	UNITED STATE EPARTMENT OF THE I BUREAU OF LAND MANA	INTERIOR			OMB N Expires: Ja	APPROVED O. 1004-0137 anuary 31, 2018
SUNDRY	NOTICES AND REPO	ORTS ON W			5. Lease Serial No. NMLC067849	
abandoned w	ell. Use form 3160-3 (AF	D) for such	proposals.		6. If Indian, Allottee o	or Tribe Name
SUBMIT IN	TRIPLICATE - Other ins	tructions on	page 2		7. If Unit or CA/Agree	ement, Name and/or No.
1. Type of Well Gas Well C	Vther	<u></u>			8. Well Name and No. EAGLE 34 K FED	ERAL 77
2. Name of Operator LIME ROCK RESOURCES	Contact: IIALP E-Mail: MIKE@PI	MIKE PIPP PPINLLC.COM			9. API Well No. 30-015-43886-0	00-X1
3a. Address 1111 BAGBY STREET SUIT HOUSTON, TX 77002	E 4600	3b. Phone No Ph: 505-32	o. (include area code) 27-4573		10. Field and Pool or I RED LAKE	Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			11. County or Parish,	State
Sec 34 T17S R27E NESW 2	440FSL 2465FWL				EDDY COUNTY	Υ, ΝΜ
12. CHECK THE A	APPROPRIATE BOX(ES)) TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF	F ACTION		
Notice of Intent	□ Acidize	🗖 Dee	epen	Product	ion (Start/Resume)	UWater Shut-Off
Subsequent Report	□ Alter Casing		Iraulic Fracturing	C Reclam		U Well Integrity
	Casing Repair	—	w Construction	Recom		Other Change to Original A
Final Abandonment Notice	Change Plans	_	g and Abandon Tempor g Back Water D ding estimated starting date of any p		arily Abandon Disposal	PD
testing has been completed. Final determined that the site is ready for THIS IS FOR A CHANGE TO FWL SEC 34, T17S R27E. The surface location on the o line was discovered across t the surface location to 2405' will remain the same. Pleas directional drilling plan.	final inspection. D THE ORIGINAL APD. T priginal APD for this new w he middle of the proposed FNL & 2440' FWL SEC 34	HE SURFAC vell became u location. It v 4 T17S R27E	E LOCATION WI nacceptable whe vas therefore nec	LL NOW Bl n a buried g essary to m pottom hole	E AT 2405' FNL & 24 pas ove location	
14. I hereby certify that the foregoing	is true and correct.			Accep	nd for record - NI Carpmons	NOCD 1-20-17 C. K. Jodsmy
Com	Electronic Submission # For LIME ROCH nitted to AFMSS for proces	<pre>K RESOURCES</pre>	II A LP, sent to t	he Carlsbad		Ŭ
Name (Printed/Typed) MIKE P	IPPIN		Title PETRO	LEUM ENG	INEER	
Signature (Electronic	: Submission)		Date 10/05/20	016		
<u> </u>	THIS SPACE F	OR FEDER	AL OR STATE	OFFICE U	SE	
Approved By CODY LAYTON			TitleNATURAL	RESOURC	E SPECIALIST	Date 01/19/2017
Conditions of approval, if any, are attack certify that the applicant holds legal or e which would entitle the applicant to con	quitable title to those rights in th		Office Carlsbac			
Title 18 U.S.C. Section 1001 and Title 4 States any false, fictitious or frauduler				willfully to m	ake to any department or	agency of the United
(Instructions on page 2) ** BLM RE	VISED ** BLM REVISE	D ** BLM R	EVISED ** BLN) ** BLM REVISE	D **

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District I 1625 N. French Dr., Hobbs, NM 38240 Phone, (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1233 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 37410 Phone: (305) 334-6178 Fax: (505) 334-6170 District JV 1220 S. St. Francis Dr., Santa Fe, NM 37505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

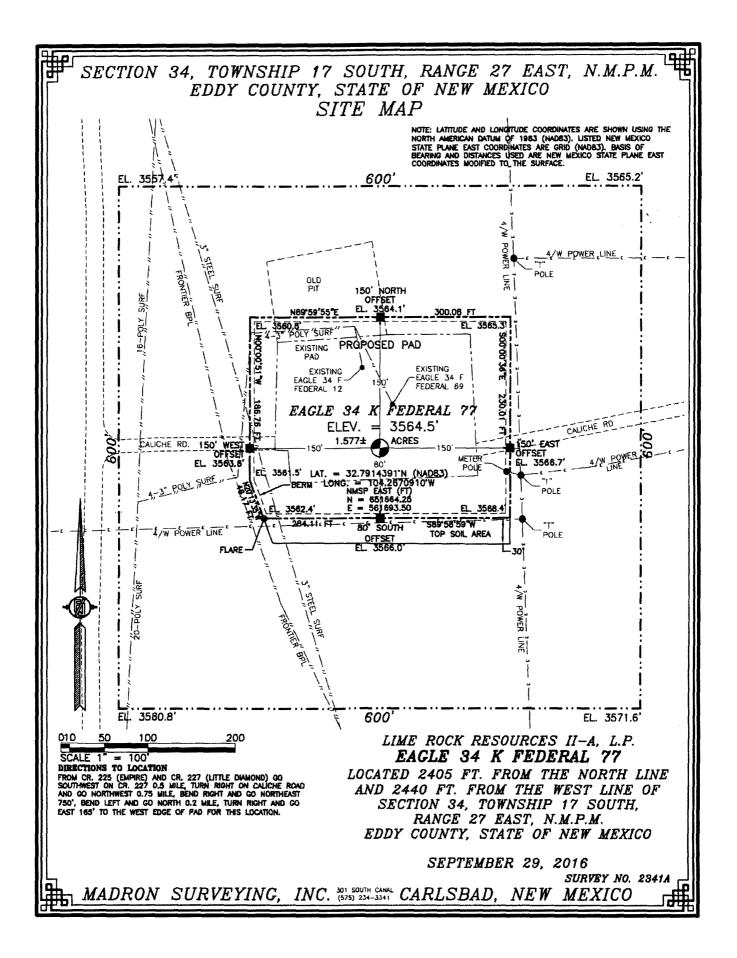
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

