'Distnet I'* 1625 N. French Dr., Hobbs, NM 88240 Dstrict 11

State of New Mexico HOBBS OCEnergy Minerals and Natural Resources

Form C-101 May 27,2004

1301 W. Grand Avenue, Artesia, NM 88210

District III

1 000 Rio Brazos Road, Aztec, NM 87410 APR **2 6 2013**

Oil Conservation Division 1220 South St. Francis Dr.

Submit to appropriate District Office

AMENDED REPORT

District IV 1220 S. St. Fr	rancis Dr.,	Santa Fe, NM	87505		Santa	a Fe, N	M 875	05			⊔ AN	IENDED KEPOKI
			REC	EIVED					, PLUGBA	CK OR	ADI) A ZONIE
AIII	<u> -1CA 11</u>	ION POP	Operator Nam	e and Address	3		11, 121	۱۰۱۰ ایدان	, I LOGDA		Number	
		D.O. D	Mack Energ						30- 025-3	1113 ^{APIN}	Vumber	,
Prope	rty Code	P.O. B	ox 960 Art	esia, NIVI 8	58211-0900 Property	Name			30- 023-3	1114	6 Well	No
						nin State	9				0 11 011	2
'Proposed Pool I						<u> </u>			Pro	posed Pool 2	2	
		Wild	cat San And	res	< 700c	172			· · · · · · · · · · · · · · · · · · ·		,	
	·				7 Surface			· · · · ·			1	
UL or lot no.	Section	Township	Range	Lot Id	1	rom the		outh line	Feet from the	East(We	1	County
J	16	16S	33E	i		983		uth	1980	Eas	St	Lea
	Γ				m Hole Loca							
UL or lot no.	Section	Township	Range	Lot Id	n Feet fi	rom the	North/S	outh line	Feet from the	EastfWe	st line	County
	_			Ado	litional We	ell Info	ormati	on				
	Type Code	1	12 Well Type Co		" Cabl	le/Rotary			Lease Type Code			nd Level Elevation
E 16 Multiple			0			Rotary			S		4229' GR 2 Spud Date	
	Vo					rmation Andres			9 Contractor		5/1/2013	
Depth to Grou	ındwater	· · · · · · · · · · · · · · · · · · ·		Distance	from nearest fre	sh water v	vell		Distance fro	om nearest st	ırface wat	er
Pit Liner:	Synthetic	m i	ls thick Clay	Pit Volui	ne; bbls		Drdli	ng <u>Method</u>	L			
	d-Loop Sys		, , ,				Fresh V	Vater 🗆	Brine Diesel/	Oil-based	☐ Gas/A	ir 🔲
	_ 		2	Proposi	ed Casing	and Ca			-			
	-					1 .					Γ	
Hole S 17 1/2	ize	13 3/8	ng Size	Casing 54.5	weight/foot	428	Setting D	epth	Sacks of C	ement		Estimated TOC
11	8 5/8			32		4498		1700sx		Surface-In place Surface-In place		
7 7/8		5 1/2		17		5880			700sx		Surfac	
7 170		3 172				3000		•	7 005%		Barras	
						<u> </u>			 			
			• •			-	he data oi	the prese	nt productive zon	e and propo	sed new	productive zone.
Describe the b	lowout pre	vention progr	am, if any. Use	additional sh	eets if necessar	у.						
										the Dolpl	hin Sta	te #2 to a depth of
5880' test the	e San An	dres forma	tion. Run 5	1/2 casing	and cement.	Put we	ll on pr	oduction	n.			
												_
									es 2 Years I	From A	ppro	rall .
						P	ermit	Expir	es y legio.	Under	Way	•
				`		_	Da	ste Uni	es 2 Tears less Drilling			
		<u> </u>										
			given above is to certify tha <u>t t</u> he			 		OII C	ONSERVA	TION D	IVICI	ON
constructed a	ecording t	o NMOCD g	uidelines 🛛 🛭	general per	mit , or	ļ		OIL C	ONSERVA	TION D	1 4 1 9 1	ON
	l) alternat	ive OCD-ap	proved plan. [Appro	ved by:					
Signature	<u> </u>	my h	. Sher	ell_		ļ		David				
Printed name:			Jerry W. She	rrell		Title:	<u>.</u>	reuul	eum Engine	er 	,	
Title:		Pro	duction Cler	<u> </u>		Appro	val Date:	04/	30 /13	Expiration [Date:	4/30/15
E-mail Addres	s:		jerrys@mec	.com								• -
Date:	4/24/	13	Phone:	(575)748	8-1288	Condit	ions of A	pproval At	tached			

