Marathon Oi	venue, Artesia, Rd., Aztec, Ni is Dr., Santa F CATION 1 Company 1 ty Code	NM 88210 M 87410 Fe, NM 8750 FOR P	erator Name and	-3487	⁵ Property N	Name State C	Com.	n 2272020,	2007 2007 RECEIVE OCD - ART DUGBACI 30- 015-272	14021 3 API Number 235		
					⁷ Surface L	ocatio	on					
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from th	- 1	North/So	•	Feet from the	East/West line	County	
E	36	20−S 8 т	24-E		1880			rth Face	660	West	Eddy	
F	1 _ ,				Hole Location					T	<u> </u>	
UL or lot no.	Section 36	Township 20-S	Range 24-E	Lot. Idn	Feet from th	1	North/So	outh Line rth	Feet from the	East/West line	County	
<u>E</u>		9 Proposed		<u> </u>	1 1000	<u></u>	14~	<u> </u>	10 Proposed P		Eddy	
	Wo	olfcamp v			<u>-</u>			<u></u>			}	
Judes. Cem	 	Wolfe		lling Pit	Location ar	nd Oth	ner Inf	formation	on			
UL or lot no.	Section	Township	Range	Lot. Idn			North/So		Feet from the	East/West line	County	
Depth to ground v	water			Distance fro	om nearest fresh wa	iter well			Distance from neare	st surface water		
¹¹ Work T	A		12 Well Type Co	N/		/A.	A]		ase Type Code S		15 Ground Level Elevation 3634	
¹⁶ Mu			17 Proposed Dep	posed Depth 18 Form		ation 19		Contractor	1	²⁰ Spud Date		
L	<u>Nio</u>		21,	l	d Casina an	d Com	l			14/	/31/1992	
		τ		ľ	d Casing and	4						
Hole S	ize	Ca	asing Size Casing		g weight/foot		Setting Depth		Sacks of Ceme	nt E	Estimated TOC	
20"	·····	 	16"		55#		40'		redi-mix		0'	
12 1/	4"	9	9 5/8"		32#		י 1220		1100		0'	
8 3/4	4"	 	7" 2		3 & 26 7999		7999'	1100		1000' from G		
²² Describe the p	proposed prog	gram. If this	s application is	to DEEPEN	or PLUG BAC	K, give f	the data	on the pre	esent productive zo	one and proposed	new productive zone.	
Describe the blow								-	•	• •	•	
attached do	cuments	for plan	ned comple	tion pro	ocedures and	d well	. diagr	ram.	Wolfcamp in		ase see	
²³ I hereby certify	that the info	mation give	n above is true :	and complet	e to the hest of	nh		OII C	ONORDVAT	ION DIVID	OM	
my knowledge and	d belief. I fur	ther certify	that the drillin	ıg pit will b	e /			OIL CO	ONSERVAT	ION DIVISI	ON	
constructed acco an (attached) alt	_	~		general per	mit [], or ~~	Approv	ved by:	us	A C A	. 9 D	رم	
0	70.	E L	·					4	Jun v	I JUN	wison_	
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Title: E	ngineerin					Approv	val Date:	:	<u>E</u>	xpiration Date:	UL 1 4 2005	
E-mail Address:	CENERIE I		THE COM			48						
Date: Phone: 7						Conditi	ions of A	Approval:				

District I 1625 N. French Dr., Hobbs, NM 88240 District II

1000 Rio Brazos Rd., Aztec, NM 87410

1301 W. Grand Avenue, Artesia, NM 88210 District III

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised June 10, 2003

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

Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

District IV				5.	unitu 1 0, 14141 (37303			
1220 S. St. Franci	is Dr., Santa	Fe, NM 875	÷05					A	AMENDED REPORT
		WF	LL LOCA	TION A	ND ACREA	GE DEDICA	TION PLA	T	
	¹ API Numb	er ·		² Pool Code			³ Pool Nat	me	
30	0-015-272	253					Wildcat Wo	olfcamp	
⁴ Property Code					⁵ Property Na			⁶ Well Number	
006408					4				
⁷ OGRID No.					⁹ Elevation				
1402	21				3634' ŒL				
2					Marathon Oil Surface Loca				
UL or let no.	Section	Township	Range	Lot. Idn		North/South line	Feet from the	East/West lin	ne County
E	36	20-S	24-E		1880	North	660	West	Eddy
		-	¹¹ Botto	om Hole I	ocation If Diff	ferent From Sur	rface		
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West li	ine County
12 Dedicated Acre	res 13 Joi	int or Infill	14 Consolidation	Code 15 O	rder No.				
320		Ŋ	С						
		N	ION-STANDA	ARD UNIT	HAS BEEN AF	PPROVED BY T	THE DIVISION	J	NSOLIDATED OR A
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true and complete to the best of my knowledge and L-5098 Charles E. Kendrix Printed Name Engineering Technician E 10083 cekendrix@MarathonOil.com Title and E-mail Address 06/15/2004 18SURVEYOR 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 of Survey Signature and Seal of Professional Surveyer: Certificate Number

