 sx- surface

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>
Printed name: Deidre Duffy	Title: <i>PETROLEUM SPECIALIST</i>
Title: Senior Ecologist	Approval Date: <i>11/19/2021</i>
E-mail Address: Deidre.duffy@wsp.com	<i>RT EXPIRES 2/15/2022</i>
Date: 10/25/2021	

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 52860	³ Pool Name RUSTY GALLUP OIL POOL
⁴ Property Code 322151	⁵ Property Name S ESCAVADA UNIT		⁶ Well Number 371H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC		⁹ Elevation 7028'

¹⁰ Surface Location

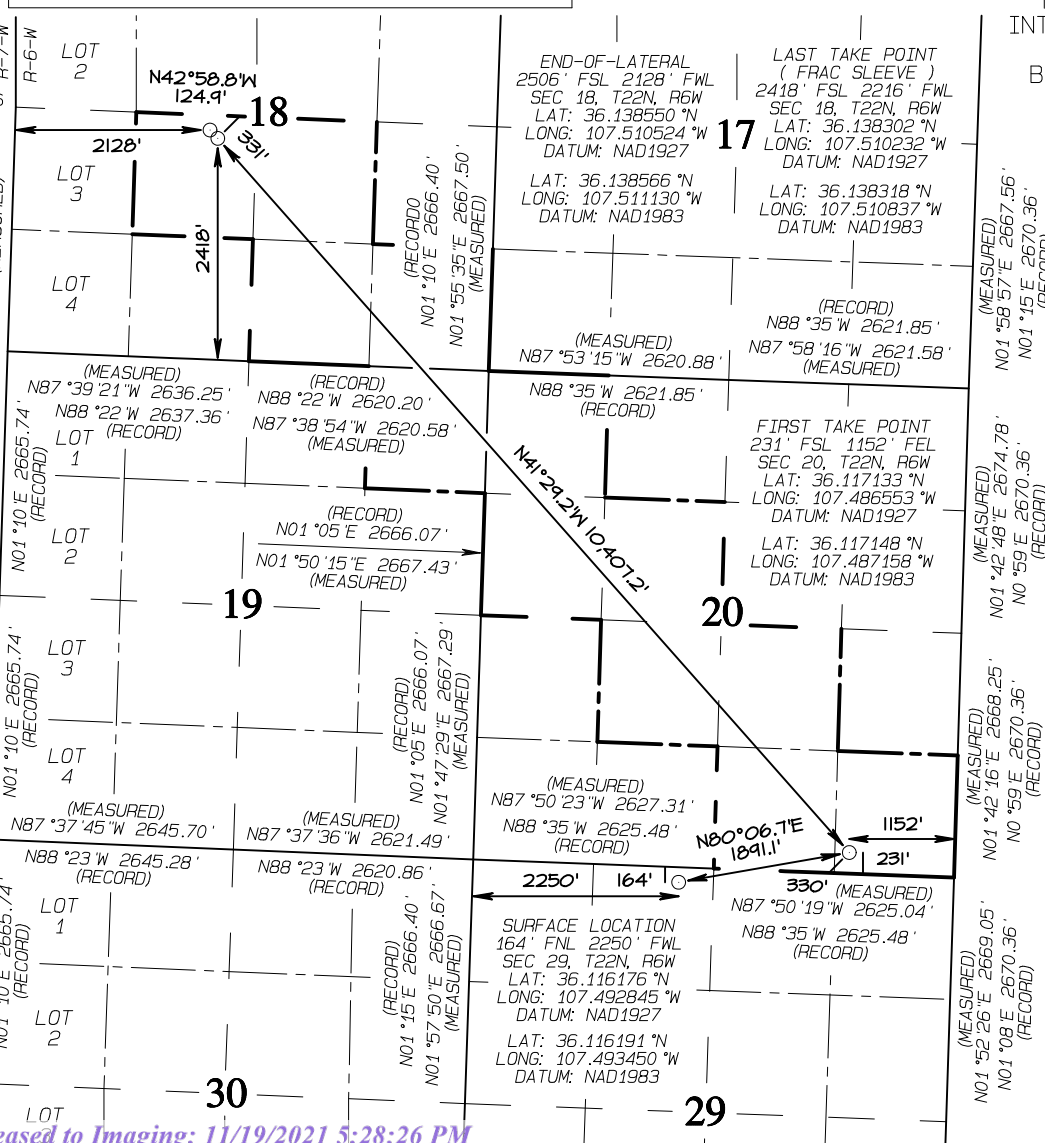
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	29	22N	6W		164	NORTH	2250	WEST	SANDOVAL

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	18	22N	6W		2506	SOUTH	2128	WEST	SANDOVAL

¹² Dedicated Acres 480.00	NE/4 SW/4, W/2 SE/4 SE/4 SE/4 - Section 18 NE/4 NE/4 - Section 19 W/2 NW/4, SE/4 NW/4, NE/4 SW/4 W/2 SE/4, SE/4 SE/4 - Section 20	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14347
---	---	-------------------------------	----------------------------------	------------------------------------

NO ALLOWABLE WILL BE ASSIGNED
TO THIS COMPLETION UNTIL ALL
INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS
BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____
 Printed Name _____
 E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: OCTOBER 13, 2021
 Survey Date: DECEMBER 12, 2018

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
 Certificate Number 15269

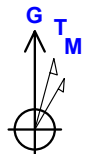


Well: S Escavada Unit 371 H
Site: S Escavada Unit
Project: Sandoval County, NM NAD83 NM C
Design: Surveys Original Hole
Rig: Ensign 773

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Central Zone

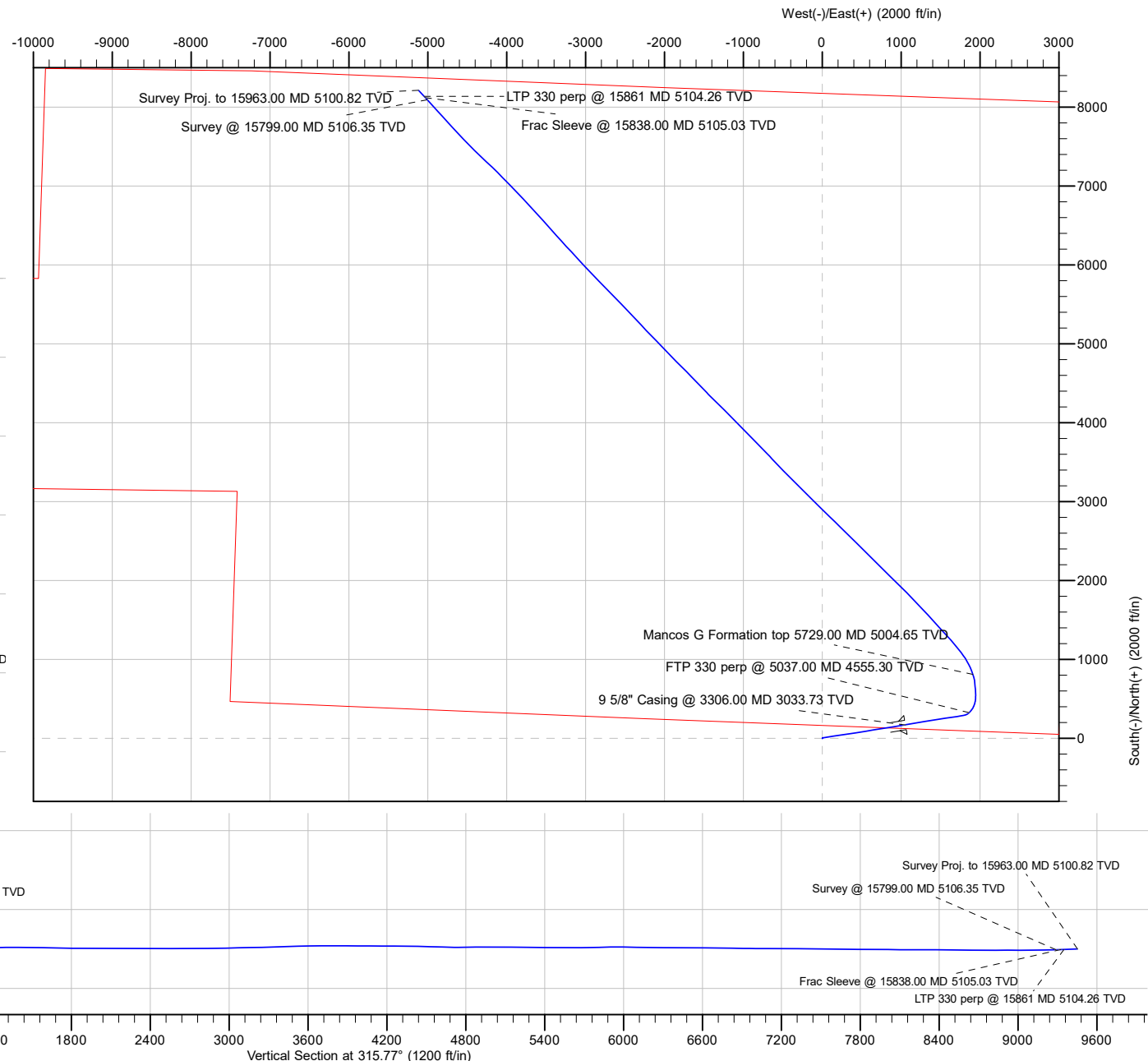
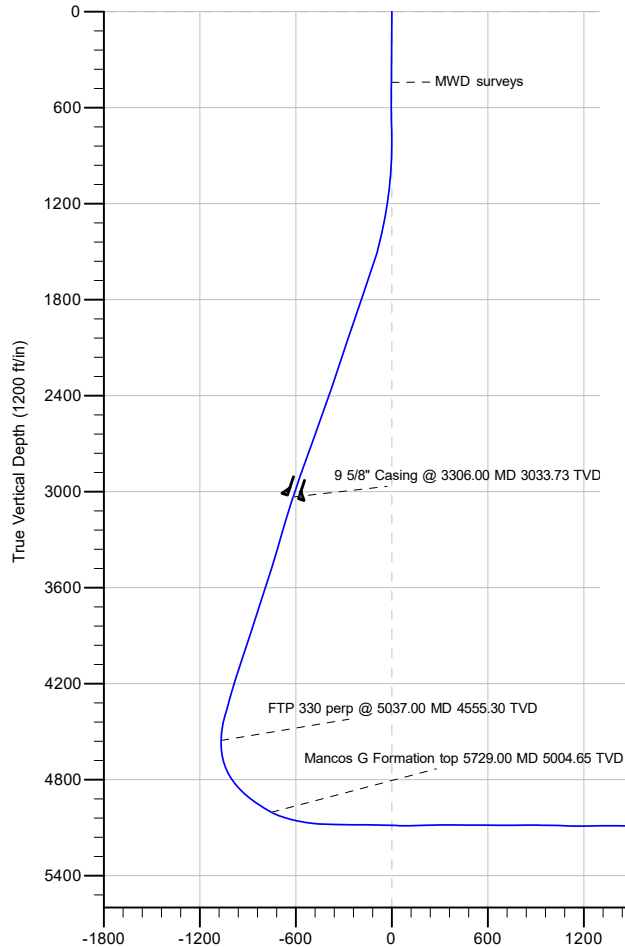
System Datum: Mean Sea Level
 Depth Reference: RKB=7028+28 @ 7056.00ft (Ensign 773)
 Northing 1863907.67 Easting 1273157.37 Latitude 36.11619100 Longitude -107.49345000

