

FEB 12 2018 PM03:30

Revised March 23, 2017

RECEIVED: <i>2/12/2018</i>	REVIEWER: <i>LM An</i>	TYPE: <i>PC</i>	APP NO: <i>pmAm1804357340</i>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: APACHE CORP. **OGRID Number:** 873
Well Name: MARK OWEN WELLS 7,9,10,15,16,17,18,20 **API:** Multiple
Pool: Multiple **Pool Code:** Multiple

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD
- B. Check one only for [I] or [II]
 [I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☐ PLC ☒ PC ☐ OLS ☐ OLM
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

*PC-1314*2) **NOTIFICATION REQUIRED TO:** Check those which apply.

- A. ☐ Offset operators or lease holders
 B. ☐ Royalty, overriding royalty owners, revenue owners
 C. ☐ Application requires published notice
 D. ☐ Notification and/or concurrent approval by SLO
 E. ☐ Notification and/or concurrent approval by BLM
 F. ☐ Surface owner
 G. ☐ For all of the above, proof of notification or publication is attached, and/or,
 H. ☒ No notice required

FOR OCD ONLY

- ☐ Notice Complete
☐ Application
 Content
 Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Reesa Fisher

Print or Type Name

Signature

2/8/2018

Date

432-818-1062

Phone Number

Reesa.Fisher@apachecorp.com

e-mail Address

ATTACHMENT A-SOUR BATTERY

<u>API</u>	<u>Well Name</u>	<u>Well No.</u>	<u>Unit Letter</u>	<u>Pool Name & Code</u>	<u>Orders</u>
30-025-25130	MARK OWEN	#007	N	Penrose Skelly; Grayburg / 50350	
30-025-29468	MARK OWEN	#009	L	Penrose Skelly; Grayburg / 50350	
30-025-37533	MARK OWEN	#010	M	Penrose Skelly; Grayburg / 50350 Eunice; San Andres, South / 24170	DHC-3852
30-025-37649	MARK OWEN	#015	K	Penrose Skelly; Grayburg / 50350 Paddock / 49210	DHC-3785
30-025-39601	MARK OWEN	#016	K	Penrose Skelly; Grayburg / 50350	
30-025-37653	MARK OWEN	#017	N	Penrose Skelly; Grayburg / 50350	
30-025-39602	MARK OWEN	#018	L	Penrose Skelly; Grayburg / 50350	
30-025-39827	MARK OWEN	#020	M	Penrose Skelly; Grayburg / 50350	

MARK OWEN LEASE - SOUR BATTERY

<u>API</u>	<u>Well Name</u>	<u>Well No.</u>	<u>Type</u>	<u>Mineral Owner</u>	<u>Status</u>	<u>Unit Letter</u>	<u>Sec</u>	<u>Township</u>	<u>Range</u>	<u>Last Prod</u>	<u>Spud Date</u>	<u>Pool Name & Code</u>	<u>Orders</u>
30-025-25130	MARK OWEN	#007	Oil	Private	Active	N	35	21S	37E	Nov-17	2/20/1983	Penrose Skelly; Grayburg / 50350	DHC-764 PC-1147
30-025-29468	MARK OWEN	#009	Oil	Private	Active	L	35	21S	37E	Nov-17	11/9/1995	Penrose Skelly; Grayburg / 50350	DHC-1670-A PC-1147
30-025-37533	MARK OWEN	#010	Oil	Private	Active	M	35	21S	37E	Nov-17	1/6/2006	Penrose Skelly; Grayburg / 50350 Eunice; San Andres, South / 24170	DHC-3852
30-025-37649	MARK OWEN	#015	Oil	Private	Active	K	35	21S	37E	Nov-17	2/13/2006	Penrose Skelly; Grayburg / 50350 Paddock / 49210	DHC-3785
30-025-39601	MARK OWEN	#016	Oil	Private	Active	K	35	21S	37E	Nov-17	12/28/2009	Penrose Skelly; Grayburg / 50350	DHC-3865
30-025-37653	MARK OWEN	#017	Oil	Private	Active	N	35	21S	37E	Nov-17	2/27/2006	Penrose Skelly; Grayburg / 50350	
30-025-39602	MARK OWEN	#018	Oil	Private	Active	L	35	21S	37E	Nov-17	1/2/2010	Penrose Skelly; Grayburg / 50350	
30-025-39827	MARK OWEN	#020	Oil	Private	Active	M	35	21S	37E	Nov-17	8/26/2010	Penrose Skelly; Grayburg / 50350	

Op	Clock	Valid	Volumes					Fluids		Pump		Ratios					
			Hz	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift	Level	Pump	Stroke	GOR	WOR	GLR	IGLR
Superintendent: NW DISTRICT [CARNES]																	
														</			