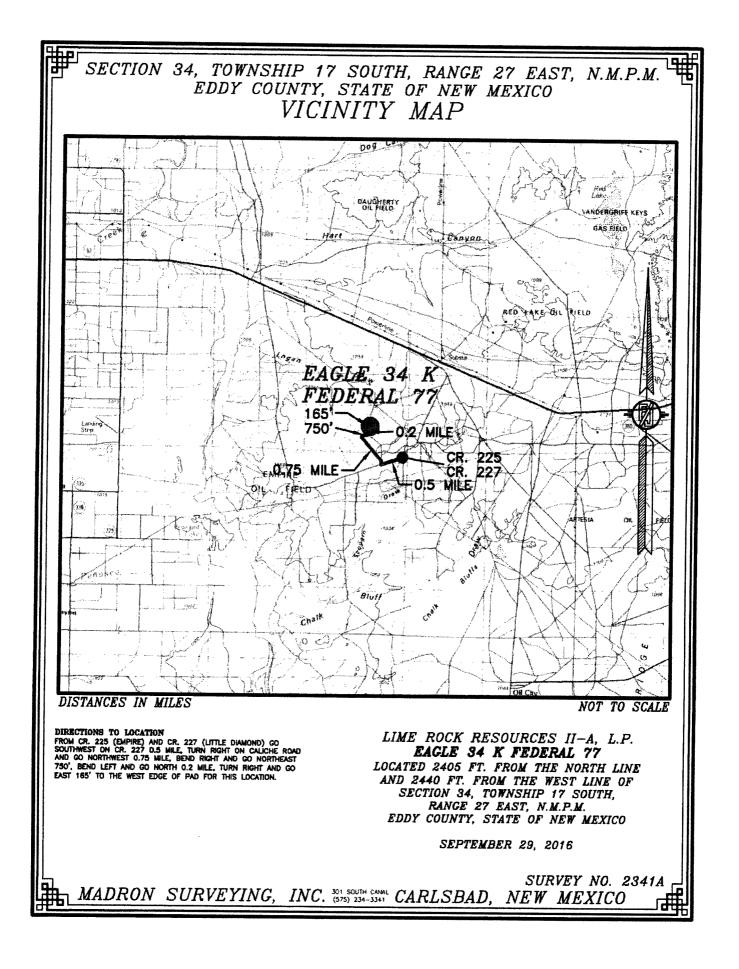
AMENDED REPORT

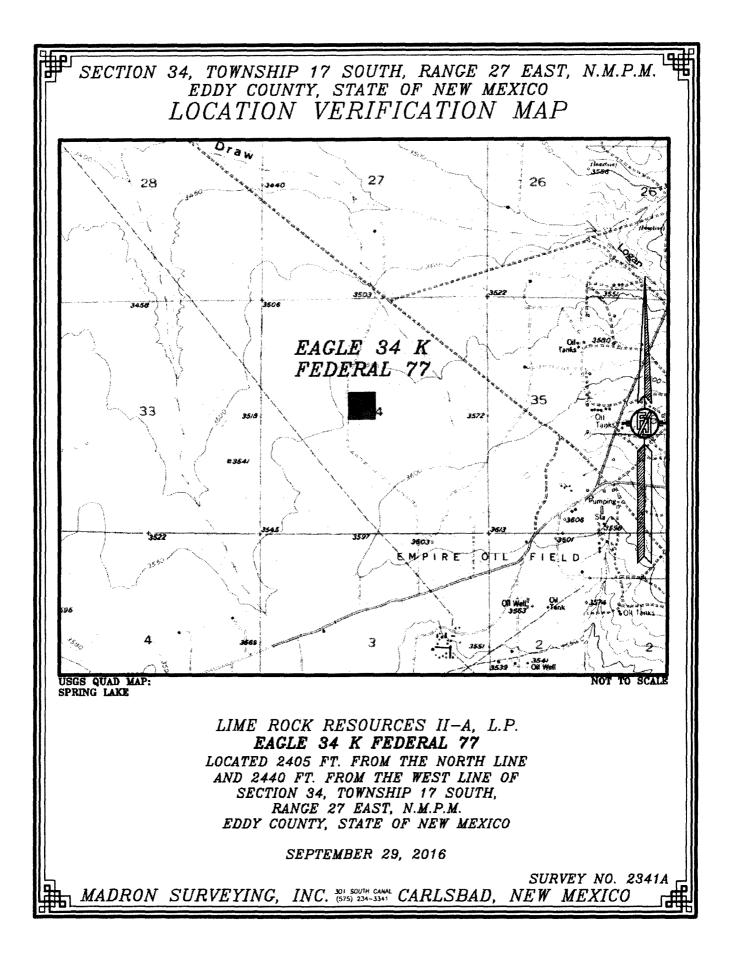
			<u>err rc</u>			REAGE DEDI	CATION PL.	AT	
*	API Numbe	r		² Pool Cod	e		' Pool Na	ime	
					L				· · · · · · · · · · · · · · · · · · ·
⁴ Property	1				⁵ Property	Name		l	⁶ Well Number
3089	57				EAGLE 34 K	FEDERAL			77
⁷ OGRID	No.				⁸ Operator	Name			'Elevation
27755	8			LIME I	ROCK RESOU	JRCES II-A, L.I	Ρ.		3564.5
					• Surface	Location		- RNS	1 ,
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the L	North/South line	Feet from the	East/West	
F	34	17 S	27 E		2405	NORTH	2440	WES	T EDDY
			" B	ottom He	ole Location	If Different Fr	om Surface	L.,	······
UL or lot no.	Section	Township	Range	Lot Idu	Feet from the	North/South line	Feet from the	East/West	line County
K	34	17 S	27 E		2310	SOUTH	2285	WES	Г EDDY
¹² Dedicated Acre	s ¹⁰ Joint	or Infill 14 (Consolidation	n Code			¹⁵ Order No.		
				l	······································	·····			

