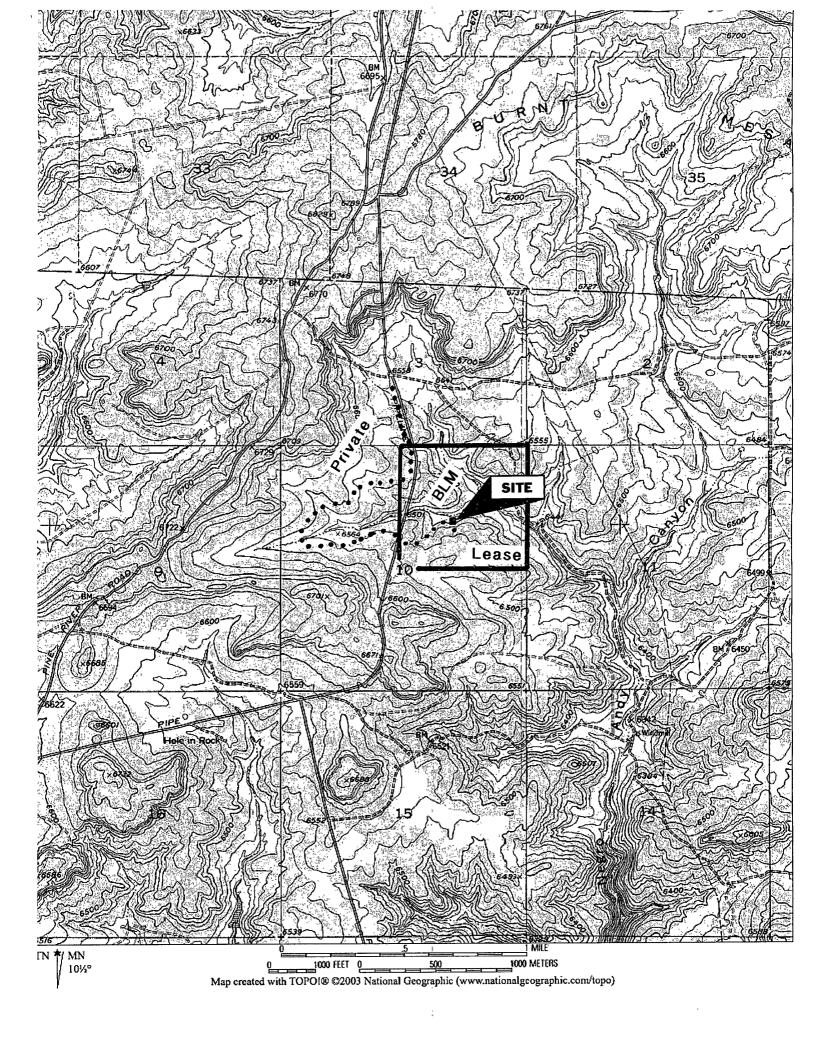
# **UNITED STATES**

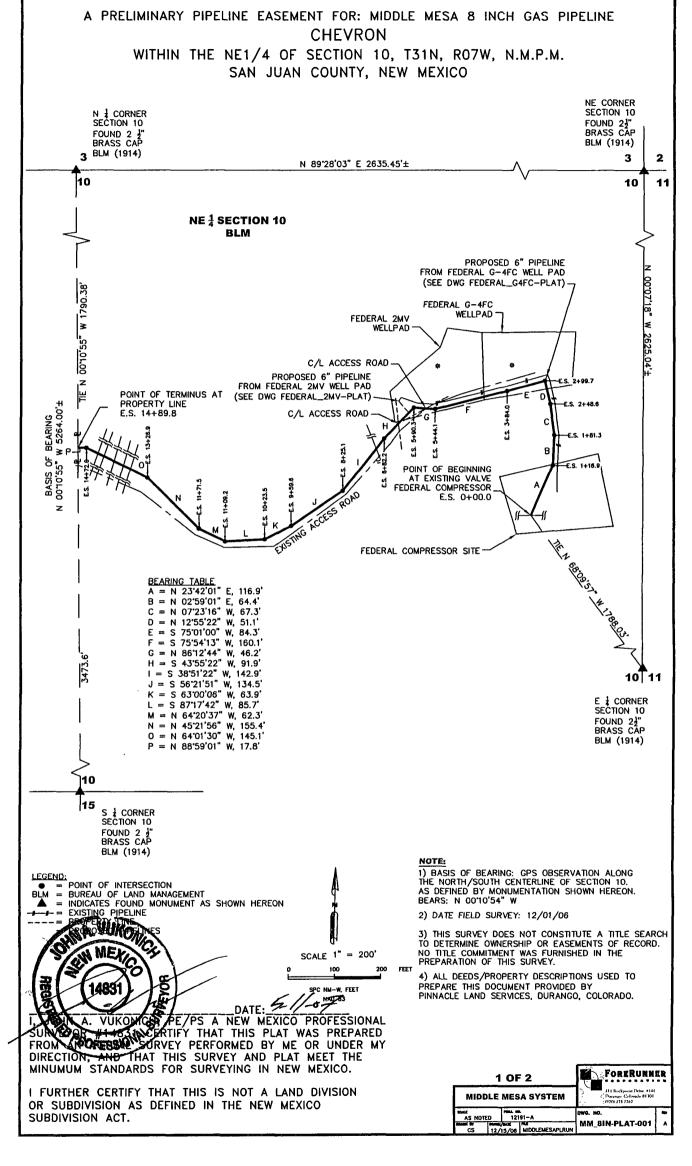
FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007	
e Serial No.	

(April 2004)	DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT			OM B No. 1004-0137 Expires: March 31, 2007	
SUNDR	Y NOTICES AND REF	5. Lease Serial No. NMNM-\$28749			
Do not use	this form for proposals to well. Use Form 3160-3 (A	o drill or to re-e	nter-an-LV LZ	M. If Indian, Allottee or Tribe Name N/A	
SUBMIT IN TI	RIPLICATE- Other instr	uctions on rever	se side.RECEIVE	7) If Unit or CA/Agreement, Name and/or No.	
1. Type of Well Oil Well 🗆	Gas Well□□ Other		210 FARAIR	NMNM-087094	
2. Name of Operator FOUR STA				8. Well Name and No. FEDERAL G #4	
3a. Address	AR OIL & GAS COMPANY	3b. Phone No. (include		9. API Well No. 30-045-27734	
11111 SOUTH WILCREST,	HOUSTON, TX 77099	281 561-4896	ureu code)	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec	., T., R., M., or Survey Description)			BASIN FRUITLAND COAL GAS	
1620' FNL & 1685' FEL 10-	31N-7W, NMPM			11. County or Parish, State	
				SAN JUAN COUNTY, NM	
	APPROPRIATE BOX(ES) TO			PORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start	· —	
Subsequent Report	Casing Repair	New Construction	Reclamation Recomplete	Well Integrity Other	
	Change Plans	Plug and Abandon	Temporarily Abar		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
If the proposal is to deepen d Attach the Bond under which following completion of the i	rectionally or recomplete horizontall the work will be performed or provi- involved operations. If the operation Final Abandonment Notices shall be	y, give subsurface location de the Bond No. on file w results in a multiple comp	ns and measured and true with BLM/BIA. Required letion or recompletion in a	proposed work and approximate duration thereof. vertical depths of all pertinent markers and zones. subsequent reports shall be filed within 30 days a new interval, a Form 3160-4 shall be filed once ion, have been completed, and the operator has	
Water line will operate a Maximum disturbed wic		te at ≈10 psi.			
	2,367.6' BLM + 6,831.7' private) of way. Detour on private.	•		Factories	
				RCVD JUL 31'07	
				OIL CONS. DIV.	
				0151. 3	
		•			
ce: BLM, Jackson					
14. I hereby certify that the fo	regoing is true and correct	1			
Name (Printed/Typed) <b>BRIAN WOOI</b>	PHONE 505 46	6-8120) Title C	ONSULTANT	(FAX 505 466-9682)	
Signature BL	Ind	Date	05/	/15/2007	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or Title EPTL certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon

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.