Well Tests

Report Period: August 1, 2017 to February 5, 2018

2/5/2018 11:08:31 AM

Test		Chk	Tubing PSIG			Casing PSIG		Shut-In PSIG		BH	PIP	Pump	Clock	Valid	Volumes					Lift		Fluids			Pump			Ratios		
Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PSIG	Freq. Hz	%	Test	TH	Liq.	Oil	Ttl Gas	Frm Gas	Water	GOR	Level	Pump	Stroke	GOR	WOR	GLR	IGLR		
Region: PERMIAN																														
District: NW DISTRICT															Superintendent: NW DISTRICT [CARNES]															
Status: Producing															Foreman: EUNICE [DEAN]															
OWEN, MARK #07 (GRBG)																														
08/22/17	24													True	0.50	0.50	0.50	6.00	6.00	0.00	12.00	0.00					12.00	0.00	12.00	
09/17/17	24													True	0.50	0.50	0.50	4.00	4.00	0.00	8.00	0.00					8.00	0.00	8.00	
10/04/17	24													True	0.50	0.50	0.50	4.00	4.00	0.00	8.00	0.00					8.00	0.00	8.00	
11/02/17	24													True	0.50	0.50	0.50	5.00	5.00	0.00	10.00	0.00					10.00	0.00	10.00	
12/02/17	24													True	0.50	0.50	0.50	5.00	5.00	0.00	10.00	0.00					10.00	0.00	10.00	
01/16/18	24													True	0.50	0.50	0.50	5.00	5.00	0.00	10.00	0.00					10.00	0.00	10.00	
Averages by Completion:																														
Status: Producing																														
OWEN, MARK #09 (GRBG)																														
08/27/17	24													True	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00					0.00	0.00	0.00	
09/01/17	24													True	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00					0.00	0.00	0.00	
10/15/17	24													True	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00					0.00	0.00	0.00	
11/04/17	24													True	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00					0.00	0.00	0.00	
12/07/17	24													True	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00					0.00	0.00	0.00	
01/01/18	24													True	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00					0.00	0.00	0.00	
Averages by Completion:																														
Status: Producing																														
OWEN, MARK #10 (SA)																														
08/03/17	24													True	283.50	3.50	3.50	136.00	136.00	280.00	38.86	80.00					38.86	80.00	0.48	
09/10/17	24													True	274.00	3.00	3.00	130.00	130.00	271.00	43.33	90.33					43.33	90.33	0.47	
10/09/17	24													True	280.00	3.00	3.00	131.00	131.00	277.00	43.67	92.33					43.67	92.33	0.47	
11/15/17	24													True	272.00	3.00	3.00	128.00	128.00	269.00	42.67	89.67					42.67	89.67	0.47	
12/20/17	24													True	262.00	3.00	3.00	129.00	129.00	259.00	43.00	86.33					43.00	86.33	0.49	
01/08/18	24													True	251.50	2.50	2.50	131.00	131.00	249.00	52.40	99.60					52.40	99.60	0.52	
Averages by Completion:																														
Status: Producing																														
OWEN, MARK #15 (GRBG)																														
08/09/17	24													True	41.50	3.50	3.50	45.00	45.00	38.00	12.86	10.86					12.86	10.86	1.08	
09/03/17	24													True	42.00	3.00	3.00	47.00	47.00	39.00	15.67	13.00					15.67	13.00	1.12	
10/12/17	24													True	40.00	3.00	3.00	44.00	44.00	37.00	14.67	12.33					14.67	12.33	1.10	
11/08/17	24													True	43.00	3.00	3.00	44.00	44.00	40.00	14.67	13.33					14.67	13.33	1.02	
12/09/17	24													True	42.00	3.00	3.00	42.00	42.00	39.00	14.00	13.00					14.00	13.00	1.00	



Well Tests

Report Period: August 1, 2017 to February 5, 2018

2/5/2018 11:08:31 AM

Test		Chk	Tubing PSIG		Casing PSIG		Shut-In PSIG		BH	Pump		Clock	Valid	Volumes					Lift	Fluids		Pump		Ratios										
Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water		Level	Pump	Stroke	GOR	WOR	GLR	IGLR							
Region: PERMIAN															Superintendent: NW DISTRICT [CARNES]																			
District: NW DISTRICT															Foreman: EUNICE [DEAN]																			
OWEN, MARK #18 (GRBG)															Status: Producing																			
01/26/18	24													True	9.00	1.00	25.00	25.00	8.00					25.00	8.00	2.78								
Averages by Completion:															10.17	1.00	24.83	24.83	9.17															
OWEN, MARK #20 (GRBG)															Status: Producing																			
08/16/17	24													True	7.00	2.00	30.00	30.00	5.00					15.00	2.50	4.29								
09/13/17	24													True	7.00	2.00	29.00	29.00	5.00					14.50	2.50	4.14								
10/22/17	24													True	6.00	2.00	28.00	28.00	4.00					14.00	2.00	4.67								
11/25/17	24													True	6.00	2.00	27.00	27.00	4.00					13.50	2.00	4.50								
12/17/17	24													True	5.00	2.00	27.00	27.00	3.00					13.50	1.50	5.40								
01/30/18	24													True	5.00	2.00	25.00	25.00	3.00					12.50	1.50	5.00								
Averages by Completion:															6.00	2.00	27.67	27.67	4.00															