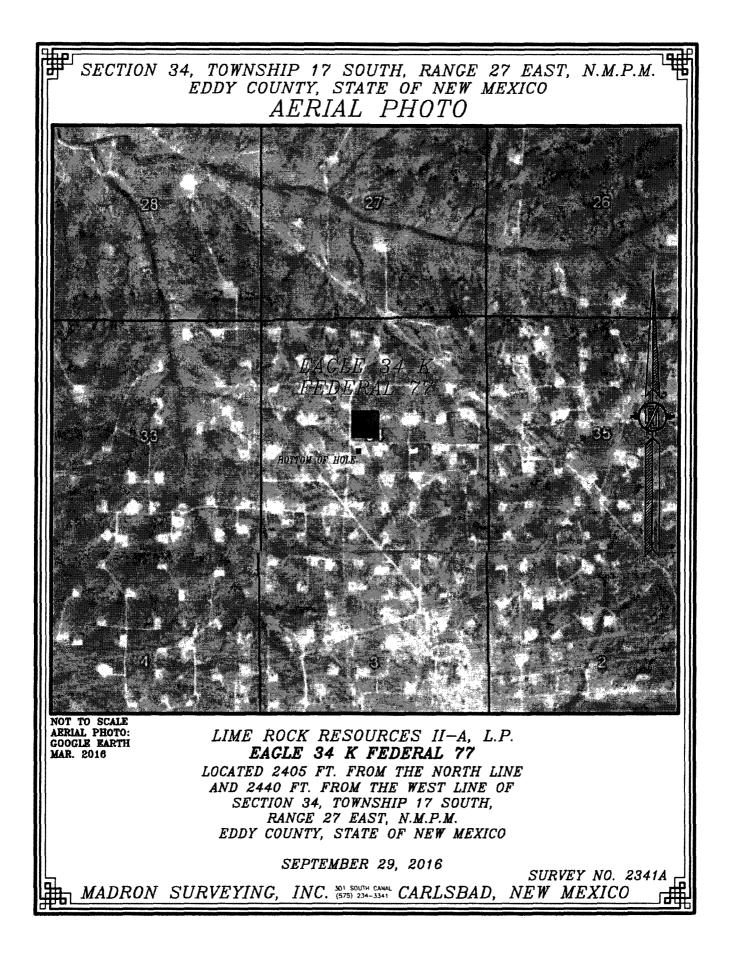
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