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 9.404°



Azimuths to Grid North
 True North: 0.73°
 Magnetic North: 9.40°

Magnetic Field
 Strength: 49260.5nT
 Dip Angle: 62.70°
 Date: 8/6/2021
 Model: IGRF2020



ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
443.00	0.62	151.78	442.99	-2.11	1.13	-2.30	2.40	MWD surveys
3306.00	29.79	80.05	3033.73	169.65	1057.41	-616.03	1076.76	9 5/8" Casing @ 3306.00 MD 3033.73 TVD
5037.00	30.06	46.35	4555.30	324.83	1862.98	-1066.75	1901.88	FTP 330 perp @ 5037.00 MD 4555.30 TVD
5729.00	65.83	342.25	5004.65	810.19	1911.11	-752.54	2413.06	Mancos G Formation top 5729.00 MD 5004.65 TVD
15799.00	91.93	317.02	5106.35	8092.52	-5004.54	9289.53	12471.68	Survey @ 15799.00 MD 5106.35 TVD
15838.00	91.93	317.02	5105.03	8121.03	-5031.12	9328.50	12510.66	Frac Sleeve @ 15838.00 MD 5105.03 TVD
15861.00	91.93	317.02	5104.26	8137.85	-5046.79	9351.48	12533.65	LTP 330 perp @ 15861 MD 5104.26 TVD
15963.00	91.93	317.02	5100.82	8212.43	-5116.29	9453.40	12635.59	Survey Proj. to 15963.00 MD 5100.82 TVD



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Project	Sandoval County, New Mexico NAD83 NM C		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	S Escavada Unit		
Site Position:		Northing:	1,862,785.00 usft
From:	Lat/Long	Easting:	1,257,590.21 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	36.11254900
		Longitude:	-107.54609400

Well	S Escavada Unit 371 H, Surf loc: 164 FNL 2250 FWL Section 29-T22N-R06W		
Well Position	+N/-S	0.00 ft	Northing: 1,863,907.67 usft
	+E/-W	0.00 ft	Easting: 1,273,157.37 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
Grid Convergence:	-0.733 °	Ground Level:	7,028.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/6/2021	8.670	62.703	49,260.53179874

Design	Surveys Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	315.77	

Survey Program	Date	9/30/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
443.00	3,340.00	MWD surf (Original Hole)	MWD	OWSG MWD - Standard	
3,495.00	15,799.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
15,963.00	15,963.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
443.00	0.62	151.78	442.99	-2.11	1.13	-2.30	0.14	0.14	0.00
MWD surveys									
503.00	0.48	109.07	502.99	-2.48	1.52	-2.84	0.70	-0.23	-71.18
593.00	1.89	31.46	592.97	-1.34	2.66	-2.81	2.05	1.57	-86.23
684.00	2.11	28.47	683.92	1.42	4.24	-1.94	0.27	0.24	-3.29
776.00	2.20	26.80	775.85	4.48	5.84	-0.86	0.12	0.10	-1.82
867.00	1.58	74.00	866.81	6.39	7.83	-0.89	1.78	-0.68	51.87



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
957.00	3.96	87.89	956.69	6.84	12.13	-3.56	2.73	2.64	15.43
1,047.00	8.09	82.09	1,046.18	7.83	21.52	-9.40	4.63	4.59	-6.44
1,137.00	12.52	80.94	1,134.70	10.24	37.43	-18.77	4.93	4.92	-1.28
1,229.00	16.48	81.03	1,223.76	13.84	60.18	-32.06	4.30	4.30	0.10
1,320.00	18.68	79.62	1,310.50	18.48	87.26	-47.63	2.46	2.42	-1.55
1,412.00	21.14	79.80	1,397.00	24.08	118.09	-65.12	2.67	2.67	0.20
1,504.00	24.48	81.38	1,481.79	29.87	153.27	-85.51	3.69	3.63	1.72
1,596.00	28.34	82.70	1,564.17	35.51	193.79	-109.74	4.24	4.20	1.43
1,687.00	30.81	82.79	1,643.31	41.18	238.34	-136.75	2.71	2.71	0.10
1,779.00	30.50	81.73	1,722.46	47.49	284.82	-164.65	0.68	-0.34	-1.15
1,871.00	29.66	79.98	1,802.07	54.81	330.34	-191.15	1.32	-0.91	-1.90
1,961.00	30.19	81.29	1,880.07	62.11	374.64	-216.82	0.93	0.59	1.46
2,054.00	30.19	82.00	1,960.45	68.91	420.91	-244.23	0.38	0.00	0.76
2,146.00	29.93	81.21	2,040.08	75.63	466.50	-271.21	0.51	-0.28	-0.86
2,238.00	30.98	80.68	2,119.39	82.98	512.55	-298.07	1.18	1.14	-0.58
2,330.00	30.85	79.89	2,198.32	90.95	559.14	-324.85	0.46	-0.14	-0.86
2,422.00	29.66	79.19	2,277.78	99.36	604.72	-350.62	1.35	-1.29	-0.76
2,513.00	31.38	80.15	2,356.17	107.64	650.18	-376.40	1.96	1.89	1.05
2,605.00	31.68	81.91	2,434.59	115.14	697.70	-404.18	1.05	0.33	1.91
2,697.00	31.60	81.73	2,512.92	122.00	745.47	-432.58	0.13	-0.09	-0.20
2,789.00	30.54	81.21	2,591.72	129.04	792.43	-460.29	1.19	-1.15	-0.57
2,881.00	31.90	81.38	2,670.39	136.26	839.56	-487.99	1.48	1.48	0.18
2,972.00	32.30	81.73	2,747.48	143.36	887.39	-516.27	0.48	0.44	0.38
3,064.00	31.51	81.29	2,825.58	150.53	935.48	-544.67	0.90	-0.86	-0.48
3,156.00	30.94	81.56	2,904.25	157.65	982.64	-572.47	0.64	-0.62	0.29
3,248.00	30.15	80.77	2,983.49	164.82	1,028.84	-599.56	0.96	-0.86	-0.86
3,340.00	29.58	79.62	3,063.27	172.62	1,073.99	-625.46	0.88	-0.62	-1.25
3,495.00	29.00	78.83	3,198.45	186.79	1,148.48	-667.26	0.45	-0.37	-0.51
3,582.00	28.52	78.57	3,274.72	194.99	1,189.53	-690.02	0.57	-0.55	-0.30
3,670.00	27.64	77.60	3,352.36	203.54	1,230.05	-712.17	1.13	-1.00	-1.10
3,760.00	28.96	81.91	3,431.61	211.09	1,272.02	-736.03	2.70	1.47	4.79
3,849.00	28.04	82.17	3,509.83	216.97	1,314.08	-761.15	1.04	-1.03	0.29
3,938.00	27.91	81.03	3,588.43	223.07	1,355.38	-785.59	0.62	-0.15	-1.28
4,029.00	29.97	82.08	3,668.06	229.52	1,398.93	-811.35	2.33	2.26	1.15
4,122.00	29.40	81.21	3,748.85	236.21	1,444.50	-838.34	0.77	-0.61	-0.94
4,214.00	28.13	80.59	3,829.50	243.21	1,488.21	-863.82	1.42	-1.38	-0.67
4,307.00	29.93	82.53	3,910.82	249.81	1,532.85	-890.22	2.18	1.94	2.09
4,399.00	29.44	82.26	3,990.74	255.84	1,578.01	-917.41	0.55	-0.53	-0.29
4,491.00	27.69	81.38	4,071.54	262.09	1,621.55	-943.30	1.96	-1.90	-0.96
4,583.00	30.01	81.65	4,152.12	268.64	1,665.46	-969.23	2.53	2.52	0.29
4,675.00	28.13	80.24	4,232.52	275.65	1,709.60	-995.00	2.17	-2.04	-1.53
4,768.00	25.49	79.27	4,315.52	283.10	1,750.87	-1,018.45	2.88	-2.84	-1.04
4,860.00	27.33	77.95	4,397.91	291.19	1,790.98	-1,040.63	2.10	2.00	-1.43