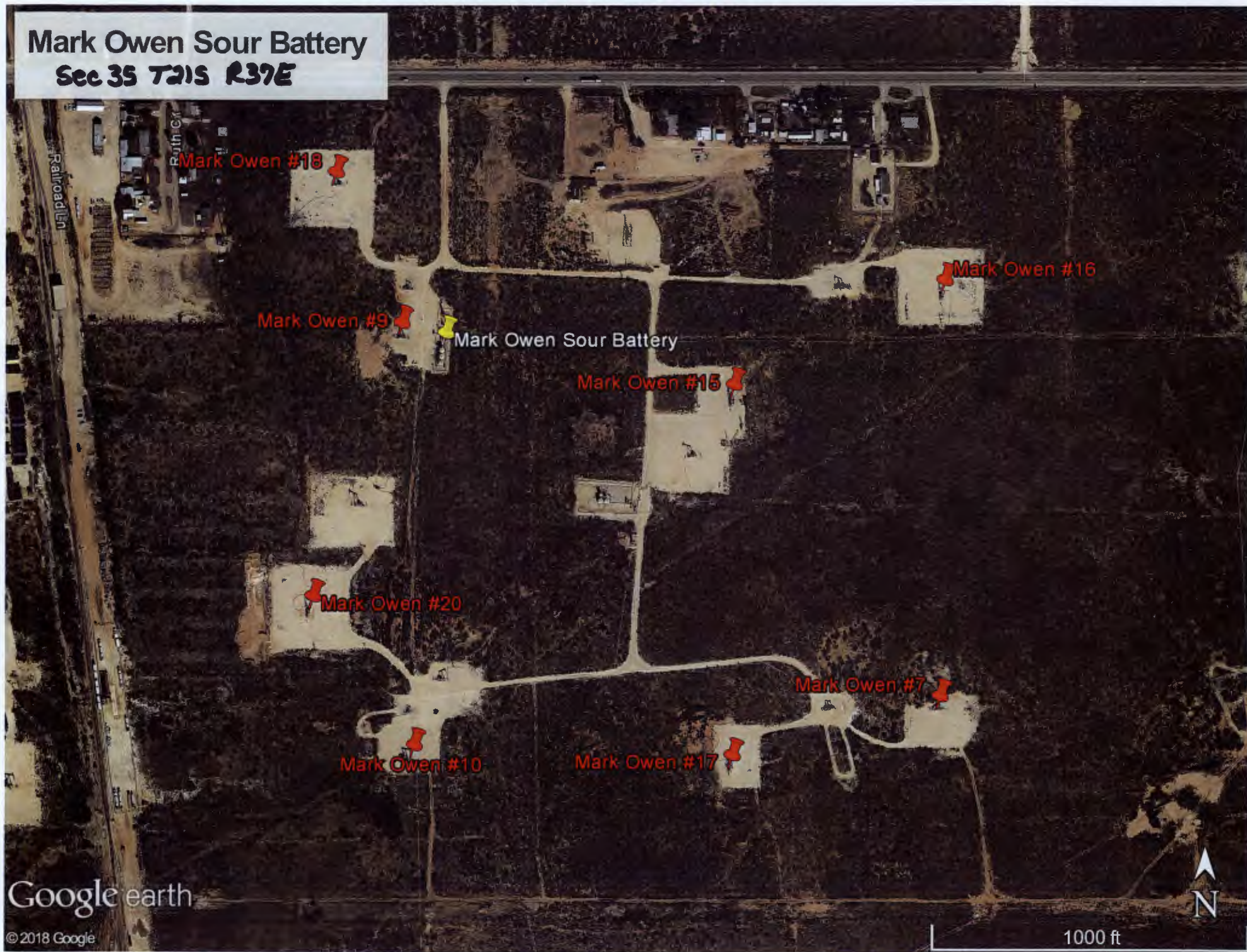
Well Tests

Report Period: August 1, 2017 to February 5, 2018

2/5/2018 11:08:31 AM

Test		Chk	Tubing PSIG		Casing PSIG		Shut-In PSIG	BH	Pump	Clock	Valid	Volumes				Fluids		Pump		Ratios							
Date	Hrs	In.	SPM	High	Low	High	Low	Tubing	Casing	PSIG	PIP	Freq. Hz	%	Test	Ttl Liq.	Oil	Ttl Gas	Frm Gas	Water	Lift	Level	Pump	Stroke	GOR	WOR	GLR	IGLR
Region: PERMIAN																											
District: NW DISTRICT														Superintendent: NW DISTRICT [CARNES]													
Status: Producing														Foreman: EUNICE [DEAN]													
OWEN, MARK #15 (GRBG)																											
01/05/18	24													True	40.00	3.00	41.00	41.00	41.00	37.00					13.67	12.33	1.03
01/28/18	24													True	61.50	3.50	38.00	38.00	38.00	58.00					10.86	16.57	0.62
01/29/18	24													True	54.50	3.50	40.00	40.00	40.00	51.00					11.43	14.57	0.73
01/30/18	24													True	52.00	3.00	41.00	41.00	41.00	49.00					13.67	16.33	0.79
02/01/18	24													True	48.40	4.40	40.00	40.00	40.00	44.00					9.09	10.00	0.83
Averages by Completion:																											
OWEN, MARK #16 (GRBG)																											
Status: Producing																											
08/17/17	24													True	250.50	0.50	9.00	9.00	9.00	250.00					18.00	500.00	0.04
09/06/17	24													True	253.50	0.50	9.00	9.00	9.00	253.00					18.00	506.00	0.04
10/25/17	24													True	249.50	0.50	8.00	8.00	8.00	249.00					16.00	498.00	0.03