Indian Hills State Com #4

Wolfcamp Re-Completion Procedure

Surface Hole Location: 1880' FNL & 660' FWL, Section 36, Township 20 South, Range 24 East Indian Basin Field, Eddy Co, NM

Date:

June 4, 2004

Purpose:

Complete well to the Wolfcamp Formation

Current Status:

Previous Upper Penn perforations and Morrow tail have been permanently abandoned. Abandonment of these zones consists of 3 cement plugs set from 8,915' - 9,104' (25 sacks), 7,805' - 8,050' (25 sacks), and 7,178' - 7,602' (50 sacks). Well is shut in, with no tubing in the hole.

Elevation/Depths:

GL: 3,634' KB: 3,650' TD: 8,000' PBTD: 7,178' (top of 3rd cement plug)

Surface Casing:

9-5/8" 36# K-55 set @ 1,220'. Cemented w/ 900 sacks of Howco Lite cement, tail w/ 200 sacks neat cement. Circulate 150 sacks.

Production Casing:

7", 23 & 26/26# K-55 set @ 8000'. DV tool @ 5,592'. Cemented first stage w/ 300 sacks of Premium Plus cement tailed w/175 sacks Class C. DV tool opened circulated off 90 sacks. Cemented second stage w/ 625 sacks. Circulate 48 sacks.

Abandoned Upper

Penn. Perforations:

Upper Penn: 7516'-7540'(24'), 7550'-7566 (16'), 7579'-7587' (8') 7604'-7612' (8'), 7644'-7658' (14'), 7674'-7680' (6'), 7703'-7708 (5') 7714'-7730' (16'), 7742'-7746' (4')

Total feet of perfs covered 230' / 101'(Net)

Pressure Information: Wolfcamp @ 3000 psi

Safety:

- Hold daily tailgate safety meeting reviewing the proposed procedure.

- Keep TIW valve on rig floor at all times.

- Keep kill-string in well at night. - Follow MOC SOP's throughout job.

Note: Use proper PPE when working in and around HCl Acid

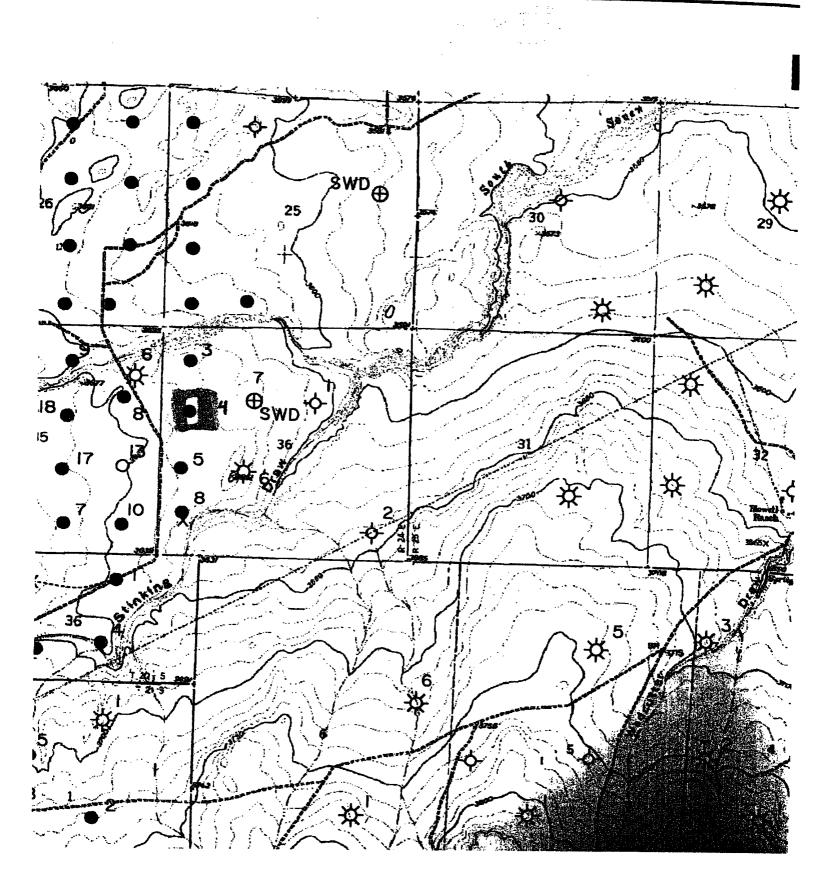
Wolfcamp Completion Procedure IHSC No. 4 Page 2 of 2