## A PRELIMINARY PIPELINE SURVEY FOR: MIDDLE MESA 8 INCH GAS PIPELINE CHEVRON

WITHIN THE NE1/4 OF SECTION 10, T31N, R07W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

## AN EASEMENT DESCRIPTION BUREAU OF LAND MANAGEMENT PROPERTY:

AN EASEMENT AND RIGHT OF WAY OVER AND ACROSS A PORTION OF LAND IN THE NW1/4 OF SECTION 10, T31N, R07W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO. BEING MORE PARTICULARLY DESCRIBED AS HAVING A 40 FOOT TOTAL RIGHT-OF-WAY FOR THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE EAST QUARTER CORNER OF SECTION 10, THENCE N 68°09'57" W A DISTANCE OF 1788.03 FEET, MORE OR LESS, TO THE "POINT OF BEGINNING" FOR THIS DESCRIPTION.

THENCE: N 23'42'01" E, A DISTANCE OF 116.9 FEET;
THENCE: N 02'59'01" E, A DISTANCE OF 64.4 FEET;
THENCE: N 07'23'16" W, A DISTANCE OF 57.3 FEET;
THENCE: N 12'55'22" W, A DISTANCE OF 51.1 FEET;
THENCE: S 75'01'00" W, A DISTANCE OF 51.1 FEET;
THENCE: S 75'04'13" W, A DISTANCE OF 160.1 FEET;
THENCE: N 86'12'44" W, A DISTANCE OF 160.1 FEET;
THENCE: S 43'55'22" W, A DISTANCE OF 91.9 FEET;
THENCE: S 38'51'22" W, A DISTANCE OF 142.9 FEET;
THENCE: S 56'21'51" W, A DISTANCE OF 134.5 FEET;
THENCE: S 63'00'06" W, A DISTANCE OF 134.5 FEET;
THENCE: S 87'17'42" W, A DISTANCE OF 63.9 FEET;
THENCE: N 64'20'37" W, A DISTANCE OF 62.3 FEET;
THENCE: N 64'20'37" W, A DISTANCE OF 62.3 FEET;
THENCE: N 64'01'30" W, A DISTANCE OF 155.4 FEET;
THENCE: N 64'01'30" W, A DISTANCE OF 155.4 FEET;
THENCE: N 88'59'01" W, A DISTANCE OF 17.8 FEET, MORE OR LESS; TO A "POINT OF TERMINUS", WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 10, BEARS N 00'10'54" W, A DISTANCE OF 1790.38 FEET, MORE OR LESS.

LENGTH OF LINE THROUGH BUREAU OF LAND MANAGEMENT PROPERTY IS 1489.8 FEET OR 90.3 RODS, CONTAINS 1.368 ACRES, MORE OR LESS.



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### A PRELIMINARY PIPELINE SURVEY FOR: MIDDLE MESA 8 INCH GAS PIPELINE CHEVRON

WITHIN THE NE1/4 OF SECTION 10, T31N, R07W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

### AN EASEMENT DESCRIPTION **BUREAU OF LAND MANAGEMENT PROPERTY:**

AN EASEMENT AND RIGHT OF WAY OVER AND ACROSS A PORTION OF LAND IN THE NW1/4 OF SECTION 10, T31N, R07W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO. BEING MORE PARTICULARLY DESCRIBED AS HAVING A 40 FOOT TOTAL RIGHT—OF—WAY FOR THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE EAST QUARTER CORNER OF SECTION 10, THENCE N  $68^{\circ}09'57"$  W A DISTANCE OF 1788.03 FEET, MORE OR LESS, TO THE "POINT OF BEGINNING" FOR THIS DESCRIPTION.