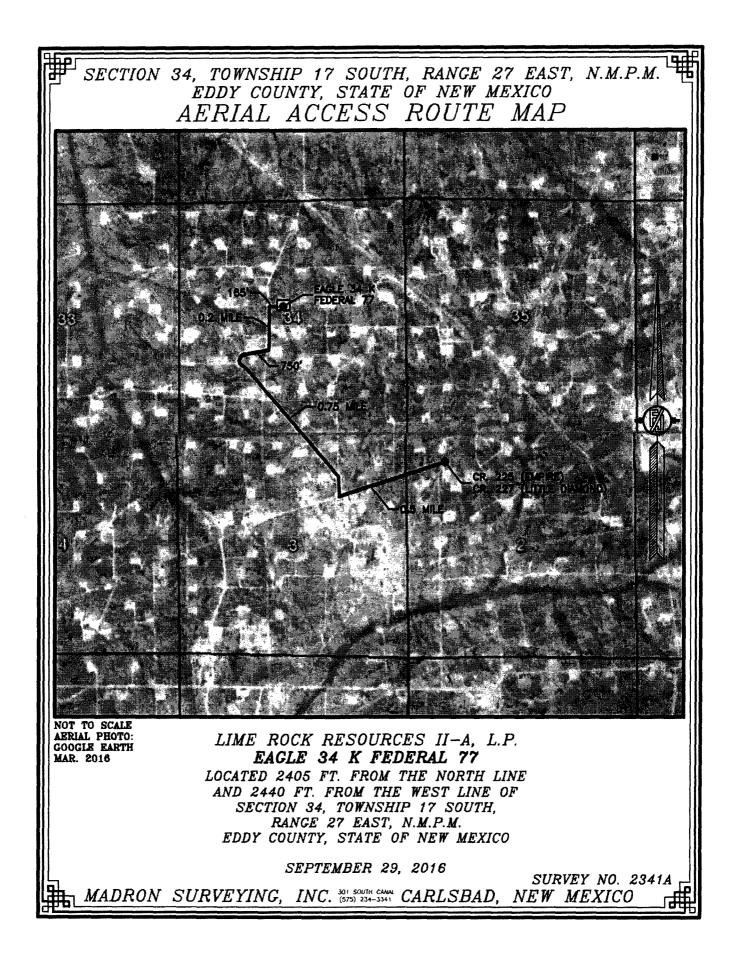
N89'05'18"E 2595.15 FT	N89'05'43"E 2594.17 FT	" OPERATOR CERTIFICATION
NW CORNER SEC. 34 LAT. = 32.7979460'N LONG. = 104.2750255'W	N/4 CORNER SEC. 34 NE CORNER SEC. 34 LAT. = 32.7980553'N LAT. = 32.7981630'N LONG. = 104.2665830'W LONG. = 104.2581435'W	I hereby certify that the information contained herein is true and complete to the best of my burveledge and relief, and that this organization either overs a working interest or unleased mineral interest in the land including the proposed
NMSP EAST (FT) N = 654030.12	NMSP EAST (FT) NMSP EAST (FT) N = 654071.39 N = 654112.34	working increases or uncessed mineria increases in the una increasing the propriori bottom hole location or bas a right to drill this well at this location pursuant to
E = 559253.94	E = 561848.10 $E = 564441.27$	a contract with an owner of such a mineral or working interest, or to a
EACLE 34 K FEDERAL 77	4	solution with the second s
8 ELEV. = 3564.5'	NOTE: LATITUDE AND LONGITUDE COORDINATES ARE	by the division.
	(NAD83), LISTED NEW MEXICO STATE PLANE EAST	
LONG. = $104.2670910^{\circ}W$ NMSP EAST (FT) N = 651664.25 E = 561693.50 W/4 CORNER SEC. 34 SURFACE	COORDINATES ARE GRID (NADB3), BASIS OF BEARING O AND DISTANCES USED ARE NEW MEXICO STATE PLANE O EAST COORDINATES MODIFIED TO THE SURFACE.	Signature Date
E = 561693.50	EAST COORDINATES MODIFIED TO THE SURFACE.	
W/4 CORNER SEC. 34 SURFACE	х Х	Printed Name
LAT. = 32.7906614'N LOCATION		
2440'	E/4 CORNER SEC. 34 LAT. = 32,7907869'N	E-mail Address
NMSP EAST (FT)	LONG. = 104.2580275'W	_
N = 651379.86 E = 559254.14	NMSP EAST (FT) N = 651428.83	*SURVEYOR CERTIFICATION
	E = 564478.85	I hereby certify that the well location shown on this plat was
BOTTOM		plotted from field notes of actual surveys made by me or under
		my supervision, and that the same is true and correct to the
BOTTOM OF HOLE G LAT. = 32.7897394'N	2687.19	best of my belief.
of LAT. = 32.7897394'N Comparison LONG. = 104.2675959'W NMSP EAST (FT)	2 68	SEPTEMBER 29. 2016 ON F. JAA Date of Survey
> N = 651045.78		Date of Survey
E = 561538.71	<u>6.56</u>	Water Starter Land
10.0	S/4 CORNER SEC. 34 SE CORNER SEC. 34	A COSTEL MA
² SW CORNER SEC. 34 LAT. = 32.7833815'N	S/4 CORNER SEC. 34 SE CORNER SEC. 34 SE LAT. = 32.7833928'N LAT. = 32.7834033'N	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
LONG. = 104.2750310'W	LONG. = 104.2664711'W LONG. = 104.2579143'W	A Contract
NMSP EAST (FT) N = 648731.32	NMSP EAST (FT) NMSP EAST (FT) N = 648737.00 N = 648742.59	Signifutire and Sector Professional Surveyor
E = 559255.19	E = 561885.83 $E = 564515.53$	Certificate Number: FIRMON S. LARANTILOD, PJS 12797
S89'52'34"W 2631.33 FT	S89'52'42"W 2630.39 FT	