11/12/17	24													True	250.50	0.50	9.00	9.00	9.00	250.00					18.00	500.00	0.04
12/19/17	24													True	239.50	0.50	8.00	8.00	8.00	239.00					16.00	478.00	0.03
01/11/18	24													True	237.50	0.50	8.00	8.00	8.00	237.00					16.00	474.00	0.03
Averages by Completion:																											
OWEN, MARK #17 (GRBG)																											
Status: Producing																											
08/13/17	24													True	21.00	1.00	24.00	24.00	24.00	20.00					24.00	20.00	1.14
09/27/17	24													True	21.00	1.00	24.00	24.00	24.00	20.00					24.00	20.00	1.14
10/15/17	24													True	20.00	1.00	23.00	23.00	23.00	19.00					23.00	19.00	1.15
11/27/17	24													True	20.00	1.00	22.00	22.00	22.00	19.00					22.00	19.00	1.10
12/18/17	24													True	20.00	1.00	23.00	23.00	23.00	19.00					23.00	19.00	1.15
01/20/18	24													True	20.00	1.00	25.00	25.00	25.00	19.00					25.00	19.00	1.25
Averages by Completion:																											
OWEN, MARK #18 (GRBG)																											
Status: Producing																											
08/24/17	24													True	11.00	1.00	25.00	25.00	25.00	10.00					25.00	10.00	2.27
09/25/17	24													True	11.00	1.00	26.00	26.00	26.00	10.00					26.00	10.00	2.36
10/19/17	24													True	11.00	1.00	25.00	25.00	25.00	10.00					25.00	10.00	2.27
11/20/17	24													True	10.00	1.00	24.00	24.00	24.00	9.00					24.00	9.00	2.40
12/20/17	24													True	9.00	1.00	24.00	24.00	24.00	8.00					24.00	8.00	2.67