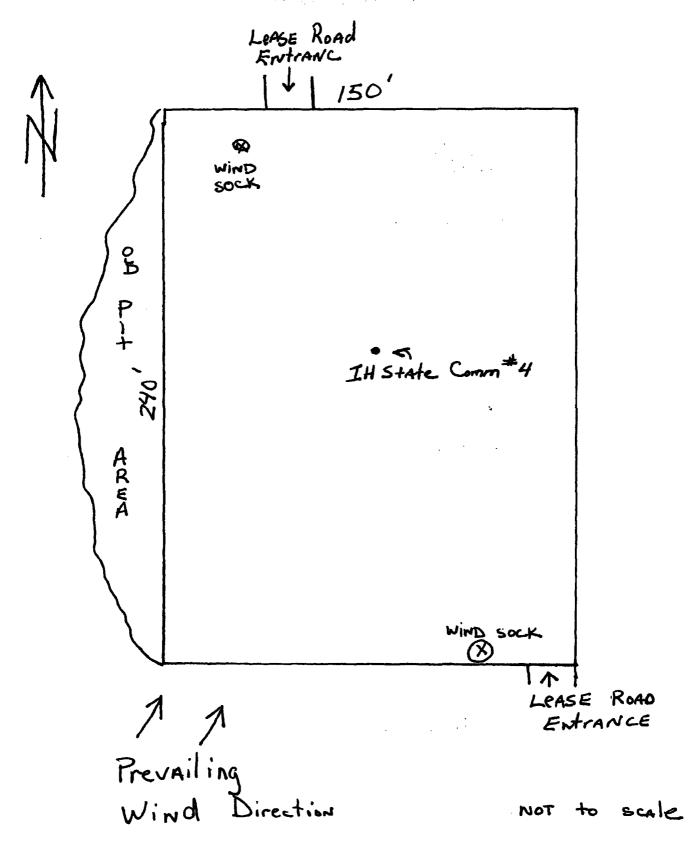
Procedure:

- 1. Rig Supervisor & pulling unit operator inspect the well & location prior to rigging up. Test safety anchors to 22,500 lbs.
- 2. Perform all necessary Lock-out / Tag-out to properly secure well. Make sure all associated personnel have proper training and PPE for the proposed job.
- 3. MIRU conventional daylight pulling unit. Perform rig inspection check list. Rig up reverse unit and associated equipment. Make sure Geronimo line is staked securely, H₂S monitor is in place, guardrails are in place & the unit is properly grounded to the wellhead.
- 4. ND 7-1/16" 3M flange installed on tubing head. NU 7-1/16" BOPs dressed with 2-3/8" rams. Ensure BOPs have been stump tested to 1000 psi high, 200 psi low prior to NU.
- 5. Due to recent drilling activity with the deepening to the Morrow, a bit and scraper trip has been deemed unnecessary.
- 6. RU Baker Atlas. RU frac valve, equalizing line, and 3K lubricator w/ pack-off. Pressure test the lubricator to 1,000 psi against the frac valve.
- 7. Perforate Wolfcamp formation using 3-3/8" slick guns, 311T 23 gram charges, 4 JSPF as follows: Single Run: 6,622' 6,636'

RD Baker Atlas

- 8. PU and RIH with 2-3/8", 4.6# L-80 production tubing with the following downhole equipment:
 - Wireline re-entry guide set at +/- 6,520'
 - 7" PLS packer set at +/- 6,320'.
 - 2-3/8" tbg. and tbg. subs to surface.
- 9. RU Halliburton. RU tree saver. Hold tailgate safety meeting. Pressure test surface lines and tubing to 5000 psi.
- Acidize the Wolfcamp with 3,000 gal of 15% HCl Carbonate Stimulation Acid at 6 BPM, dropping 90 1.1 sg bio-balls evenly throughout the job. Monitor backside pressure while pumping. RD Halliburton.
- 11. ND BOPs. NU Production Wellhead. RDMOPU.







Marathon Oil Company Indian Hills State Com # 4 15-Jun-04

Planned Wolfcamp Perfs 6622' to 6636'

Abandoned (squeezed) Upper Penn perforations 7516' to 7746'

STATES OF THE PARTY OF THE PART

Top of Cement on production casing @ ~1000' from surface

Surface Casing 9 5/8" set @ 1220'

Cement Plug (50 sks) @ 7178' - 7602'

Cement plug (25 sks) @ 7850'

Production Casing 7" set @ 7999'

Abandoned open hole section Morrow completion failure.

Cement Plug (25 sks) @ 8915'

TD @ 9600'

Indian Hills State C	om # 4	Lease		E-10083		
Eddy	State/Prov.	New M	lexico	Country:	USA	
		(TVD)		9600'		
06/15/04				RKB	: "	
Charles Kendr	ix	Last Revis	ion Date:	06/15/04		
	Eddy 06/15/04		Eddy State/Prov. New M (TVD)	Eddy State/Prov. New Mexico (TVD)	Eddy State/Prov. New Mexico Country: (TVD) 9600' RKB	

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