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,906.00	27.29	77.16	4,438.79	295.74	1,811.59	-1,051.75	0.79	-0.09	-1.72	
4,952.00	26.15	65.30	4,479.90	302.33	1,831.10	-1,060.63	11.84	-2.48	-25.78	
4,997.00	27.07	53.78	4,520.16	312.53	1,848.38	-1,065.38	11.63	2.04	-25.60	
5,037.00	30.06	46.35	4,555.30	324.83	1,862.98	-1,066.75	11.60	7.47	-18.58	
FTP 330 perp @ 5037.00 MD 4555.30 TVD										
5,043.00	30.54	45.35	4,560.48	326.93	1,865.15	-1,066.75	11.60	8.02	-16.61	
5,089.00	33.62	40.51	4,599.46	344.84	1,881.74	-1,065.50	8.72	6.70	-10.52	
5,135.00	36.56	35.33	4,637.11	365.71	1,897.94	-1,061.85	9.09	6.39	-11.26	
5,181.00	38.80	28.82	4,673.52	389.52	1,912.82	-1,055.16	9.92	4.87	-14.15	
5,227.00	40.96	21.70	4,708.84	416.18	1,925.35	-1,044.80	10.97	4.70	-15.48	
5,273.00	42.14	14.85	4,743.28	445.12	1,934.89	-1,030.72	10.20	2.57	-14.89	
5,320.00	42.93	8.61	4,777.93	476.20	1,941.33	-1,012.94	9.13	1.68	-13.28	
5,366.00	45.92	4.30	4,810.79	508.18	1,944.91	-992.52	9.23	6.50	-9.37	
5,412.00	49.92	359.56	4,841.62	542.28	1,946.02	-968.86	11.58	8.70	-10.30	
5,458.00	54.80	356.92	4,869.70	578.67	1,944.87	-941.99	11.54	10.61	-5.74	
5,504.00	58.10	356.04	4,895.12	616.92	1,942.51	-912.93	7.35	7.17	-1.91	
5,550.00	59.90	354.72	4,918.82	656.22	1,939.33	-882.55	4.62	3.91	-2.87	
5,596.00	59.28	354.28	4,942.10	695.71	1,935.53	-851.60	1.58	-1.35	-0.96	
5,642.00	60.56	350.06	4,965.16	735.13	1,930.10	-819.57	8.41	2.78	-9.17	
5,688.00	62.97	345.32	4,986.93	774.70	1,921.45	-785.18	10.48	5.24	-10.30	
5,729.00	65.83	342.25	5,004.65	810.19	1,911.11	-752.54	9.70	6.97	-7.48	
Mancos G Formation top 5729.00 MD 5004.65 TVD										
5,734.00	66.18	341.89	5,006.68	814.54	1,909.71	-748.44	9.70	7.05	-7.28	
5,779.00	70.09	339.08	5,023.44	853.89	1,895.75	-710.51	10.44	8.69	-6.24	
5,825.00	73.26	335.83	5,037.91	894.20	1,879.00	-669.94	9.62	6.89	-7.07	
5,871.00	76.20	332.40	5,050.02	934.11	1,859.62	-627.83	9.62	6.39	-7.46	
5,917.00	78.75	329.76	5,060.00	973.40	1,837.91	-584.53	7.88	5.54	-5.74	
5,963.00	81.34	327.21	5,067.95	1,012.02	1,814.22	-540.34	7.84	5.63	-5.54	
6,008.00	83.72	324.84	5,073.80	1,049.01	1,789.29	-496.44	7.43	5.29	-5.27	
6,053.00	86.40	322.91	5,077.68	1,085.22	1,762.86	-452.06	7.33	5.96	-4.29	
6,145.00	88.99	320.44	5,081.38	1,157.32	1,705.87	-360.64	3.89	2.82	-2.68	
6,258.00	89.65	318.34	5,082.72	1,243.10	1,632.32	-247.88	1.95	0.58	-1.86	
6,350.00	89.87	317.02	5,083.11	1,311.12	1,570.38	-155.93	1.45	0.24	-1.43	
6,442.00	88.15	317.90	5,084.70	1,378.89	1,508.20	-63.99	2.10	-1.87	0.96	
6,532.00	87.85	318.25	5,087.84	1,445.81	1,448.10	25.88	0.51	-0.33	0.39	
6,623.00	91.10	317.28	5,088.67	1,513.18	1,386.94	116.81	3.73	3.57	-1.07	
6,715.00	91.41	316.84	5,086.66	1,580.51	1,324.28	208.77	0.58	0.34	-0.48	
6,807.00	91.63	316.40	5,084.22	1,647.35	1,261.12	300.72	0.53	0.24	-0.48	
6,898.00	89.25	316.67	5,083.52	1,713.39	1,198.52	391.71	2.63	-2.62	0.30	
6,990.00	89.43	316.49	5,084.58	1,780.21	1,135.29	483.69	0.28	0.20	-0.20	
7,082.00	89.52	315.26	5,085.42	1,846.25	1,071.24	575.69	1.34	0.10	-1.34	
7,172.00	89.74	314.64	5,086.00	1,909.83	1,007.55	665.67	0.73	0.24	-0.69	
7,262.00	90.22	314.12	5,086.03	1,972.78	943.23	755.65	0.79	0.53	-0.58	
7,354.00	90.75	313.94	5,085.25	2,036.72	877.08	847.60	0.61	0.58	-0.20	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
7,447.00	88.73	315.35	5,085.68	2,102.06	810.92	940.57	2.65	-2.17	1.52	
7,539.00	88.42	315.17	5,087.96	2,167.39	746.18	1,032.54	0.39	-0.34	-0.20	
7,630.00	87.85	314.03	5,090.92	2,231.25	681.42	1,123.47	1.40	-0.63	-1.25	
7,720.00	91.32	314.73	5,091.58	2,294.19	617.11	1,213.43	3.93	3.86	0.78	
7,812.00	91.76	314.82	5,089.10	2,358.96	551.83	1,305.38	0.49	0.48	0.10	
7,902.00	89.25	315.44	5,088.31	2,422.74	488.34	1,395.37	2.87	-2.79	0.69	
7,994.00	89.03	314.82	5,089.69	2,487.93	423.44	1,487.35	0.72	-0.24	-0.67	
8,086.00	89.08	314.38	5,091.21	2,552.52	357.94	1,579.32	0.48	0.05	-0.48	
8,178.00	88.81	314.56	5,092.90	2,616.96	292.30	1,671.28	0.35	-0.29	0.20	
8,270.00	88.55	314.12	5,095.02	2,681.24	226.52	1,763.22	0.56	-0.28	-0.48	
8,362.00	90.31	314.29	5,095.94	2,745.38	160.58	1,855.18	1.92	1.91	0.18	
8,451.00	90.09	314.12	5,095.63	2,807.44	96.78	1,944.15	0.31	-0.25	-0.19	
8,543.00	89.82	313.41	5,095.70	2,871.07	30.34	2,036.09	0.83	-0.29	-0.77	
8,659.00	89.56	315.44	5,096.33	2,952.26	-52.50	2,152.05	1.76	-0.22	1.75	
8,750.00	88.95	314.64	5,097.51	3,016.65	-116.80	2,243.04	1.11	-0.67	-0.88	
8,842.00	88.99	314.21	5,099.16	3,081.04	-182.49	2,334.99	0.47	0.04	-0.47	
8,934.00	90.84	316.05	5,099.30	3,146.23	-247.39	2,426.98	2.84	2.01	2.00	
9,025.00	90.53	315.35	5,098.21	3,211.35	-310.94	2,517.97	0.84	-0.34	-0.77	
9,117.00	90.48	314.91	5,097.40	3,276.55	-375.84	2,609.96	0.48	-0.05	-0.48	
9,209.00	90.26	314.91	5,096.81	3,341.50	-441.00	2,701.95	0.24	-0.24	0.00	
9,301.00	90.13	314.47	5,096.49	3,406.20	-506.40	2,793.93	0.50	-0.14	-0.48	
9,394.00	90.97	316.93	5,095.60	3,472.75	-571.35	2,886.92	2.79	0.90	2.65	
9,484.00	91.05	317.46	5,094.01	3,538.77	-632.49	2,976.88	0.60	0.09	0.59	
9,576.00	91.10	316.31	5,092.29	3,605.92	-695.36	3,068.85	1.25	0.05	-1.25	
9,668.00	91.27	315.79	5,090.39	3,672.14	-759.19	3,160.82	0.59	0.18	-0.57	
9,757.00	91.41	315.88	5,088.30	3,735.96	-821.19	3,249.80	0.19	0.16	0.10	
9,849.00	91.85	315.79	5,085.69	3,801.93	-885.26	3,341.76	0.49	0.48	-0.10	
9,939.00	91.80	315.26	5,082.82	3,866.12	-948.28	3,431.72	0.59	-0.06	-0.59	
10,031.00	91.58	315.08	5,080.11	3,931.34	-1,013.11	3,523.67	0.31	-0.24	-0.20	
10,123.00	91.67	314.82	5,077.50	3,996.31	-1,078.20	3,615.62	0.30	0.10	-0.28	
10,213.00	90.04	316.40	5,076.16	4,060.61	-1,141.14	3,705.61	2.52	-1.81	1.76	
10,304.00	89.82	315.61	5,076.27	4,126.08	-1,204.35	3,796.61	0.90	-0.24	-0.87	
10,394.00	89.60	314.91	5,076.72	4,190.00	-1,267.70	3,886.60	0.82	-0.24	-0.78	
10,486.00	89.60	314.38	5,077.37	4,254.65	-1,333.15	3,978.58	0.58	0.00	-0.58	
10,577.00	89.52	313.77	5,078.06	4,317.95	-1,398.53	4,069.54	0.68	-0.09	-0.67	
10,669.00	89.78	316.23	5,078.63	4,383.00	-1,463.58	4,161.52	2.69	0.28	2.67	
10,761.00	89.43	316.40	5,079.26	4,449.52	-1,527.12	4,253.51	0.42	-0.38	0.18	
10,852.00	89.21	316.14	5,080.34	4,515.28	-1,590.02	4,344.50	0.37	-0.24	-0.29	
10,944.00	88.95	315.52	5,081.82	4,581.26	-1,654.12	4,436.49	0.73	-0.28	-0.67	
11,037.00	88.68	315.44	5,083.74	4,647.55	-1,719.31	4,529.47	0.30	-0.29	-0.09	
11,129.00	88.64	314.73	5,085.89	4,712.68	-1,784.25	4,621.44	0.77	-0.04	-0.77	
11,221.00	88.64	314.38	5,088.08	4,777.21	-1,849.79	4,713.39	0.38	0.00	-0.38	
11,312.00	90.48	316.40	5,088.78	4,841.99	-1,913.69	4,804.38	3.00	2.02	2.22	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
11,404.00	91.23	316.05	5,087.40	4,908.41	-1,977.33	4,896.36	0.90	0.82	-0.38
11,495.00	89.91	316.58	5,086.50	4,974.21	-2,040.18	4,987.35	1.56	-1.45	0.58
11,586.00	89.78	315.88	5,086.74	5,039.92	-2,103.13	5,078.35	0.78	-0.14	-0.77
11,679.00	89.34	314.82	5,087.46	5,106.08	-2,168.48	5,171.34	1.23	-0.47	-1.14
11,769.00	89.12	317.19	5,088.67	5,170.82	-2,230.98	5,261.33	2.64	-0.24	2.63
11,861.00	89.12	316.67	5,090.08	5,238.02	-2,293.80	5,353.30	0.57	0.00	-0.57
11,954.00	89.60	316.49	5,091.12	5,305.56	-2,357.72	5,446.28	0.55	0.52	-0.19
12,046.00	90.18	316.31	5,091.30	5,372.18	-2,421.16	5,538.28	0.66	0.63	-0.20
12,137.00	90.53	316.40	5,090.73	5,438.03	-2,483.97	5,629.27	0.40	0.38	0.10
12,229.00	90.92	315.96	5,089.57	5,504.41	-2,547.67	5,721.26	0.64	0.42	-0.48
12,321.00	90.97	315.96	5,088.05	5,570.53	-2,611.61	5,813.25	0.05	0.05	0.00
12,410.00	90.79	315.08	5,086.68	5,634.03	-2,673.96	5,902.23	1.01	-0.20	-0.99
12,503.00	89.91	315.52	5,086.12	5,700.13	-2,739.38	5,995.23	1.06	-0.95	0.47
12,595.00	88.59	316.58	5,087.32	5,766.36	-2,803.22	6,087.21	1.84	-1.43	1.15
12,688.00	88.64	316.23	5,089.57	5,833.69	-2,867.33	6,180.18	0.38	0.05	-0.38
12,779.00	89.03	316.40	5,091.42	5,899.48	-2,930.17	6,271.16	0.47	0.43	0.19
12,869.00	89.47	316.49	5,092.60	5,964.70	-2,992.18	6,361.14	0.50	0.49	0.10
12,962.00	90.31	316.93	5,092.77	6,032.39	-3,055.95	6,454.13	1.02	0.90	0.47
13,052.00	89.52	317.46	5,092.91	6,098.42	-3,117.10	6,544.10	1.06	-0.88	0.59
13,144.00	89.65	317.11	5,093.57	6,166.02	-3,179.51	6,636.07	0.41	0.14	-0.38
13,236.00	90.53	317.19	5,093.43	6,233.46	-3,242.07	6,728.04	0.96	0.96	0.09
13,329.00	88.33	317.81	5,094.35	6,302.02	-3,304.90	6,820.99	2.46	-2.37	0.67
13,421.00	88.73	317.72	5,096.71	6,370.12	-3,366.72	6,912.90	0.45	0.43	-0.10
13,512.00	89.74	318.51	5,097.93	6,437.86	-3,427.47	7,003.81	1.41	1.11	0.87
13,604.00	90.35	318.51	5,097.86	6,506.77	-3,488.41	7,095.71	0.66	0.66	0.00
13,695.00	90.48	318.60	5,097.20	6,574.98	-3,548.65	7,186.60	0.17	0.14	0.10
13,787.00	88.33	317.28	5,098.15	6,643.28	-3,610.27	7,278.52	2.74	-2.34	-1.43
13,877.00	88.55	316.93	5,100.60	6,709.19	-3,671.50	7,368.46	0.46	0.24	-0.39
13,970.00	89.30	316.93	5,102.35	6,777.11	-3,735.00	7,461.43	0.81	0.81	0.00
14,062.00	90.35	316.93	5,102.63	6,844.32	-3,797.83	7,553.41	1.14	1.14	0.00
14,153.00	90.88	316.84	5,101.65	6,910.75	-3,860.02	7,644.38	0.59	0.58	-0.10
14,246.00	88.86	316.40	5,101.86	6,978.34	-3,923.89	7,737.37	2.22	-2.17	-0.47
14,336.00	88.81	315.52	5,103.69	7,043.02	-3,986.44	7,827.35	0.98	-0.06	-0.98
14,427.00	89.43	315.35	5,105.09	7,107.84	-4,050.29	7,918.33	0.71	0.68	-0.19
14,520.00	89.56	315.08	5,105.91	7,173.85	-4,115.80	8,011.33	0.32	0.14	-0.29
14,612.00	89.69	314.21	5,106.51	7,238.50	-4,181.25	8,103.31	0.96	0.14	-0.95
14,703.00	89.74	313.41	5,106.97	7,301.49	-4,246.92	8,194.25	0.88	0.05	-0.88
14,795.00	90.18	312.89	5,107.03	7,364.41	-4,314.04	8,286.15	0.74	0.48	-0.57
14,886.00	89.60	312.54	5,107.20	7,426.14	-4,380.90	8,377.02	0.74	-0.64	-0.38
14,978.00	90.26	315.52	5,107.32	7,490.08	-4,447.04	8,468.97	3.32	0.72	3.24
15,070.00	87.98	316.67	5,108.73	7,556.35	-4,510.83	8,560.95	2.78	-2.48	1.25
15,159.00	88.99	317.02	5,111.08	7,621.25	-4,571.68	8,649.90	1.20	1.13	0.39
15,251.00	90.26	317.02	5,111.69	7,688.55	-4,634.40	8,741.88	1.38	1.38	0.00
15,342.00	91.58	316.93	5,110.22	7,755.07	-4,696.48	8,832.84	1.45	1.45	-0.10