THENCE: N 23'42'01" E, A DISTANCE OF 116.9 FEET;
THENCE: N 02'59'01" E, A DISTANCE OF 64.4 FEET;
THENCE: N 07'23'16" W, A DISTANCE OF 67.3 FEET;
THENCE: N 12'55'22" W, A DISTANCE OF 51.1 FEET;
THENCE: S 75'01'00" W, A DISTANCE OF 84.3 FEET;
THENCE: S 75'54'13" W, A DISTANCE OF 160.1 FEET;
THENCE: N 86'12'44" W, A DISTANCE OF 46.2 FEET;
THENCE: S 43'55'22" W, A DISTANCE OF 19.9 FEET;
THENCE: S 38'51'22" W, A DISTANCE OF 142.9 FEET;
THENCE: S 56'21'51" W, A DISTANCE OF 142.9 FEET;
THENCE: S 63'00'06" W, A DISTANCE OF 63.9 FEET;
THENCE: S 63'00'06" W, A DISTANCE OF 63.9 FEET;
THENCE: N 64'20'37" W, A DISTANCE OF 62.3 FEET;
THENCE: N 64'20'37" W, A DISTANCE OF 155.4 FEET;
THENCE: N 64'21'56" W, A DISTANCE OF 155.4 FEET;
THENCE: N 64'21'56" W, A DISTANCE OF 155.4 FEET;
THENCE: N 88'59'01" W, A DISTANCE OF 17.8 FEET, MORE OR LESS; TO A "POINT OF TERMINUS", WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 10,
BEARS N 00'10'54" W, A DISTANCE OF 1790.38 FEET, MORE OR LESS.

LENGTH OF LINE THROUGH BUREAU OF LAND MANAGEMENT PROPERTY IS 1489.8 FEET OR 90.3 RODS, CONTAINS 1.368 ACRES, MORE OR LESS.



2 OF 2

MIDDLE MESA SYSTEM

FORERUNNER

## A PRELIMINARY PIPELINE EASEMENT FOR : MIDDLE MESA 8 INCH GAS PIPELINE CHEVRON

WITHIN THE NE1/4 OF SECTION 10, T31N, R07W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

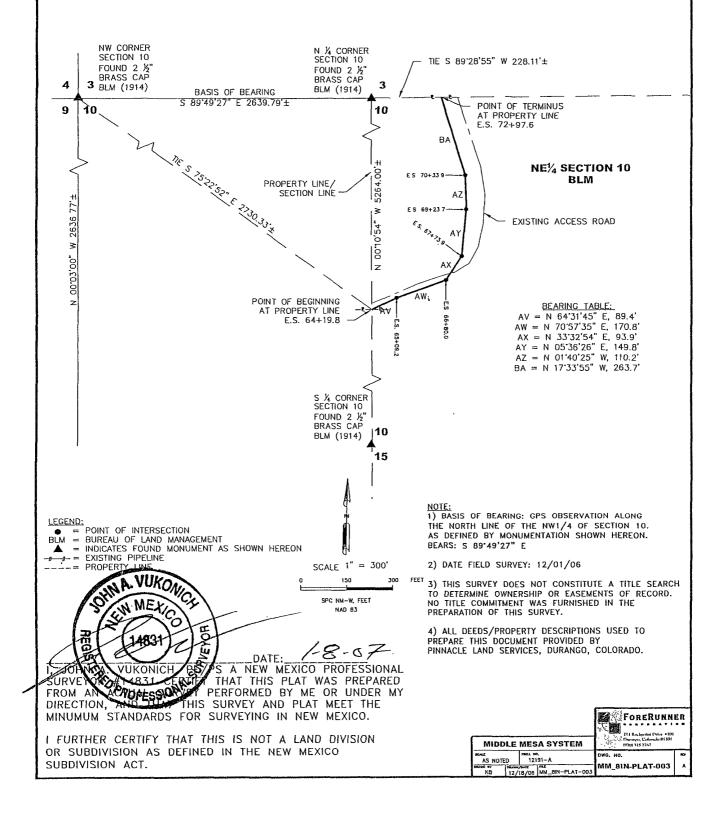
### AN EASEMENT DESCRIPTION BUREAU OF LAND MANAGEMENT:

AN EASEMENT AND RIGHT-OF-WAY OVER AND ACROSS A PORTION OF LAND IN THE NW1/4 NE1/4 OF SECTION 10, T31N, R07W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO. BEING MORE PARTICULARLY DESCRIBED AS HAVING A 40 FOOT TOTAL RIGHT-OF-WAY FOR THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE NW CORNER OF SECTION 10, THENCE S 75'22'52" E A DISTANCE OF 2730.33 FEET, MORE OR LESS, TO THE "POINT OF BEGINNING" FOR THIS DESCRIPTION.

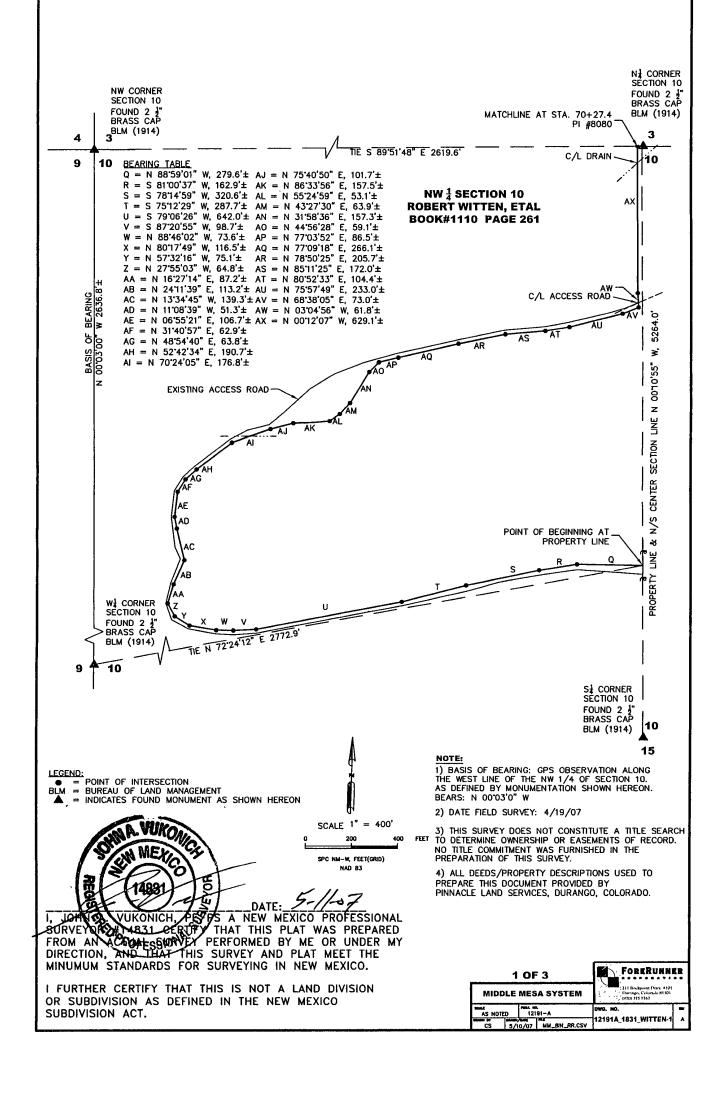
THENCE: N 64'31'45" E A DISTANCE OF 89.4 FEET;
THENCE: N 70'57'35" E A DISTANCE OF 170.8 FEET;
THENCE: N 33'32'54" E A DISTANCE OF 93.9 FEET;
THENCE: N 05'36'26" E A DISTANCE OF 149.8 FEET;
THENCE: N 01'40'25" W A DISTANCE OF 110.2 FEET;
THENCE: N 17'33'55" W A DISTANCE OF 263.7 FEET, MORE OR LESS; TO A "POINT OF TERMINUS", WHENCE THE N ½ CORNER OF SECTION 10,
BEARS S 89'28'55" W A DISTANCE OF 228.11 FEET, MORE OR LESS.