<u>District.1</u> 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

Florier III 1000 Rio Brazos Road, Aztec, NNI 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe. NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

APR 2 6 2013

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

☐ AMENDED REPORT

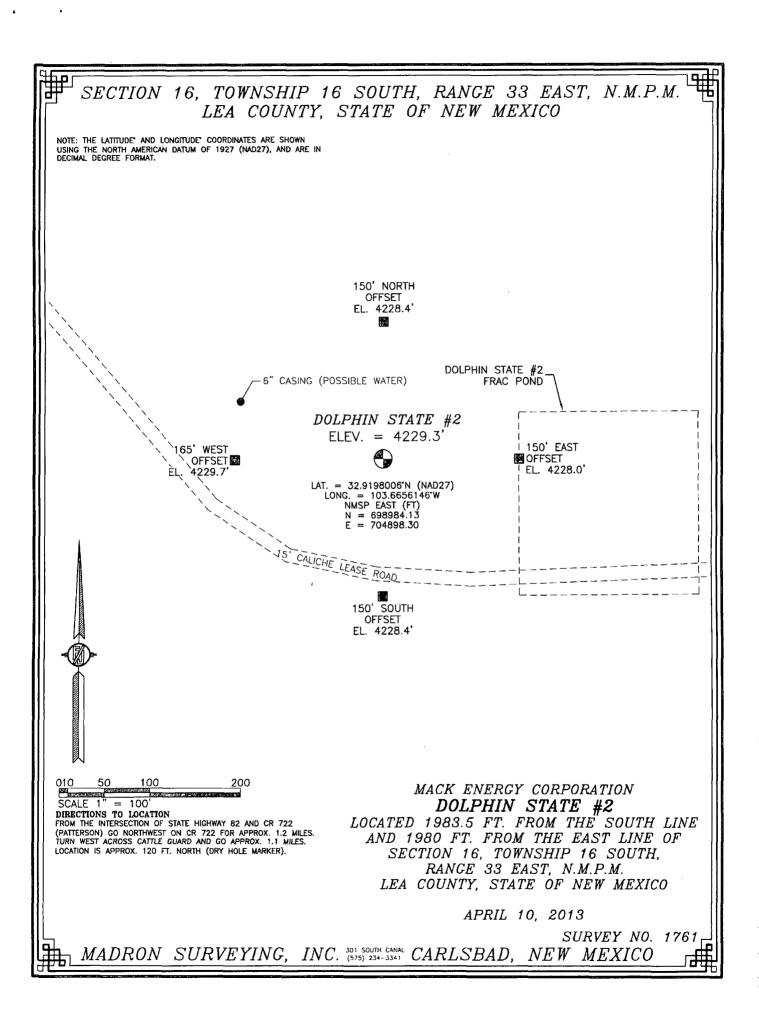
Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION RECEIVED 1220 South St. Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

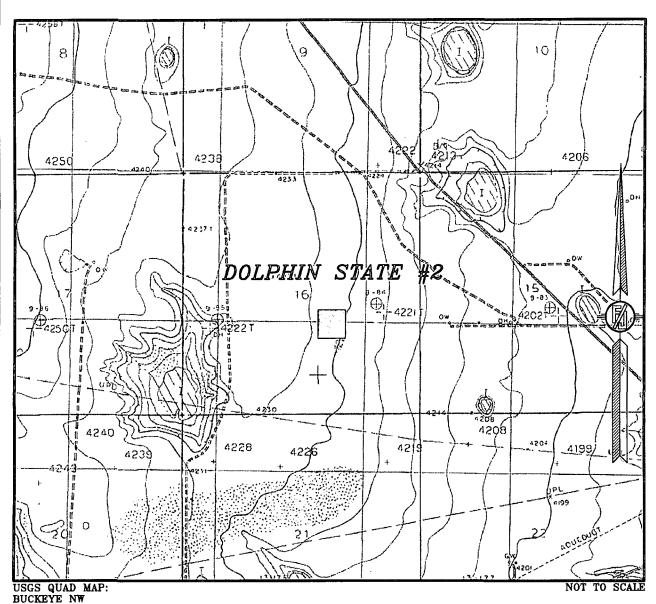
	30-025-31114		Q	2 30 0		WCO25 GOI 5163316JSan Andres						
		3///4	7	0000	Proper		163316334	n Andres				
⁴ Property Code				" Well Number								
34910				2								
OGRID No.				⁹ Elevation								
13837			1	4229.3								
					" Surface	e Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
J	16	16 S	33 E		1983.5	SOUTH	1980	EAST	LEA			
		•	" Bc	ttom Hol	le Location	If Different From	n Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
		}										
Dedicated Acre	s Dint o	r Infill 14 Co	onsolidation	Code 15 Or	der No.							
40												
• -	i	I										

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.