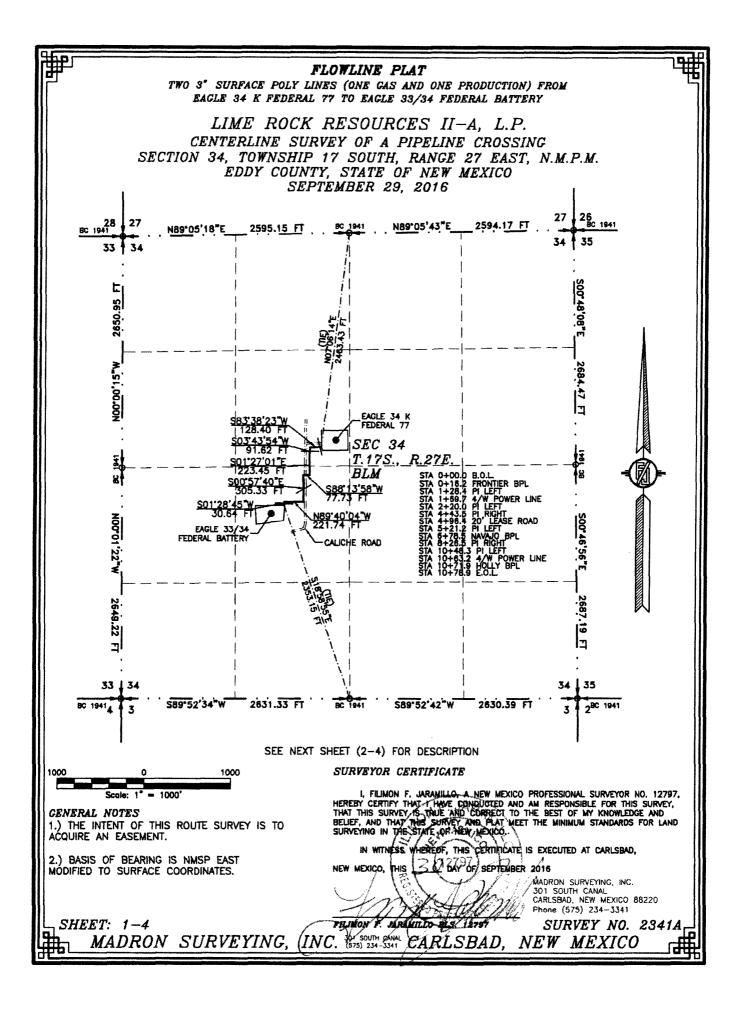




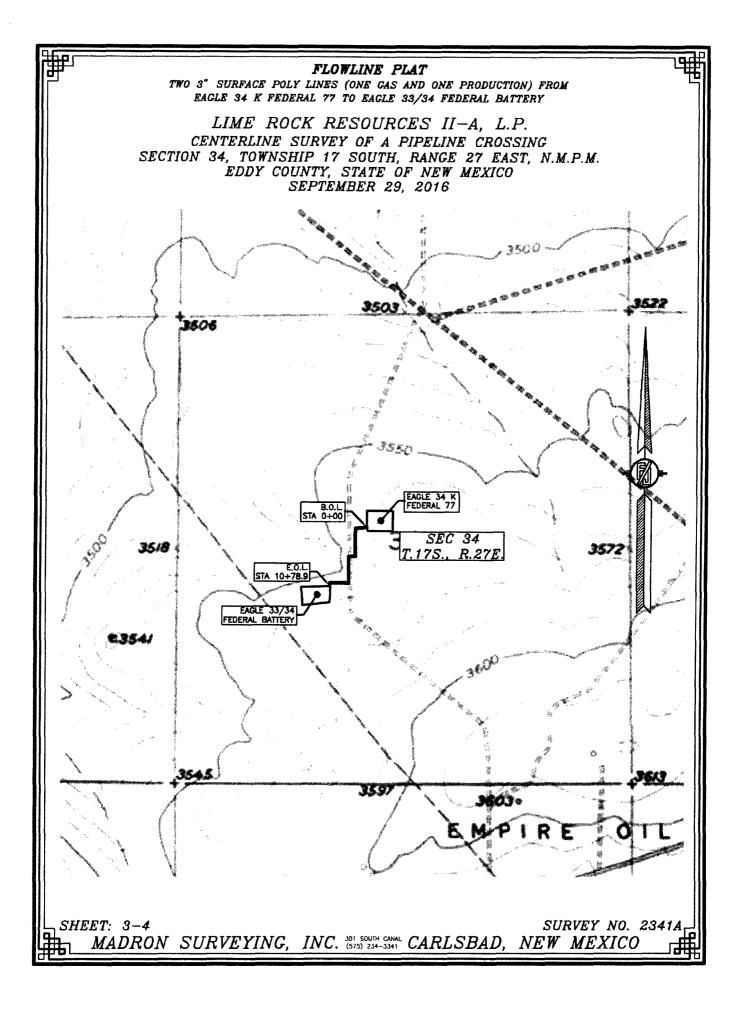


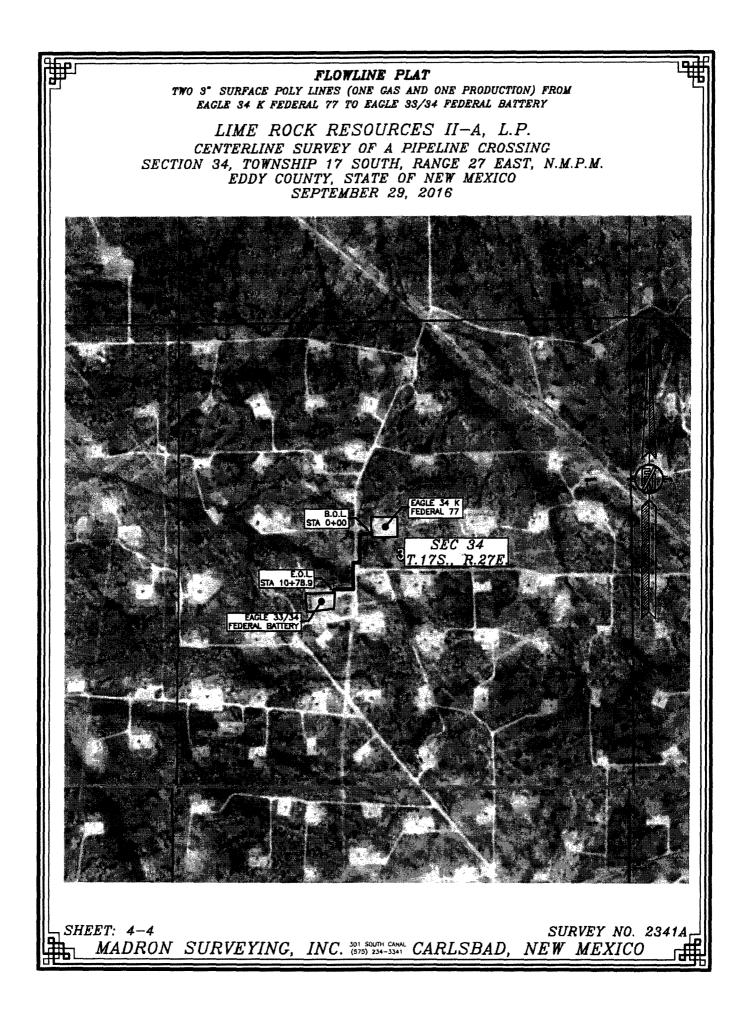


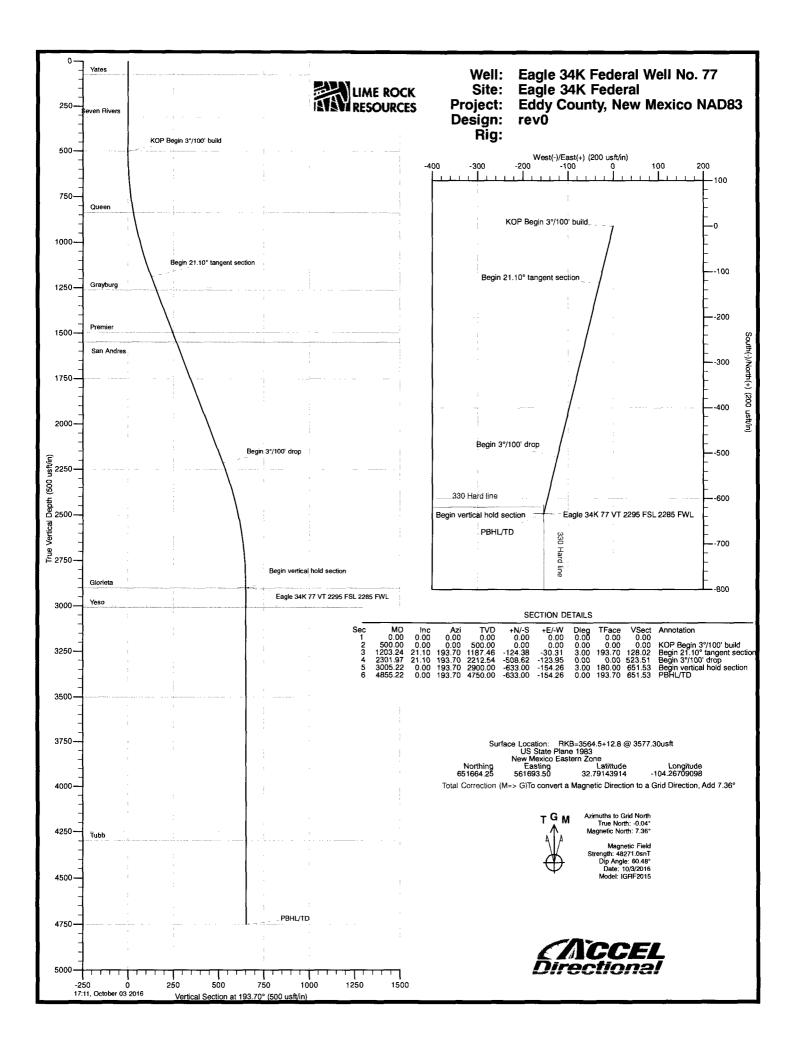




FLOWLINE PLAT Two 3" SURFACE POLY LINES (ONE GAS AND ONE PRODUCTION) FROM EAGLE 34 K FEDERAL 77 TO EAGLE 33/34 FEDERAL BATTERY	
LIME ROCK RESOURCES II-A, L.P. CENTERLINE SURVEY OF A PIPELINE CROSSING SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO SEPTEMBER 29, 2016	
DESCRIPTION A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF TH FOLLOWING DESCRIBED CENTERLINE SURVEY:	ŧΕ
BEGINNING AT A POINT WITHIN THE SE/4 NW/4 OF SAID SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. BEARS N07'06'14"E, A DISTANCE OF 2463.43 FEET; THENCE S83'38'23"W A DISTANCE OF 128.40 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S03'43'54"W A DISTANCE OF 91.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S01'27'01"E A DISTANCE OF 223.45 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S88'13'58"W A DISTANCE OF 77.73 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S88'13'58"W A DISTANCE OF 77.73 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S00'57'40"E A DISTANCE OF 305.33 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N89'40'04"W A DISTANCE OF 221.74 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S01'28'45"W A DISTANCE OF 221.74 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S01'28'45"W A DISTANCE OF 306.4 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SO QUARTER CORNER OF SAID SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M. BEARS S18'58'55"E, A DISTANCE OF 2353.15 FEET;	υтн
SAID STRIP OF LAND BEING 1078.92 FEET OR 65.39 RODS IN LENGTH, CONTAINING 0.743 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:	3
SE/4 NW/4 341.88 LF. 20.72 RODS 0.235 ACRES NE/4 SW/4 737.04 L.F. 44.67 RODS 0.508 ACRES	
SURVEYOR CERTIFICATE	
I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. GENERAL NOTES 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT. IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	SURVEY.
2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES. New MEXICOL THS TO SURFACE COORDINATES.	220
SHEET: 2-4 MADRON SURVEYING, INC. 191 SOUTH CAMUL CARLSBAD, NEW MEXICO	2341A