Mark Owen Sour Battery
Sec 35 T21S R37E



Mark Owen #18

Mark Owen #16

Mark Owen #9

Mark Owen Sour Battery

Mark Owen #15

Mark Owen #20

Mark Owen #7

Mark Owen #10

Mark Owen #17

Google earth

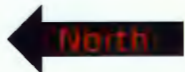
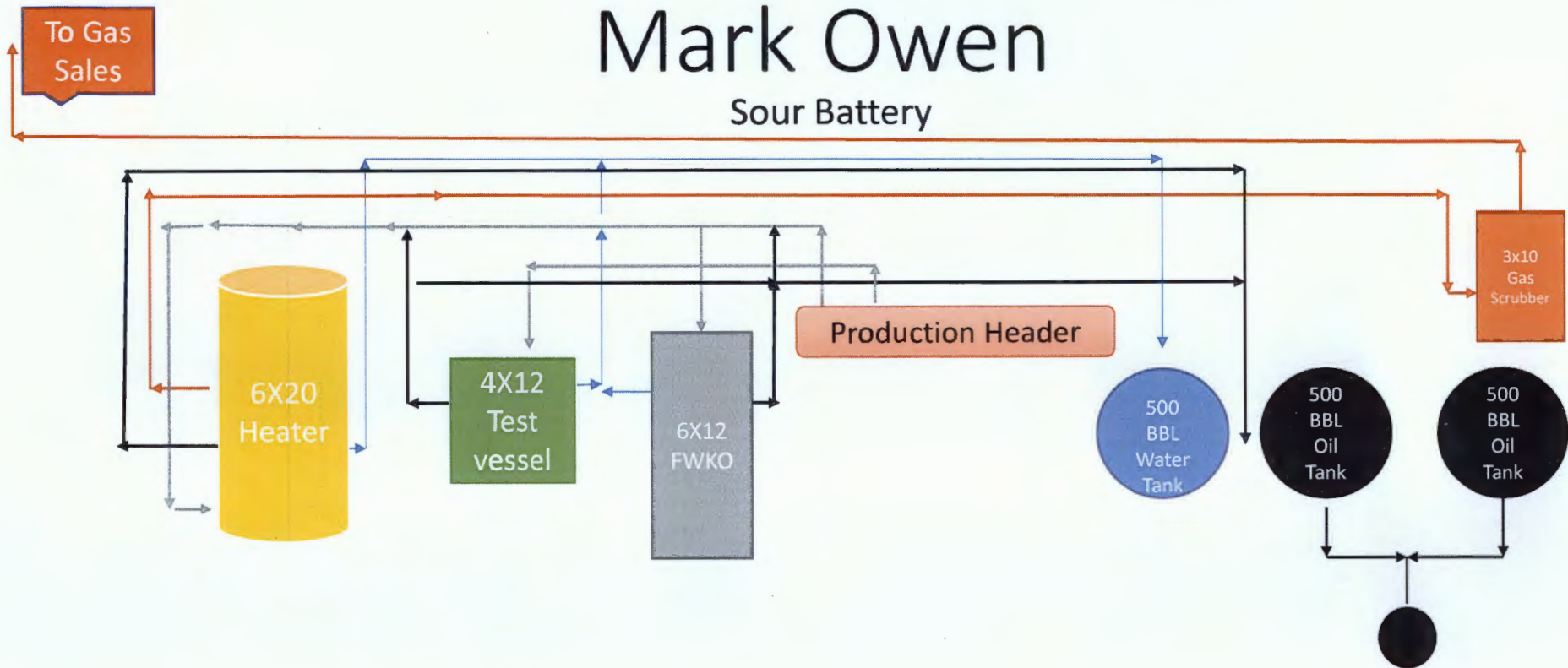
© 2018 Google

1000 ft



Mark Owen

Sour Battery



Water lines in Blue

Oil lines Black

Gas lines in Orange

Total Fluid in Gray

SEC 35 T21S R37E

MARK OWEN SOUR BATTERY



35-1215-R37E



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

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

Form C-102
Revised June 10, 2003

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25130		² Pool Code 50350		³ Pool Name Penrose Skelly Grayburg	
⁴ Property Code 006454		⁵ Property Name Mark Owen			⁶ Well Number 7
⁷ OGRID No. 14021		⁸ Operator Name Marathon Oil Company			⁹ Elevation 3367'

¹⁰ Surface Location

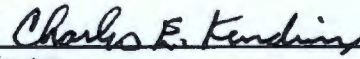
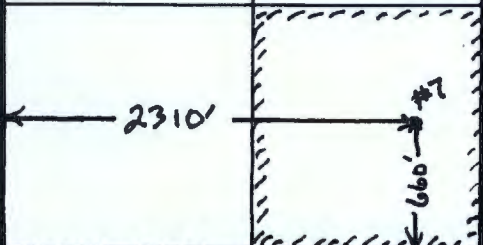
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	21-S	37-E		660'	South	2310'	West	Lea

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

¹² Dedicated Acres 40	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.
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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

16				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Charles E. Kendrix Printed Name Engineering Technician cekendrix@marathonoil.com Title and E-mail Address 02/15/2006 Date
				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 of Survey Signature and Seal of Professional Surveyer:
				Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

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

Form C-102
Revised June 10, 2003

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-29468		² Pool Code 50350		³ Pool Name Penrose Shelly Grayburg	
⁴ Property Code 006454		⁵ Property Name Mark Owen			⁶ Well Number 9
⁷ OGRID No. 14021		⁸ Operator Name Marathon Oil Company			⁹ Elevation 3383'

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
L	35	21-S	37-E		1830'	South	660'	West	Lea

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

¹² Dedicated Acres 40	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------	------------------------------------	----------------------------------	-------------------------

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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Charles E. Fendrix</u> Signature <u>Charles E. Fendrix</u> Printed Name <u>Engineering Technician</u> <u>cefendrix@MarathonOil.com</u> Title and E-mail Address <u>07/28/2004</u> Date			
	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 of Survey Signature and Seal of Professional Surveyor: Certificate Number			

DISTRICT I
1625 N. FRENCH DR., ROSA, NM 86240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86216

DISTRICT III
1000 Rio Bravos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 50350	Pool Name PENROSE SKELLY; GRAYBURG
Property Code 6454	Property Name MARK OWEN	Well Number 10
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3376'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	21-S	37-E		510	SOUTH	660	WEST	LEA

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Frank M. Krugh</i> Signature</p> <p>FRANK M. KRUGH Printed Name</p> <p>Reg. Comp. Rep. III Title</p> <p>10/31/05 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 20, 2005</p> <p>Date Surveyed</p> <p><i>Ronald J. Eidson</i> Signature</p> <p>Professional Surveyor</p> <p>05-14-1646 Certificate No.</p> <p>3239</p>

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-37533	² Pool Code 24170	³ Pool Name Eunica, San Andres, South
⁴ Property Code 306607	⁵ Property Name Mark Owen	⁶ Well Number 010
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	⁹ Elevation 3376'

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
M	35	21S	37E		510	South	660	West	Lea

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
¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. DHC-3852						

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.