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
15,432.00	89.08	317.63	5,109.71	7,821.18	-4,757.53	8,922.80	2.88	-2.78	0.78
15,523.00	89.47	317.98	5,110.86	7,888.60	-4,818.64	9,013.74	0.58	0.43	0.38
15,615.00	90.62	317.72	5,110.79	7,956.80	-4,880.38	9,105.67	1.28	1.25	-0.28
15,707.00	91.49	317.72	5,109.09	8,024.86	-4,942.26	9,197.61	0.95	0.95	0.00
15,799.00	91.93	317.02	5,106.35	8,092.52	-5,004.54	9,289.53	0.90	0.48	-0.76
Survey @ 15799.00 MD 5106.35 TVD									
15,838.00	91.93	317.02	5,105.03	8,121.03	-5,031.12	9,328.50	0.00	0.00	0.00
Frac Sleeve @ 15838.00 MD 5105.03 TVD									
15,861.00	91.93	317.02	5,104.26	8,137.85	-5,046.79	9,351.48	0.00	0.00	0.00
LTP 330 perp @ 15861 MD 5104.26 TVD									
15,963.00	91.93	317.02	5,100.82	8,212.43	-5,116.29	9,453.40	0.00	0.00	0.00
Survey Proj. to 15963.00 MD 5100.82 TVD									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
443.00	442.99	-2.11	1.13	MWD surveys
5,037.00	4,555.30	324.83	1,862.98	FTP 330 perp @ 5037.00 MD 4555.30 TVD
5,729.00	5,004.65	810.19	1,911.11	Mancos G Formation top 5729.00 MD 5004.65 TVD
15,799.00	5,106.35	8,092.52	-5,004.54	Survey @ 15799.00 MD 5106.35 TVD
15,838.00	5,105.03	8,121.03	-5,031.12	Frac Sleeve @ 15838.00 MD 5105.03 TVD
15,861.00	5,104.26	8,137.85	-5,046.79	LTP 330 perp @ 15861 MD 5104.26 TVD
15,963.00	5,100.82	8,212.43	-5,116.29	Survey Proj. to 15963.00 MD 5100.82 TVD