LIME ROCK

Standard_Report

Company: Lime Rock Resources Project: Eddy County, New Mexico NAD83 Ste: Eagle 34K Federal Weit: Eagle 34K Federal Well No. 77 Weitbore: Original hole Design: rev0		Local Co-ordinate TVD Reference: ND Reference: North Reference Survey Calculation Database	Reference: Well Eagle 34K Federal Well No. 77 Well Eagle 34K Federal Well No. 77 RKB=3564.5+12.8 @ 3577.30usft RKB=3564.5+12.8 @ 3577.30usft RKB=3564.5+12.8 @ 3577.30usft RKB=3564.5+12.8 @ 3577.30usft BLUI22164	all No. 77 and a large state of the second sta
Project Eddy County, New Mexico NADB3				
Map System: US State Plane 1983 Geo Datum: North American Datum 1983 Map Zone: New Mexico Eastern Zone		System Datum:	Mean Sea Level	
Store and a state of the state				
Site Position:	Northing:	651,144.01 usft 550 758 82 004	Latitude:	32.79001075
rom: Position Uncertainty: 0.00 usft	casung. Slot Radius:		Grid Convergence:	0.03 °
Weil Federal Weil No. 77, Surf Loc. 2405 FN	Loc: 2405 FNL 2440 FWL Sec34-T17S-R27E			
S-1N+		65	ŧ	32.79143914
W-13+	Easting:	561,693.50 usft	Longitude:	-104.26709098
Position Uncertainty 0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,564.50 usft
	yer, NAMA (An Association Association Association Association Association Association Association Association A			
Å	Declination Provide 1.39 Dife 7.39	Dip Angle Field Str (1) Eold Str Eold Str Eold Str	reogti 11 48.271	
otes:	The District Contraction of the District Contraction of the District Contraction of the District Contraction of the Distribution of the Distributi			
Vertical Section: Depth From (TVD)	Martina Martin	ā		
	0.00	193.70		
Survey Tool Program Date 10/3/2016 From To Survey (Wellbore) (ush) 0.00 4,855.22 rev0 (Original hole)		Description MWD - Standard		

COMPASS 5000.1 Build 81B

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NCC NCC NCC	
ESO	

Westerline of the Contract of the New Section of the Section of th		C. M.	NINUAL MINUME - 4 MARTINE - 4	And the state of the second	· AD WELLER, Present J , PROVIDED	A AND INTEL A AND		1 A.W 2000	i P	
Company: Lime Rock Resources Project: Eddy County, New Mexico NAD83 Site: Edgle 34K Federal Well: Eagle 34K Federal Well No. 77 Wellbore: Original hole Pesign: revů	ources lew Mexico NAI eral aral Well No. 77	1 (CAV)0 - 2 - 0-1-1 800				Local Co-ordinats Reference. TVD Reference. MD Reference: North Reference: Survey Calculation Method: Database:	ļį	Well Eagle 34K Federal Well Wol 77 Well Eagle 34K Federal Well Wol 0. 77 RKB=3564,5+12.8 @ 3577.30usft Grid Grid Minimum Curvature DB Jul2216dt	*	
Planned Survey MD Tash		Ic	21	SA Sa Sa	(ItsR)	DLeg	, , , , , , , , , , , , , , , , , , ,	ndthon Matter	E	
	0.00	0.00	0.0	0.00	0.00	00'0	0.00	651,664.25	561,693.50	
100.00	0.00	0.00	100.00	0.00	0,00	0.00	0.00	651,664.25	561,693.50	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	651,664.25	561,693.50	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	00.0	651,664.25	561,693,50	
400.00	0.00	0.00	400.00	00'0	0.00	0.00	0.00	651,664.25	561,693.50	
500.00	0.00	0.00	500.00	0.00	00.0	0.00	00.0	651,664.25	561,693,50	
KOP Begin 3°/100' build 600.00	3.00	193.70	599.95	-254	-0 63	3 <u>0</u> 0	C Ú C			
700.00	6.00	193.70	699.63	-10.16	-2.48	3.00	10.46	651 654 00	901,092,00 661 601 00	
800.00	9.00	193.70	798.77	-22.84	-5.57	3.00	23.51	651 641 41	561 687 03	
00.009	12.00	193.70	897.08	-40.55	-9.88	3.00	41.74	651,623.70	561,683,62	
1,000.00	15.00	193.70	994.31	-63.23	-15.41	3.00	65.08	651 601 02	561 678 NG	
1,100.00	18.00	193.70	1.090.18	-90.82	-22.13	3.00	93.48	651,573,43	561.671.37	
	21.00	193.70	1,184.43	-123.25	-30.03	3.00	126.85	651,541.00	561.663.47	
1,203.24	21.10	193.70	1,187.46	-124.38	-30.31	3.00	128.02	651,539.87	561,663.19	
Begin 21.10° tangent section 1.300.00	ion 21.10	193 70	PT 770 1	160 01	00					
1,400,00	21.10	193.70	1,371.03	-193.19	47.08		102.04 198.84	40.00°,1°C0 861.474.06	561,654,94 661 646 42	
1,500.00	21.10	193.70	1,464.32	-228.16	-55.60	0.00	234.84	651,436,09	561 637 90	
	21.10	193.70	1,557.62	-263.13	-64.12	0.00	270.83	651,401.12	561.629.38	
	21.10	193.70	1,650.92	-298.10	-72.65	00'0	306.83	651,366.15	561,620.85	
1,800.00 2	21.10	193.70	1,744.22	-333.07	-81.17	0.00	342.82	651,331.18	561,612.33	
	21.10	193.70	1,837.51	-368.05	-89.69	0.00	378.82	651,296.20	561,603.81	
	21.10	193.70	1,930.81	-403.02	-98.21	0.00	414.81	651,261,23	561,595,29	
2,100.00	21.10	193.70	2,024.11	-437.99	-106.74	0,00	450.81	651,226,26	561,586,76	
2,200.00	21.10	193.70	2,117.40	-472.96	-115.26	00.0	486.80	651,191.29	561,578,24	
2,300.00	21.10	193.70	2,210,70	-507.93	-123.78	000	527 BU	CE11EE 20	04 000 100	