¹⁶ 	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 undivided 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: <u>Reesa Fisher</u> Date: <u>04/14/2014</u> Printed Name: <u>Reesa Fisher</u> Email: <u>Reesa.Fisher@apachecorp.com</u>			
	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 of Survey: Signature and Seal of Professional Surveyor: Certificate Number:			

APR 14 2014

DISTRICT I
1626 N. FRENCH DR., HOBBES, NM 85240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
	50350	PENROSE SKELLY; GRAYBURG
Property Code	Property Name	Well Number
6454	MARK OWEN	15
OCRID No.	Operator Name	Elevation
14021	MARATHON OIL COMPANY	3374'

Surface Location

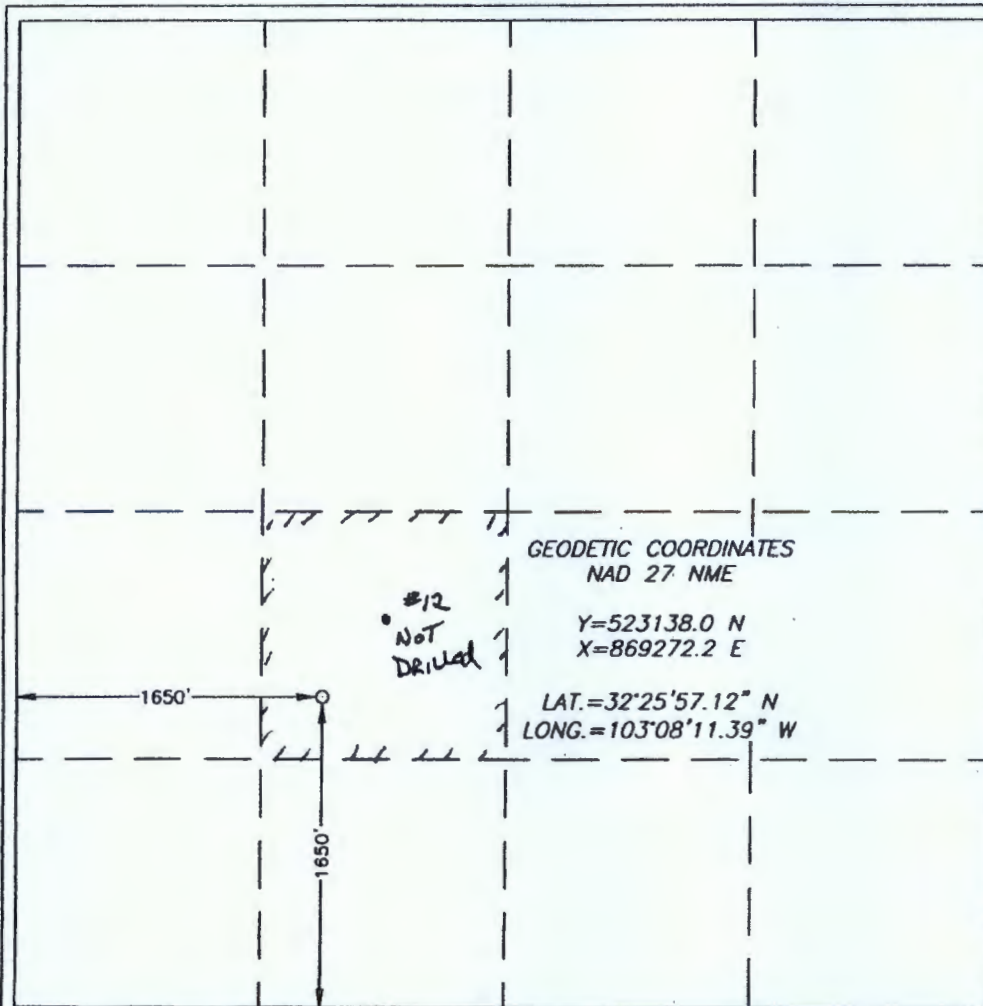
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	21-S	37-E		1650	SOUTH	1650	WEST	LEA

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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



OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Frank M Krugh
Signature

FRANK M KRUGH
Printed Name

Reg. Comp. Rep. III
Title

1/19/2006
Date

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.