Checked By: _____ Approved By: _____ Date: _____



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Project	Sandoval County, New Mexico NAD83 NM C		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	S Escavada Unit				
Site Position:		Northing:	1,862,785.00 usft	Latitude:	36.11254900
From:	Lat/Long	Easting:	1,257,590.21 usft	Longitude:	-107.54609400
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.764 °

Well	S Escavada Unit 371 H, Surf loc: 164 FNL 2250 FWL Section 29-T22N-R06W					
Well Position	+N/-S	0.00 ft	Northing:	1,863,907.67 usft	Latitude:	36.11619100
	+E/-W	0.00 ft	Easting:	1,273,157.37 usft	Longitude:	-107.49345000
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	7,028.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/6/2021	8.670	62.703	49,260.53179874

Design	Surveys Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	315.77	

Survey Program	Date	9/30/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
443.00	3,340.00	MWD surf (Original Hole)	MWD	OWSG MWD - Standard	
3,495.00	15,799.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
15,963.00	15,963.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.00	0.00	0.00	0.00	0.00	0.00	1,863,907.67	1,273,157.37	36.11619100	-107.49345000	
443.00	0.62	151.78	442.99	-2.11	1.13	1,863,905.56	1,273,158.50	36.11618524	-107.49344608	
MWD surveys										
503.00	0.48	109.07	502.99	-2.48	1.52	1,863,905.19	1,273,158.89	36.11618424	-107.49344474	
593.00	1.89	31.46	592.97	-1.34	2.66	1,863,906.34	1,273,160.02	36.11618742	-107.49344096	
684.00	2.11	28.47	683.92	1.42	4.24	1,863,909.09	1,273,161.60	36.11619504	-107.49343572	
776.00	2.20	26.80	775.85	4.48	5.84	1,863,912.16	1,273,163.21	36.11620351	-107.49343043	
867.00	1.58	74.00	866.81	6.39	7.83	1,863,914.06	1,273,165.20	36.11620881	-107.49342376	
957.00	3.96	87.89	956.69	6.84	12.13	1,863,914.52	1,273,169.50	36.11621022	-107.49340923	
1,047.00	8.09	82.09	1,046.18	7.83	21.52	1,863,915.50	1,273,178.88	36.11621326	-107.49337751	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,137.00	12.52	80.94	1,134.70	10.24	37.43	1,863,917.91	1,273,194.80	36.11622043	-107.49332375
1,229.00	16.48	81.03	1,223.76	13.84	60.18	1,863,921.52	1,273,217.54	36.11623114	-107.49324691
1,320.00	18.68	79.62	1,310.50	18.48	87.26	1,863,926.16	1,273,244.63	36.11624483	-107.49315542
1,412.00	21.14	79.80	1,397.00	24.08	118.09	1,863,931.75	1,273,275.45	36.11626127	-107.49305132
1,504.00	24.48	81.38	1,481.79	29.87	153.27	1,863,937.55	1,273,310.64	36.11627843	-107.49293247
1,596.00	28.34	82.70	1,564.17	35.51	193.79	1,863,943.18	1,273,351.16	36.11629532	-107.49279555
1,687.00	30.81	82.79	1,643.31	41.18	238.34	1,863,948.85	1,273,395.71	36.11631246	-107.49264499
1,779.00	30.50	81.73	1,722.46	47.49	284.82	1,863,955.17	1,273,442.19	36.11633144	-107.49248793
1,871.00	29.66	79.98	1,802.07	54.81	330.34	1,863,962.48	1,273,487.71	36.11635314	-107.49233415
1,961.00	30.19	81.29	1,880.07	62.11	374.64	1,863,969.79	1,273,532.01	36.11637475	-107.49218452
2,054.00	30.19	82.00	1,960.45	68.91	420.91	1,863,976.58	1,273,578.28	36.11639504	-107.49202819
2,146.00	29.93	81.21	2,040.08	75.63	466.50	1,863,983.31	1,273,623.87	36.11641511	-107.49187416
2,238.00	30.98	80.68	2,119.39	82.98	512.55	1,863,990.65	1,273,669.91	36.11643689	-107.49171860
2,330.00	30.85	79.89	2,198.32	90.95	559.14	1,863,998.63	1,273,716.50	36.11646043	-107.49156124
2,422.00	29.66	79.19	2,277.78	99.36	604.72	1,864,007.04	1,273,762.08	36.11648513	-107.49140730
2,513.00	31.38	80.15	2,356.17	107.64	650.18	1,864,015.31	1,273,807.55	36.11650946	-107.49125377
2,605.00	31.68	81.91	2,434.59	115.14	697.70	1,864,022.81	1,273,855.07	36.11653172	-107.49109324
2,697.00	31.60	81.73	2,512.92	122.00	745.47	1,864,029.68	1,273,902.84	36.11655225	-107.49093183
2,789.00	30.54	81.21	2,591.72	129.04	792.43	1,864,036.72	1,273,949.79	36.11657323	-107.49077319
2,881.00	31.90	81.38	2,670.39	136.26	839.56	1,864,043.93	1,273,996.93	36.11659470	-107.49061395
2,972.00	32.30	81.73	2,747.48	143.36	887.39	1,864,051.03	1,274,044.76	36.11661588	-107.49045234
3,064.00	31.51	81.29	2,825.58	150.53	935.48	1,864,058.21	1,274,092.85	36.11663728	-107.49028986
3,156.00	30.94	81.56	2,904.25	157.65	982.64	1,864,065.32	1,274,140.01	36.11665846	-107.49013053
3,248.00	30.15	80.77	2,983.49	164.82	1,028.84	1,864,072.50	1,274,186.21	36.11667979	-107.48997445
3,340.00	29.58	79.62	3,063.27	172.62	1,073.99	1,864,080.30	1,274,231.35	36.11670279	-107.48982198
3,432.00	29.00	78.83	3,142.45	180.49	1,119.18	1,864,088.10	1,274,276.49	36.11672589	-107.48966951
3,524.00	28.52	78.57	3,221.72	194.99	1,189.53	1,864,102.67	1,274,346.89	36.11676829	-107.48943184
3,616.00	27.64	77.60	3,352.36	203.54	1,230.05	1,864,111.21	1,274,387.42	36.11679318	-107.48929501
3,708.00	28.96	81.91	3,431.61	211.09	1,272.02	1,864,118.77	1,274,429.39	36.11681539	-107.48915327
3,849.00	28.04	82.17	3,509.83	216.97	1,314.08	1,864,124.65	1,274,471.44	36.11683302	-107.48901116
3,938.00	27.91	81.03	3,588.43	223.07	1,355.38	1,864,130.75	1,274,512.74	36.11685121	-107.48887162
4,029.00	29.97	82.08	3,668.06	229.52	1,398.93	1,864,137.20	1,274,556.30	36.11687046	-107.48872447
4,122.00	29.40	81.21	3,748.85	236.21	1,444.50	1,864,143.89	1,274,601.86	36.11689043	-107.48857051
4,214.00	28.13	80.59	3,829.50	243.21	1,488.21	1,864,150.88	1,274,645.58	36.11691117	-107.48842283
4,307.00	29.93	82.53	3,910.82	249.81	1,532.85	1,864,157.49	1,274,690.21	36.11693087	-107.48827202
4,399.00	29.44	82.26	3,990.74	255.84	1,578.01	1,864,163.51	1,274,735.38	36.11694901	-107.48811949
4,491.00	27.69	81.38	4,071.54	262.09	1,621.55	1,864,169.76	1,274,778.92	36.11696769	-107.48797229
4,583.00	30.01	81.65	4,152.12	268.64	1,665.46	1,864,176.31	1,274,822.82	36.11698721	-107.48782395
4,675.00	28.13	80.24	4,232.52	275.65	1,709.60	1,864,183.33	1,274,866.96	36.11700803	-107.48767484
4,768.00	25.49	79.27	4,315.52	283.10	1,750.87	1,864,190.77	1,274,908.24	36.11702991	-107.48753544
4,860.00	27.33	77.95	4,397.91	291.19	1,790.98	1,864,198.87	1,274,948.34	36.11705355	-107.48740002
4,906.00	27.29	77.16	4,438.79	295.74	1,811.59	1,864,203.41	1,274,968.95	36.11706676	-107.48733045
4,952.00	26.15	65.30	4,479.90	302.33	1,831.10	1,864,210.00	1,274,988.46	36.11708553	-107.48726471
4,997.00	27.07	53.78	4,520.16	312.53	1,848.38	1,864,220.20	1,275,005.74	36.11711415	-107.48720665
5,037.00	30.06	46.35	4,555.30	324.83	1,862.98	1,864,232.50	1,275,020.34	36.11714844	-107.48715776
FTP 330 perp @ 5037.00 MD 4555.30 TVD									
5,043.00	30.54	45.35	4,560.48	326.93	1,865.15	1,864,234.61	1,275,022.51	36.11715431	-107.48715050
5,089.00	33.62	40.51	4,599.46	344.84	1,881.74	1,864,252.51	1,275,039.10	36.11720406	-107.48709510
5,135.00	36.56	35.33	4,637.11	365.71	1,897.94	1,864,273.38	1,275,055.31	36.11726195	-107.48704115
5,181.00	38.80	28.82	4,673.52	389.52	1,912.82	1,864,297.20	1,275,070.18	36.11732788	-107.48699182
5,227.00	40.96	21.70	4,708.84	416.18	1,925.35	1,864,323.85	1,275,082.71	36.11740152	-107.48695055
5,273.00	42.14	14.85	4,743.28	445.12	1,934.89	1,864,352.79	1,275,092.25	36.11748134	-107.48691952
5,320.00	42.93	8.61	4,777.93	476.20	1,941.33	1,864,383.87	1,275,098.69	36.11756693	-107.48689906
5,366.00	45.92	4.30	4,810.79	508.18	1,944.91	1,864,415.85	1,275,102.27	36.11765489	-107.48688830
5,412.00	49.92	359.56	4,841.62	542.28	1,946.02	1,864,449.95	1,275,103.38	36.11774858	-107.48686803