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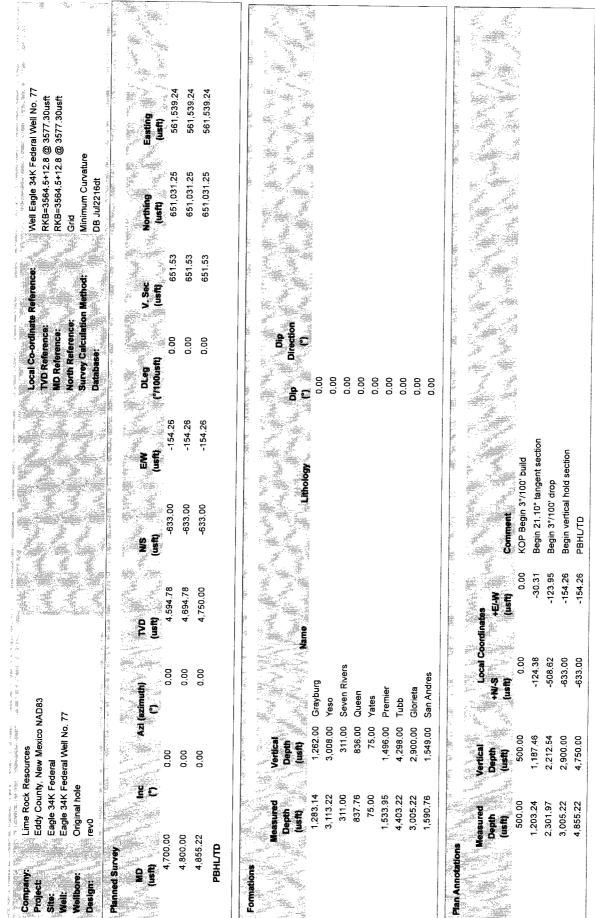
Resources y, New Mexic ederal Well 1 ederal Well 1	o NAD83				Local Co-Othnate Reference. TVD Reference: MD Reference: North Reference: Surrey Calculation Method: Detabases		Well Eagle 34K Federal Well No. 77 RKB=3564,5+12.8 @ 3577.30usft RKB=3564,5+12.8 @ 3577.30usft Grid Minimum Curvature DB Jul/2216dt	eral Well No. 77 @ 3577.30usft @ 3577.30usft	مين بين بين
					- 1° - 20				
MD MD MC MC M2 (astrauth) (ustr) (19 (19 (19 (19 (19 (19 (19 (19 (19 (19	a.70	TVD (ush) 2,212.54	NS (ustr) -508.62	(uef) -123.95	C'100451 0.00	(ust) 523.51	(Left) 651,155.63	(ust) 561,569.55	
Begin 3°/100' drop	193 70	2.304.86	-540.61	-131.74	3.00	556.43	651,123.64	561,561.76	
	193.70	2,400,66	-568.46	-138.53	3.00	585.09	651,095.79	561,554.97	
	193.70	2,497,82	-591.39	-144.12	3.00	608.70	651,072.86	561,549.38	
2,600.00 12.10 2.700.00 9.16	193.70	2,596.08	-609.36	-148.50	3.00	627.19	651.054.89	561,545.00	
	193.70	2.695.18	-622.30	-151.65	3.00	640.51	651,041.95	561,541.85	
	193.70	2,794.84	-630.18	-153.57	3.00	648.63	651,034.07	561,539.93	
	193.70	2,894.78	-632.99	-154.26	3.00	651.52	651,031.26	561,539.24	
	193.70	2,900.00	-633.00	-154.26	3.00	651,53	651,031.25	561,539.24	
Begin vertical hold section 3.100.00	0.00	2.994.78	-633.00	-154.26	00.00	651.53	651,031.25	561,539.24	
	0.00	3.094.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539.24	
	00.0	3,194.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539,24	
	0.0	3,294.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539.24	
	00.0	3,394.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539.24	
	0.00	3,494.78	-633.00	-154.26	00'0	651.53	651,031.25	561,539.24	
	000	3.594.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539.24	
	000	3.694.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539.24	
		3.794.78	-633.00	-154.26	00.00	651.53	651,031.25	561,539.24	
	0.00	3,894.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539.24	
	0.00	3,994.78	-633.00	-154.26	0.00	651.53	651,031.25	561,539.24	
	00.0	4.094.78	-633,00	-154.26	00'0	651.53	651,031.25	561,539.24	
	0.00	4,194.78	-633.00	-154.26	00.0	651.53	651,031.25	561,539.24	
	0.00	4,294.78	-633.00	-154.26	00.00	651.53	651,031,25	561,539.24	
	0.00	4,394.78	-633.00	-154.26	00.00	651.53	651,031.25	561,539.24	
					00 0	261 63	261 N31 25	561 539 24	

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COMPASS 5000.1 Build 81B

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LIME	RESO	
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