JANUARY 12, 2006

Date Surveyed LA

Signature & Seal of
Professional Surveyor

Gary Hudson
NEW MEXICO
06.11.0060
1/17/06

Certificate No. GARY HUDSON 12841

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

OIL CONSERVATION DIVISION
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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-37649		² Pool Code 49210	³ Pool Name Paddock
⁴ Property Code 006454	⁵ Property Name Mark Owen		⁶ Well Number 15
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company		⁹ Elevation 3374'

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
K	35	21-S	37-E		1650	South	1650	West	Lea

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

¹² Dedicated Acres 40	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Charles E. Kendrick Printed Name Regulatory Compliance Rep cekendrix@marathonoil.com Title and E-mail Address 05/03/2006 Date
	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 of Survey Signature and Seal of Professional Surveyer: Certificate Number

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DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

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OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39601	Pool Code 50350	Pool Name Penrose Skelly; Grayburg
Property Code 306607	Property Name MARK OWEN	Well Number 16
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3370'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	21 S	37 E		1980	SOUTH	2310	WEST	LEA

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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

<p>SURFACE LOCATION Lat - N 32°26'00.88" Long - W 103°08'05.44" NMSPC- N 523540.847 E 911107.516 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Amber Cooke</i> 2/26/10 Signature Date</p> <p>Amber Cooke Printed Name</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 30 2009 Date Surveyed</p> <p><i>[Signature]</i> Signature of Professional Surveyor</p> <p>7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

DISTRICT I

1635 N. FRENCH DR., BOBBS, NM 86240

DISTRICT II

1201 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37653	Pool Code 50350	Pool Name PENROSE SKELLY; GRAYBURG
Property Code 6454	Property Name MARK OWEN	Well Number 17
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3370'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	21-S	37-E		510	SOUTH	1650	WEST	LEA

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Frank M Krugh</i> Signature FRANK M KRUGH Printed Name Reg. Comp. Rep. III Title 1/19/06 Date
	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. JANUARY 11, 2006 Date Surveyed Signature & Seal of Professional Surveyor
	Certificate No. GARY HUDSON 12641

DISTRICT I
1626 N French Dr., Hobbs, NM 88240

DISTRICT II
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DISTRICT III
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OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-025-39602	50350	Penrose Skelly; Grayburg
Property Code	Property Name	Well Number
306607	MARK OWEN	18
OGRID No.	Operator Name	Elevation
873	APACHE CORPORATION	3382'

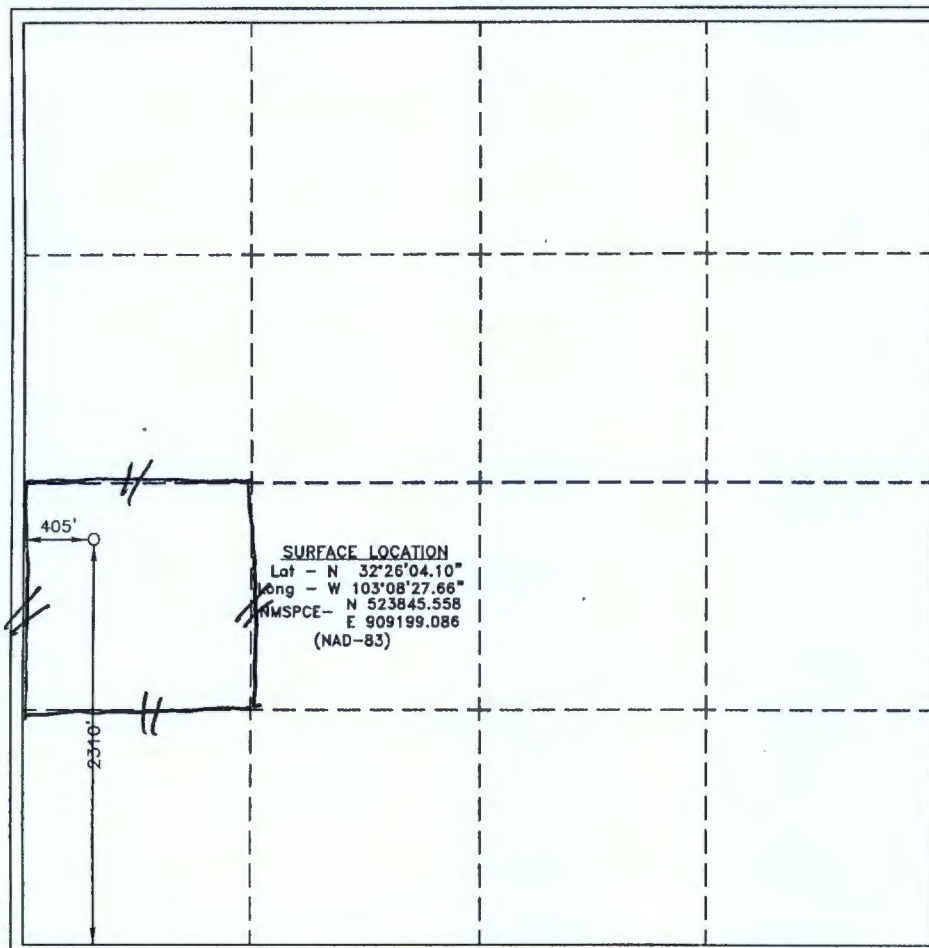
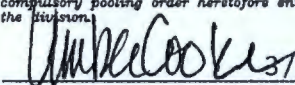
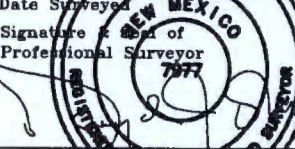
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	35	21 S	37 E		2310	SOUTH	405	WEST	LEA