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,458.00	54.80	356.92	4,869.70	578.67	1,944.87	1,864,486.34	1,275,102.23	36.11784849	-107.48689147
5,504.00	58.10	356.04	4,895.12	616.92	1,942.51	1,864,524.60	1,275,099.87	36.11795348	-107.48690111
5,550.00	59.90	354.72	4,918.82	656.22	1,939.33	1,864,563.90	1,275,096.69	36.11806131	-107.48691356
5,596.00	59.28	354.28	4,942.10	695.71	1,935.53	1,864,603.38	1,275,092.89	36.11816963	-107.48692814
5,642.00	60.56	350.06	4,965.16	735.13	1,930.10	1,864,642.80	1,275,087.46	36.11827771	-107.48694822
5,688.00	62.97	345.32	4,986.93	774.70	1,921.45	1,864,682.37	1,275,078.81	36.11838609	-107.48697922
5,729.00	65.83	342.25	5,004.65	810.19	1,911.11	1,864,717.87	1,275,068.48	36.11848321	-107.48701572
Mancos G Formation top 5729.00 MD 5004.65 TVD									
5,734.00	66.18	341.89	5,006.68	814.54	1,909.71	1,864,722.21	1,275,067.07	36.11849509	-107.48702067
5,779.00	70.09	339.08	5,023.44	853.89	1,895.75	1,864,761.56	1,275,053.11	36.11860267	-107.48706962
5,825.00	73.26	335.83	5,037.91	894.20	1,879.00	1,864,801.87	1,275,036.36	36.11871281	-107.48712805
5,871.00	76.20	332.40	5,050.02	934.11	1,859.62	1,864,841.78	1,275,016.99	36.11882174	-107.48719536
5,917.00	78.75	329.76	5,060.00	973.40	1,837.91	1,864,881.08	1,274,995.27	36.11892891	-107.48727057
5,963.00	81.34	327.21	5,067.95	1,012.02	1,814.22	1,864,919.69	1,274,971.59	36.11903414	-107.48735240
6,008.00	83.72	324.84	5,073.80	1,049.01	1,789.29	1,864,956.69	1,274,946.65	36.11913488	-107.48743840
6,053.00	86.40	322.91	5,077.68	1,085.22	1,762.86	1,864,992.89	1,274,920.23	36.11923340	-107.48752942
6,145.00	88.99	320.44	5,081.38	1,157.32	1,705.87	1,865,065.00	1,274,863.23	36.11942944	-107.48772548
6,258.00	89.65	318.34	5,082.72	1,243.10	1,632.32	1,865,150.77	1,274,789.69	36.11966245	-107.48797813
6,350.00	89.87	317.02	5,083.11	1,311.12	1,570.38	1,865,218.79	1,274,727.75	36.11984710	-107.48819074
6,442.00	88.15	317.90	5,084.70	1,378.89	1,508.20	1,865,286.56	1,274,665.56	36.12003107	-107.48840419
6,532.00	87.85	318.25	5,087.84	1,445.81	1,448.10	1,865,353.49	1,274,605.46	36.12021276	-107.48861052
6,623.00	91.10	317.28	5,088.67	1,513.18	1,386.94	1,865,420.85	1,274,544.30	36.12039564	-107.48882045
6,715.00	91.41	316.84	5,086.66	1,580.51	1,324.28	1,865,488.18	1,274,481.65	36.12057838	-107.48903547
6,807.00	91.63	316.40	5,084.22	1,647.35	1,261.12	1,865,555.02	1,274,418.48	36.12075975	-107.48925219
6,898.00	89.25	316.67	5,083.52	1,713.39	1,198.52	1,865,621.07	1,274,355.89	36.12093894	-107.48946693
6,990.00	89.43	316.49	5,084.58	1,780.21	1,135.29	1,865,687.88	1,274,292.66	36.12112025	-107.48968387
7,082.00	89.52	315.26	5,085.42	1,846.25	1,071.24	1,865,753.92	1,274,228.61	36.12129937	-107.48990354
7,172.00	89.74	314.64	5,086.00	1,909.83	1,007.55	1,865,817.50	1,274,164.91	36.12147177	-107.49012191
7,262.00	90.22	314.12	5,086.03	1,972.78	943.23	1,865,880.45	1,274,100.59	36.12164240	-107.49034238
7,354.00	90.75	313.94	5,085.25	2,036.72	877.08	1,865,944.39	1,274,034.45	36.12181570	-107.49056906
7,447.00	88.73	315.35	5,085.68	2,102.06	810.92	1,866,009.73	1,273,968.29	36.12199286	-107.49079586
7,539.00	88.42	315.17	5,087.96	2,167.39	746.18	1,866,075.06	1,273,903.55	36.12217001	-107.49101784
7,630.00	87.85	314.03	5,090.92	2,231.25	681.42	1,866,138.92	1,273,838.79	36.12234314	-107.49123982
7,720.00	91.32	314.73	5,091.58	2,294.19	617.11	1,866,201.86	1,273,774.48	36.12251373	-107.49146026
7,812.00	91.76	314.82	5,089.10	2,358.96	551.83	1,866,266.63	1,273,709.19	36.12268935	-107.49168407
7,902.00	89.25	315.44	5,088.31	2,422.74	488.34	1,866,330.41	1,273,645.71	36.12286228	-107.49190176
7,994.00	89.03	314.82	5,089.69	2,487.93	423.44	1,866,395.60	1,273,580.81	36.12303906	-107.49212428
8,086.00	89.08	314.38	5,091.21	2,552.52	357.94	1,866,460.19	1,273,515.31	36.12321416	-107.49234881
8,178.00	88.81	314.56	5,092.90	2,616.96	292.30	1,866,524.63	1,273,449.67	36.12338883	-107.49257381
8,270.00	88.55	314.12	5,095.02	2,681.24	226.52	1,866,588.91	1,273,383.89	36.12356308	-107.49279929
8,362.00	90.31	314.29	5,095.94	2,745.38	160.58	1,866,653.05	1,273,317.94	36.12373692	-107.49302531
8,451.00	90.09	314.12	5,095.63	2,807.44	96.78	1,866,715.10	1,273,254.14	36.12390511	-107.49324398
8,543.00	89.82	313.41	5,095.70	2,871.07	30.34	1,866,778.74	1,273,187.70	36.12407755	-107.49347166
8,659.00	89.56	315.44	5,096.33	2,952.26	-52.50	1,866,859.93	1,273,104.87	36.12429764	-107.49375562
8,750.00	88.95	314.64	5,097.51	3,016.65	-116.80	1,866,924.32	1,273,040.57	36.12447221	-107.49397607
8,842.00	88.99	314.21	5,099.16	3,081.04	-182.49	1,866,988.70	1,272,974.88	36.12464674	-107.49420126
8,934.00	90.84	316.05	5,099.30	3,146.23	-247.39	1,867,053.90	1,272,909.98	36.12482352	-107.49442380
9,025.00	90.53	315.35	5,098.21	3,211.35	-310.94	1,867,119.02	1,272,846.43	36.12500015	-107.49464177
9,117.00	90.48	314.91	5,097.40	3,276.55	-375.84	1,867,184.22	1,272,781.52	36.12517693	-107.49486432
9,209.00	90.26	314.91	5,096.81	3,341.50	-441.00	1,867,249.17	1,272,716.37	36.12535303	-107.49508771
9,301.00	90.13	314.47	5,096.49	3,406.20	-506.40	1,867,313.87	1,272,650.97	36.12552843	-107.49531194
9,394.00	90.97	316.93	5,095.60	3,472.75	-571.35	1,867,380.42	1,272,586.02	36.12570893	-107.49553469
9,484.00	91.05	317.46	5,094.01	3,538.77	-632.49	1,867,446.44	1,272,524.88	36.12588810	-107.49574456
9,576.00	91.10	316.31	5,092.29	3,605.92	-695.36	1,867,513.59	1,272,462.01	36.12607030	-107.49596031
9,668.00	91.27	315.79	5,090.39	3,672.14	-759.19	1,867,579.81	1,272,398.17	36.12624993	-107.49617930