M89'31'15"E	2642.87 FT	M89'30'24"E	2639.49 FT	,	"OPERATOR CERTIFICATION
NW CORNER SEC. 16	N/4 CORNER SEC. 16	•	NE CORNER SEC. 16		Thereby certify that the information contained herein is true and complete
LAT. = 32.9288367'N	LAT. = 32/9288518'N		LAT. = 32.9288681'N LONG. = 103.6591699'W	İ	to the best of my knowledge and belief, and that this organization either
LONG. = 103.6763809*W NMSP EAST (FT)	LONG. = 103.6677698'W NMSP EAST (FT)		NMSP EAST (FT)		owns a working interest or unleased mineral interest in the land including
N = 702250.90	M = 702272.97	1	N = 702295.65	i	the proposed bottom hole location or has a right to drill this well at this
宝 E = 701573.98	E = 704216.12	1	E = 706854.88	SS	location pursuant to a contract with an owner of such a mineral or working
E = 701573.98	'	· 1		500'24'37'	interest, or to a voluntary pooling agreement or a compulsory pooling order
3.42	l			1,22	heretofore entered by the division.
27		Ī		m,	
				1	(Lun 6) Shered 4-24-2013
20	1	į		63	Senature Date
2640.03		į		2638.94	Jerry W. Sherrell Printed Name jerry Semec. com E-mail Address
1	DOLPHIN STATE #2	1		5	Jerry W. Sherrell
그	ELEV. = 4229.3' LAT. = 32.9198006'N (NAD2) 7 \ i			Printed Name
1	LONG. = 103.6656146'W	. /)		1 1	ieccus@mac com
	NMSP EAST (FT)				E-mail Address
)	N = 698984.13 [E = 704898.30]		E / L CODUED CEC. 10	ì	
W/4 CORNER SEC. 16 LAT. = 32.9215823'N			E/4_CORNER_SEC16_ LAT. = 32.9216167.N	1	
LONG. = 103.6763753'W	SURFACE	/.	LONG. = 103.6591634'W		SURVEYOR CERTIFICATION
NMSP EAST (FT)	LÓCATION		NMSP EAST (FT)		I hereby certify that the well location shown on this plat
N = 699611.63		\ / ;	N ≈ 699657.47 E = 706873.73		· · ·
E = 701592.13		1980'	- 70070.75	ا ريا	was plotted from field notes of actual surveys made by
NOTE: LATITUDE AND LOS	!			2.005	me or under my supervision; and that the same is true
EATITUDE AND LOT	істире 1	.c.		[2]	and correcuto the best of my belief.
COORDINATES ARE	SHOWN	933.		7.E	APRIL (0°2013: N 145)
AMERICAN DATUM	OF 1927		W 111 111111		APRIL 10: 2015 NA TO SELECTION OF THE PRINCIPLE OF THE PR
(NAD27), AND ARE DECIMAL DEGREE				126	Date offSurvey
639		'		2639.	1. 1/1 (1270) / 101
DECIMAL DEGREE	1			57	Man Man and
SW CORNER SEC. 16	S/4 CORNER SEC. 16		SE CORNER SEC. 16	밁	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
LAI. = 32.9143291'N	LAT. = 32.9143458'N		LAT. = 32.9143633'N	/	Signature and Sent of Professional Surveyor
LONG. = 103.6763709'W	LONG. = 103.6677688'W MMSP EAST (FT)	1	LONG. = 103.6591653'W NMSP EAST (FI)	$\ (\ $	Certificate Minister: FILEMON Foll ARANILLO, PLS 12797
NMSP EAST (FT) N = 696972.75	N = 696995.41		NMSP EAST (FT) N = 697018.53		LANUSUN SURVEY NO. 1761
E = 701609.91	E = 704249.76		E = 706890.03		30K(E) KO. 1701
\$89'30'27"W	2640.58 FT	S89'29'51"W	2641.01 FT	-	