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
40									

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

 <p>SURFACE LOCATION Lat - N 32°26'04.10" Long - W 103°08'27.66" NAD83 - N 523845.558 E 909199.086 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p> 10/10 Signature Date</p> <p>Amber Cooke Printed Name</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOV 11 2009 Date Surveyed</p> <p> Signature of Professional Surveyor</p> <p>7977 Certificate No.</p>
	<p>7977 Certificate No.</p>
	<p>BASIN SURVEYS</p>

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
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DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39827	Pool Code 50350	Pool Name PENROSE SKELLY; GRAYBURG
Property Code 306607	Property Name MARK OWEN	Well Number 020
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3380'

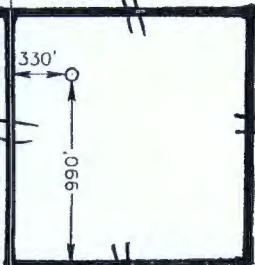
Surface Location

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	35	21-S	37-E		990	SOUTH	330	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

<p>GEODETIC COORDINATES NAD 27 NME Y=522460.5 N X=867959.9 E LAT.=32.430711° N LONG.=103.140774° W</p> 	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Reesa Holland</i> 9/30/10 Signature Date REESEA HOLLAND Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>RONALD J. EIDSON JUNE 22 2010 Date Surveyed Signature & Seal of 0239 Professional Surveyor <i>Ronald J. Eidson</i> 06/24/2010 10.11.0854</p> <p>Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239</p>
--	--



State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Surface Commingling (Identical Ownership)
Mark Owen: Sour Battery
SW/4 of Section 35, Township 21 South, Range 37 East
Lea County, NM

Ladies and Gentlemen:

Identical ownership (working interest, royalty, and overriding royalty owners) exists as to all of the following wells located in the SW/4 of Section 35, Township 21 South, Range 37 East, Lea County, New Mexico:

<u>API</u>	<u>Well Name</u>	<u>Well No.</u>
30-025-25130	MARK OWEN	#007
30-025-29468	MARK OWEN	#009
30-025-37533	MARK OWEN	#010
30-025-37649	MARK OWEN	#015
30-025-39601	MARK OWEN	#016
30-025-37653	MARK OWEN	#017
30-025-39602	MARK OWEN	#018
30-025-39827	MARK OWEN	#020

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-1846.

Sincerely,
APACHE CORPORATION

Laci Stretcher
Landman
laci.stretcher@apachecorp.com
432-818-1846 (office)
432-818-1197 (fax)

McMillan, Michael, EMNRD

From: Fisher, Reesa <Reesa.Fisher@apachecorp.com>
Sent: Tuesday, February 13, 2018 8:29 AM
To: McMillan, Michael, EMNRD
Subject: RE: Mark Owen wells
Attachments: Mark Owen C103 Amend Sweet Btry Comm.pdf; Mark Owen C103 Amend Sour Btry Comm.pdf

I verified with my foreman and added statement about monthly well testing to allocate. Let me know if this works.

Thanks – R ☺

REESA FISHER

direct 432-818-1062 | 6325C

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Tuesday, February 13, 2018 8:59 AM
To: Fisher, Reesa <Reesa.Fisher@apachecorp.com>
Subject: RE: Mark Owen wells

Do e-mail me the information.
Mike

From: Fisher, Reesa [<mailto:Reesa.Fisher@apachecorp.com>]
Sent: Tuesday, February 13, 2018 6:34 AM
To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: RE: Mark Owen wells

Oh, heck . . . I'll update the Sundries to show they are allocated by well test at the battery. Can I e-mail those?

REESA FISHER

direct 432-818-1062 | 6325C

From: McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]
Sent: Monday, February 12, 2018 5:02 PM
To: Fisher, Reesa <Reesa.Fisher@apachecorp.com>
Subject: Mark Owen wells

Reesa:
I did not see a description of how the wells will be measured.
Mike

Michael McMillan
1220 South St. Francis
Santa Fe, New Mexico
505-476-3448
Michael.mcmillan@state.nm.us