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,757.00	91.41	315.88	5,088.30	3,735.96	-821.19	1,867,643.63	1,272,336.18	36.12642304	-107.49639194
9,849.00	91.85	315.79	5,085.69	3,801.93	-885.26	1,867,709.60	1,272,272.11	36.12660197	-107.49661172
9,939.00	91.80	315.26	5,082.82	3,866.12	-948.28	1,867,773.79	1,272,209.09	36.12677604	-107.49682787
10,031.00	91.58	315.08	5,080.11	3,931.34	-1,013.11	1,867,839.01	1,272,144.25	36.12695288	-107.49705019
10,123.00	91.67	314.82	5,077.50	3,996.31	-1,078.20	1,867,903.98	1,272,079.17	36.12712903	-107.49727336
10,213.00	90.04	316.40	5,076.16	4,060.61	-1,141.14	1,867,968.28	1,272,016.22	36.12730342	-107.49748926
10,304.00	89.82	315.61	5,076.27	4,126.08	-1,204.35	1,868,033.74	1,271,953.02	36.12748099	-107.49770609
10,394.00	89.60	314.91	5,076.72	4,190.00	-1,267.70	1,868,097.67	1,271,889.67	36.12765433	-107.49792334
10,486.00	89.60	314.38	5,077.37	4,254.65	-1,333.15	1,868,162.32	1,271,824.21	36.12782958	-107.49814775
10,577.00	89.52	313.77	5,078.06	4,317.95	-1,398.53	1,868,225.61	1,271,758.84	36.12800112	-107.49837183
10,669.00	89.78	316.23	5,078.63	4,383.00	-1,463.58	1,868,290.66	1,271,693.79	36.12817748	-107.49859488
10,761.00	89.43	316.40	5,079.26	4,449.52	-1,527.12	1,868,357.19	1,271,630.25	36.12835795	-107.49881290
10,852.00	89.21	316.14	5,080.34	4,515.28	-1,590.02	1,868,422.94	1,271,567.35	36.12853632	-107.49902871
10,944.00	88.95	315.52	5,081.82	4,581.26	-1,654.12	1,868,488.92	1,271,503.25	36.12871528	-107.49924859
11,037.00	88.68	315.44	5,083.74	4,647.55	-1,719.31	1,868,555.22	1,271,438.06	36.12889506	-107.49947219
11,129.00	88.64	314.73	5,085.89	4,712.68	-1,784.25	1,868,620.35	1,271,373.12	36.12907165	-107.49969488
11,221.00	88.64	314.38	5,088.08	4,777.21	-1,849.79	1,868,684.88	1,271,307.58	36.12924656	-107.49991958
11,312.00	90.48	316.40	5,088.78	4,841.99	-1,913.69	1,868,749.65	1,271,243.68	36.12942221	-107.50013873
11,404.00	91.23	316.05	5,087.40	4,908.41	-1,977.33	1,868,816.07	1,271,180.04	36.12960239	-107.50035709
11,495.00	89.91	316.58	5,086.50	4,974.21	-2,040.18	1,868,881.88	1,271,117.20	36.12978089	-107.50057274
11,586.00	89.78	315.88	5,086.74	5,039.92	-2,103.13	1,868,947.59	1,271,054.25	36.12995915	-107.50078872
11,679.00	89.34	314.82	5,087.46	5,106.08	-2,168.48	1,869,013.75	1,270,988.89	36.13013854	-107.50101287
11,769.00	89.12	317.19	5,088.67	5,170.82	-2,230.98	1,869,078.48	1,270,926.39	36.13031413	-107.50122731
11,861.00	89.12	316.67	5,090.08	5,238.02	-2,293.80	1,869,145.68	1,270,863.57	36.13049647	-107.50144292
11,954.00	89.60	316.49	5,091.12	5,305.56	-2,357.72	1,869,213.23	1,270,799.65	36.13067972	-107.50166227
12,046.00	90.18	316.31	5,091.30	5,372.18	-2,421.16	1,869,279.85	1,270,736.21	36.13086046	-107.50187998
12,137.00	90.53	316.40	5,090.73	5,438.03	-2,483.97	1,869,345.70	1,270,673.40	36.13103909	-107.50209549
12,229.00	90.92	315.96	5,089.57	5,504.41	-2,547.67	1,869,412.07	1,270,609.71	36.13121914	-107.50231404
12,321.00	90.97	315.96	5,088.05	5,570.53	-2,611.61	1,869,478.20	1,270,545.76	36.13139849	-107.50253342
12,410.00	90.79	315.08	5,086.68	5,634.03	-2,673.96	1,869,541.69	1,270,483.41	36.13157066	-107.50274729
12,503.00	89.91	315.52	5,086.12	5,700.13	-2,739.38	1,869,607.79	1,270,418.00	36.13174990	-107.50297165
12,595.00	88.59	316.58	5,087.32	5,766.36	-2,803.22	1,869,674.02	1,270,354.15	36.13192953	-107.50319069
12,688.00	88.64	316.23	5,089.57	5,833.69	-2,867.33	1,869,741.35	1,270,290.04	36.13211219	-107.50341069
12,779.00	89.03	316.40	5,091.42	5,899.48	-2,930.17	1,869,807.14	1,270,227.20	36.13229067	-107.50362632
12,869.00	89.47	316.49	5,092.60	5,964.70	-2,992.18	1,869,872.36	1,270,165.19	36.13246759	-107.50383912
12,962.00	90.31	316.93	5,092.77	6,032.39	-3,055.95	1,869,940.06	1,270,101.43	36.13265125	-107.50405798
13,052.00	89.52	317.46	5,092.91	6,098.42	-3,117.10	1,870,006.09	1,270,040.27	36.13283043	-107.50426792
13,144.00	89.65	317.11	5,093.57	6,166.02	-3,179.51	1,870,073.68	1,269,977.86	36.13301387	-107.50448216
13,236.00	90.53	317.19	5,093.43	6,233.46	-3,242.07	1,870,141.13	1,269,915.30	36.13319689	-107.50469695
13,329.00	88.33	317.81	5,094.35	6,302.02	-3,304.90	1,870,209.69	1,269,852.48	36.13338296	-107.50491265
13,421.00	88.73	317.72	5,096.71	6,370.12	-3,366.72	1,870,277.78	1,269,790.66	36.13356779	-107.50512493
13,512.00	89.74	318.51	5,097.93	6,437.86	-3,427.47	1,870,345.52	1,269,729.91	36.13375169	-107.50533357
13,604.00	90.35	318.51	5,097.86	6,506.77	-3,488.41	1,870,414.43	1,269,668.96	36.13393880	-107.50554295
13,695.00	90.48	318.60	5,097.20	6,574.98	-3,548.65	1,870,482.64	1,269,608.73	36.13412400	-107.50574986
13,787.00	88.33	317.28	5,098.15	6,643.28	-3,610.27	1,870,550.94	1,269,547.10	36.13430939	-107.50596150
13,877.00	88.55	316.93	5,100.60	6,709.19	-3,671.50	1,870,616.85	1,269,485.87	36.13448824	-107.50617171
13,970.00	89.30	316.93	5,102.35	6,777.11	-3,735.00	1,870,684.78	1,269,422.37	36.13467254	-107.50638968
14,062.00	90.35	316.93	5,102.63	6,844.32	-3,797.83	1,870,751.98	1,269,359.55	36.13485489	-107.50660533
14,153.00	90.88	316.84	5,101.65	6,910.75	-3,860.02	1,870,818.41	1,269,297.36	36.13503512	-107.50681881
14,246.00	88.86	316.40	5,101.86	6,978.34	-3,923.89	1,870,886.00	1,269,233.48	36.13521848	-107.50703803
14,336.00	88.81	315.52	5,103.69	7,043.02	-3,986.44	1,870,950.68	1,269,170.93	36.13539391	-107.50725265
14,427.00	89.43	315.35	5,105.09	7,107.84	-4,050.29	1,871,015.50	1,269,107.08	36.13556969	-107.50747167
14,520.00	89.56	315.08	5,105.91	7,173.85	-4,115.80	1,871,081.51	1,269,041.57	36.13574864	-107.50769638
14,612.00	89.69	314.21	5,106.51	7,238.50	-4,181.25	1,871,146.16	1,268,976.12	36.13592387	-107.50792083
14,703.00	89.74	313.41	5,106.97	7,301.49	-4,246.92	1,871,209.15	1,268,910.45	36.13609455	-107.50814593