SECTION 16, TOWNSHIP 16 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



MACK ENERGY CORPORATION DOLPHIN STATE #2

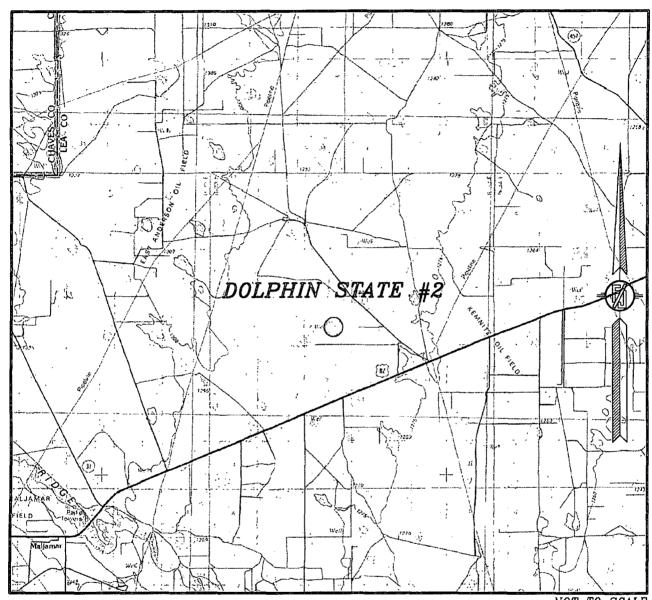
LOCATED 1983.5 FT. FROM THE SOUTH LINE AND 1980 FT. FROM THE EAST LINE OF SECTION 16, TOWNSHIP 16 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO

APRIL 10, 2013

SURVEY NO. 1761

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 16, TOWNSHIP 16 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO VICINITY MAP



NOT TO SCALE

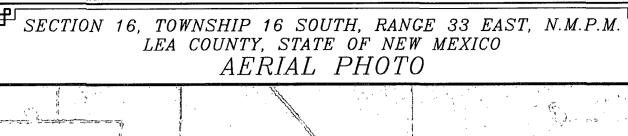
MACK ENERGY CORPORATION DOLPHIN STATE #2

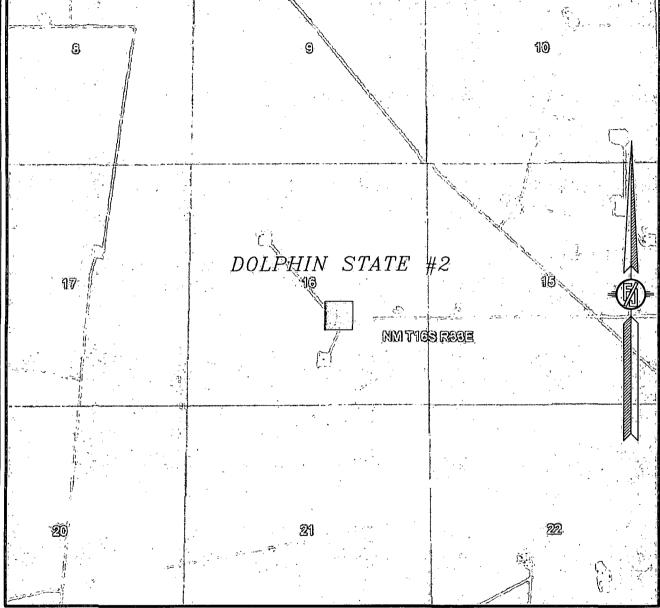
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APRIL 10, 2013

SURVEY NO. 1761

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO





NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH MARCH 2012

MACK ENERGY CORPORATION **DOLPHIN STATE #2**

LOCATED 1983.5 FT. FROM THE SOUTH LINE AND 1980 FT. FROM THE EAST LINE OF SECTION 16, TOWNSHIP 16 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO

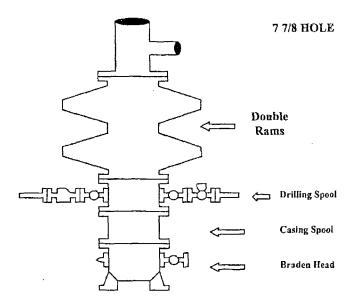
APRIL 10, 2013

SURVEY NO. 1761

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

Mack Energy Corporation

Exhibit #1-A BOPE Schematic



Choke Manifold Requirement (3000 psi WP) No Annular Required