LENGTH OF LINE THROUGH BUREAU OF LAND MANAGEMENT PROPERTY IS 877.8 FEET OR 53.2 RODS, CONTAINS 0.806 ACRES, MORE OR LESS.



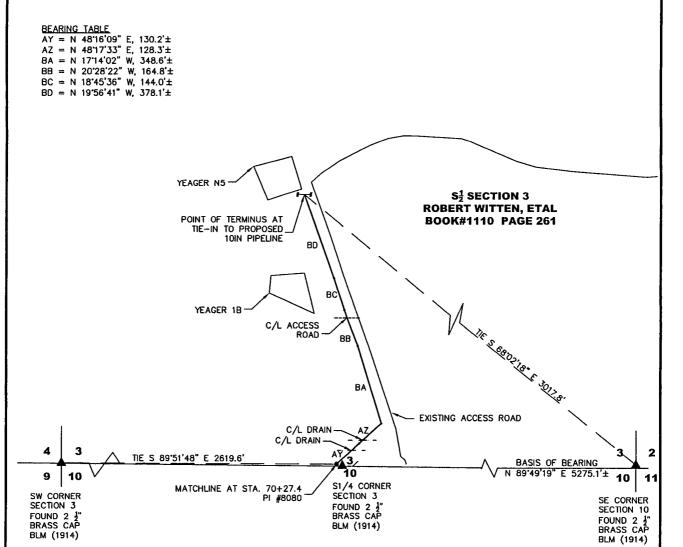
## A PRELIMINARY PIPELINE EASEMENT FOR: MIDDLE MESA 8 INCH GAS PIPELINE CHEVRON

WITHIN THE NW1/4 OF SECTION 10, T31N, R07W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO



## A PRELIMINARY PIPELINE EASEMENT FOR: MIDDLE MESA 8 INCH GAS PIPELINE CHEVRON

WITHIN THE S1/2 OF SECTION 3, T31N, R07W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO



DATE: 5-/-07

I, WHAN WUKONICH, FEEDS A NEW MEXICO PROFESSIONAL SURVEYOR 1831 CERTIFY THAT THIS PLAT WAS PREPARED FROM AN ACTUAL SURVEY PERFORMED BY ME OR UNDER MY DIRECTION, AND THAT THIS SURVEY AND PLAT MEET THE MINUMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

I FURTHER CERTIFY THAT THIS IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT.

### NOTE:

SCALE 1" = 400'

PC NM-W, FEET(GRID) NAD 83

- 1) BASIS OF BEARING: GPS OBSERVATION ALONG THE SOUTH LINE OF SECTION 3.
  AS DEFINED BY MONUMENTATION SHOWN HEREON. BEARS: N 89'49'19" E
- 2) DATE FIELD SURVEY: 4/19/07
- 3) THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH TO DETERMINE OWNERSHIP OR EASEMENTS OF RECORD. NO TITLE COMMITMENT WAS FURNISHED IN THE PREPARATION OF THIS SURVEY.
- 4) ALL DEEDS/PROPERTY DESCRIPTIONS USED TO PREPARE THIS DOCUMENT PROVIDED BY PINNACLE LAND SERVICES, DURANGO, COLORADO.



### A PRELIMINARY PIPELINE EASEMENT FOR: MIDDLE MESA 8 INCH GAS PIPELINE **CHEVRON**

WITHIN THE NW1/4 OF SECTION 10 & THE S1/2 OF SECTION 3, T31N, R07W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

#### AN EASEMENT DESCRIPTION ROBERT WITTEN, ET AL. PROPERTY:

AN EASEMENT AND RIGHT OF WAY OVER AND ACROSS A PORTION OF LAND IN THE NW1/4 OF SECTION 10 & S1/2 SECTION 3, T31N, R07W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO. BEING MORE PARTICULARLY DESCRIBED AS HAVING A 40 FOOT TOTAL RIGHT-OF-WAY FOR THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE W1/4 CORNER OF SECTION 10, THENCE N 72°24'12" E A DISTANCE OF 2772.9 FEET, MORE OR LESS, TO THE "POINT OF BEGINNING" FOR THIS DESCRIPTION.