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well S Escavada Unit 371 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Site:	S Escavada Unit	MD Reference:	RKB=7028+28 @ 7056.00ft (Ensign 773)
Well:	S Escavada Unit 371 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Dec2220_v16

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
14,795.00	90.18	312.89	5,107.03	7,364.41	-4,314.04	1,871,272.07	1,268,843.33	36.13626497	-107.50837595
14,886.00	89.60	312.54	5,107.20	7,426.14	-4,380.90	1,871,333.80	1,268,776.47	36.13643213	-107.50860504
14,978.00	90.26	315.52	5,107.32	7,490.08	-4,447.04	1,871,397.74	1,268,710.33	36.13660538	-107.50883178
15,070.00	87.98	316.67	5,108.73	7,556.35	-4,510.83	1,871,464.01	1,268,646.55	36.13678512	-107.50905066
15,159.00	88.99	317.02	5,111.08	7,621.25	-4,571.68	1,871,528.91	1,268,585.70	36.13696121	-107.50925955
15,251.00	90.26	317.02	5,111.69	7,688.55	-4,634.40	1,871,596.21	1,268,522.98	36.13714383	-107.50947486
15,342.00	91.58	316.93	5,110.22	7,755.07	-4,696.48	1,871,662.73	1,268,460.90	36.13732430	-107.50968798
15,432.00	89.08	317.63	5,109.71	7,821.18	-4,757.53	1,871,728.84	1,268,399.85	36.13750371	-107.50989760
15,523.00	89.47	317.98	5,110.86	7,888.60	-4,818.64	1,871,796.26	1,268,338.73	36.13768668	-107.51010749
15,615.00	90.62	317.72	5,110.79	7,956.80	-4,880.38	1,871,864.46	1,268,276.99	36.13787182	-107.51031953
15,707.00	91.49	317.72	5,109.09	8,024.86	-4,942.26	1,871,932.52	1,268,215.11	36.13805652	-107.51053205
15,799.00	91.93	317.02	5,106.35	8,092.52	-5,004.54	1,872,000.18	1,268,152.83	36.13824013	-107.51074590
Survey @ 15799.00 MD 5106.35 TVD									
15,838.00	91.93	317.02	5,105.03	8,121.03	-5,031.12	1,872,028.69	1,268,126.26	36.13831750	-107.51083712
Frac Sleeve @ 15838.00 MD 5105.03 TVD									
15,861.00	91.93	317.02	5,104.26	8,137.85	-5,046.79	1,872,045.51	1,268,110.59	36.13836313	-107.51089093
LTP 330 perp @ 15861 MD 5104.26 TVD									
15,963.00	91.93	317.02	5,100.82	8,212.43	-5,116.29	1,872,120.09	1,268,041.09	36.13856548	-107.51112952
Survey Proj. to 15963.00 MD 5100.82 TVD									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
443.00	442.99	-2.11	1.13	MWD surveys
5,037.00	4,555.30	324.83	1,862.98	FTP 330 perp @ 5037.00 MD 4555.30 TVD
5,729.00	5,004.65	810.19	1,911.11	Mancos G Formation top 5729.00 MD 5004.65 TVD
15,799.00	5,106.35	8,092.52	-5,004.54	Survey @ 15799.00 MD 5106.35 TVD
15,838.00	5,105.03	8,121.03	-5,031.12	Frac Sleeve @ 15838.00 MD 5105.03 TVD
15,861.00	5,104.26	8,137.85	-5,046.79	LTP 330 perp @ 15861 MD 5104.26 TVD
15,963.00	5,100.82	8,212.43	-5,116.29	Survey Proj. to 15963.00 MD 5100.82 TVD

WELL NAME: S ESCAVADA UNIT 371H**OBJECTIVE: Drill, complete, and equip single lateral in the Mancos-H formation****API Number:** 30-043-21346**AFE Number:** DV03061**ER Well Number:** NM08253.01**State:** New Mexico**County:** Sandoval**Surface Elev.:** 7,028 ft ASL (GL) 7,056 ft ASL (KB)**Surface Location:** 29-22N-06W Sec-Twn- Rng 164 ft FNL 2,250 ft FWL**BH Location:** 18-22N-06W Sec-Twn- Rng 2239 ft FSL 2261 ft FWL**Driving Directions:** FROM THE INTERSECTION OF US HWY 550 & US HWY 64 IN BLOOMFIELD, NM:

South on US Hwy 550 for 54.4 miles to MM 97.5; Right (South) on Indian Service Route #46 for 3.5 miles to fork; Right (South) on ISR #36 for 1.1 miles to fork; Right (South) on ISR #46 for 4.9 miles to fork; Right (West) on ISR #46 for 0.3 miles; Right (North) on access road into S Escavada Unit 368H Pad (Wells: 368H, 370H, 371H).

QUICK REFERENCE	
Sur TD (MD)	350 ft
Int TD (MD)	3,367 ft
Int TD (TVD)	3,113 ft
KOP (MD)	5,018 ft
KOP (TVD)	4,518 ft
Target (TVD)	5,101 ft
Curve BUR	10 °/100 ft
POE (MD)	6,156 ft
TD (MD)	15,883 ft
Lat Len (ft)	9,727 ft

WELL CONSTRUCTION SUMMARY:

	Hole (in)	TD MD (ft)	Csg (in)	Csg (lb/ft)	Csg (grade)	Csg (conn)	Csg Top (ft)	Csg Bot (ft)
Surface	17.500	350	13.375	54.5	J-55	BTC	0	350
Intermediate	12.250	3,367	9.625	36.0	J-55	LTC	0	3,367
Production	8.500	15,883	5.500	17.0	P-110	LTC	0	15,883

CEMENT PROPERTIES SUMMARY:

	Type	Wt (ppg)	Yd (cuft/sk)	Wtr (gal/sk)	Hole Cap. (cuft/ft)	% Excess	TOC (ft MD)	Total (sx)
Surface	Type III	14.6	1.39	6.686	0.6946	100%	0	350
Inter. (Lead)	III:POZ Blend	12.5	2.13	12.05	0.3627	70%	0	890
Inter. (Tail)	Type III	14.6	1.38	6.64	0.3132	20%	2,867	136
Prod. (Lead)	Type III	12.3	2.260	12.8	0.2691	65%	0	649
Prod. (Tail)	G:POZ blend	13.3	1.550	7.7	0.2291	10%	4,851	1,794

COMPLETION / PRODUCTION SUMMARY:**Frac:** 44 plug-and-perf stages with 330,000 bbls slickwater fluid and 15,000,000 lbs of proppant (estimated)**Flowback:** Flow back through production tubing as pressures allow (ESP may be used for load recovery assistance)**Production:** Produce through production tubing via gas-lift into permanent production and storage facilities

Tops	TVD (ft KB)	MD (ft KB)
Ojo Alamo	926	926
Kirtland	1,056	1,056
Fruitland	1,226	1,227
Pictured Cliffs	1,506	1,517
Lewis	1,645	1,670
Chacra	1,895	1,958
Cliff House	2,963	3,204
Menefee	3,013	3,262
Point Lookout	3,896	4,292
Mancos	4,045	4,467
Gallup (MNCS_A)	4,375	4,851
MNCS_B	4,485	4,979
MNCS_C	4,569	5,078
MNCS_Cms	4,614	5,129
MNCS_D	4,739	5,276
MNCS_E	4,890	5,470
MNCS_F	4,930	5,530
MNCS_G	5,010	5,672
MNCS_H	5,071	5,836
P.O.E. TARGET	5,101	6,156
PROJECTED TD	5,161	15,883

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

ACKNOWLEDGMENTS

Action 62264

ACKNOWLEDGMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 62264
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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 62264

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 62264
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 2/15/2022.	11/19/2021