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COMMENCING AT THE W1/4 CORNER OF SECTION 10, THENCE N 72'24'12" E A DISTANCE OF 2772.9 FEET, MORE OR LESS, TO THE "POR OF BEGINNING" FOR THIS DESCRIPTION.

THENCE: N 88'59'01" W, A DISTANCE OF 162.9 FEET; HENCE: S 81'00'37" W, A DISTANCE OF 162.9 FEET; HENCE: S 78'14'59" W, A DISTANCE OF 320.6 FEET; HENCE: S 75'12'29" W, A DISTANCE OF 287.7 FEET; HENCE: S 75'06'26" W, A DISTANCE OF 642.0 FEET; HENCE: S 87'20'55" W, A DISTANCE OF 642.0 FEET; HENCE: N 88'46'02" W, A DISTANCE OF 73.6 FEET; HENCE: N 80'17'49" W, A DISTANCE OF 116.5 FEET; HENCE: N 57'32'16" W, A DISTANCE OF 75.1 FEET; HENCE: N 57'32'16" W, A DISTANCE OF 64.8 FEET; HENCE: N 16'22'14" H, A DISTANCE OF 64.8 FEET; HENCE: N 12'755'03" W, A DISTANCE OF 113.2 FEET; HENCE: N 12'34'45" W, A DISTANCE OF 113.2 FEET; HENCE: N 13'34'45" W, A DISTANCE OF 139.3 FEET; HENCE: N 13'34'45" W, A DISTANCE OF 139.3 FEET; HENCE: N 13'05'57" E, A DISTANCE OF 62.9 FEET; HENCE: N 31'40'57" E, A DISTANCE OF 62.9 FEET; HENCE: N 35'42'40" E, A DISTANCE OF 106.7 FEET; HENCE: N 55'24'34" E, A DISTANCE OF 101.7 FEET; HENCE: N 55'24'59" E, A DISTANCE OF 101.7 FEET; HENCE: N 75'40'50" E, A DISTANCE OF 101.7 FEET; HENCE: N 75'40'50" E, A DISTANCE OF 101.7 FEET; HENCE: N 31'50'30" E, A DISTANCE OF 157.5 FEET; HENCE: N 31'50'30" E, A DISTANCE OF 53.1 FEET; HENCE: N 75'40'50" E, A DISTANCE OF 53.1 FEET; HENCE: N 75'40'50" E, A DISTANCE OF 101.7 FEET; HENCE: N 75'40'50" E, A DISTANCE OF 101.7 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 101.7 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 63.9 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 63.9 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 157.3 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 157.3 FEET; HENCE: N 77'03'52" E, A DISTANCE OF 157.3 FEET; HENCE: N 77'03'52" E, A DISTANCE OF 157.3 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 157.3 FEET; HENCE: N 77'03'52" E, A DISTANCE OF 157.3 FEET; HENCE: N 77'03'52" E, A DISTANCE OF 158.5 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 158.5 FEET; HENCE: N 75'50'30" E, A DISTANCE OF 158.5 FEET; HENCE: N 75'50'30" E, A DI
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LENGTH OF LINE THROUGH ROBERT WITTEN, ET AL. PROPERTY IS 6831.7 FEET OR 414.0 RODS, CONTAINS 6.273 ACRES, MORE OR LESS.



FORERUNNER 3 OF 3 MIDDLE MESA SYSTEM AS NOTED 12191-A

BIT OF STATES OF S 12191A\_1831\_WITTEN-

