

8/2/06 DATE IN	8/22/2006 SUSPENSE	DAVID CATANACH ENGINEER	8/3/06 LOGGED IN	CTB TYPE	APP NO. PTD50621545894
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



565

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

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

- [4] **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.

Print or Type Name

Signature

Title

Date

e-mail Address



Samson Plaza
Two West Second Street
Tulsa, Oklahoma 74103-3103
USA
918/591-1791
Fax 918/591-1796

2006 JUL 33 AM 11 53

July 5, 2006

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: Request to Surface Commingle
Lea Federal Unit #18 - API# 30-025-36904 - Sec. 11-20S-34E
Lea Federal Unit #19 - API# 30-025-36905 - Sec. 12-20S-34E
Lea Federal Unit #20 - API# 30-025-37012 - Sec. 14-20S-34E
Lea County, NM

Dear Sir or Madam;

Samson Resources Company is requesting to surface commingle oil and gas production from the referenced wells in the referenced location. The wells will be commingled into a common surface facility. Please find required forms enclosed.

Samson will individually monitor produced oil and gas volumes from all wells commingled at the common surface facility to ensure the accurate allocation of oil and gas production to each well. All interest owners have been notified of the proposal.

Should you have any questions concerning Samson's application, please contact me at (918) 591-1971.

Respectfully,

A handwritten signature in cursive script that reads 'Kathy R. Staton'.
Kathy R. Staton
Regulatory Technician

copy to Hobb District office

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Ave, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised June 10, 2003

OIL CONSERVATION DIVISION

1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Samson Resources Company ATTN: Kathy Staton

OPERATOR ADDRESS: Two West Second Street, Tulsa, OK 74103

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No.

(4) Measurement type: ☐ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code. *Lea Penn - 80040*

(2) Is all production from same source of supply? ☒ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

SEE ATTACHMENTS

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

SIGNATURE: *Randal L. Maxwell*

TITLE: Regulatory Engineer DATE: 7/7/06

TYPE OR PRINT NAME Randal L. Maxwell

TELEPHONE NO.: (918)591-1971

E-MAIL ADDRESS: kstaton@samson.com

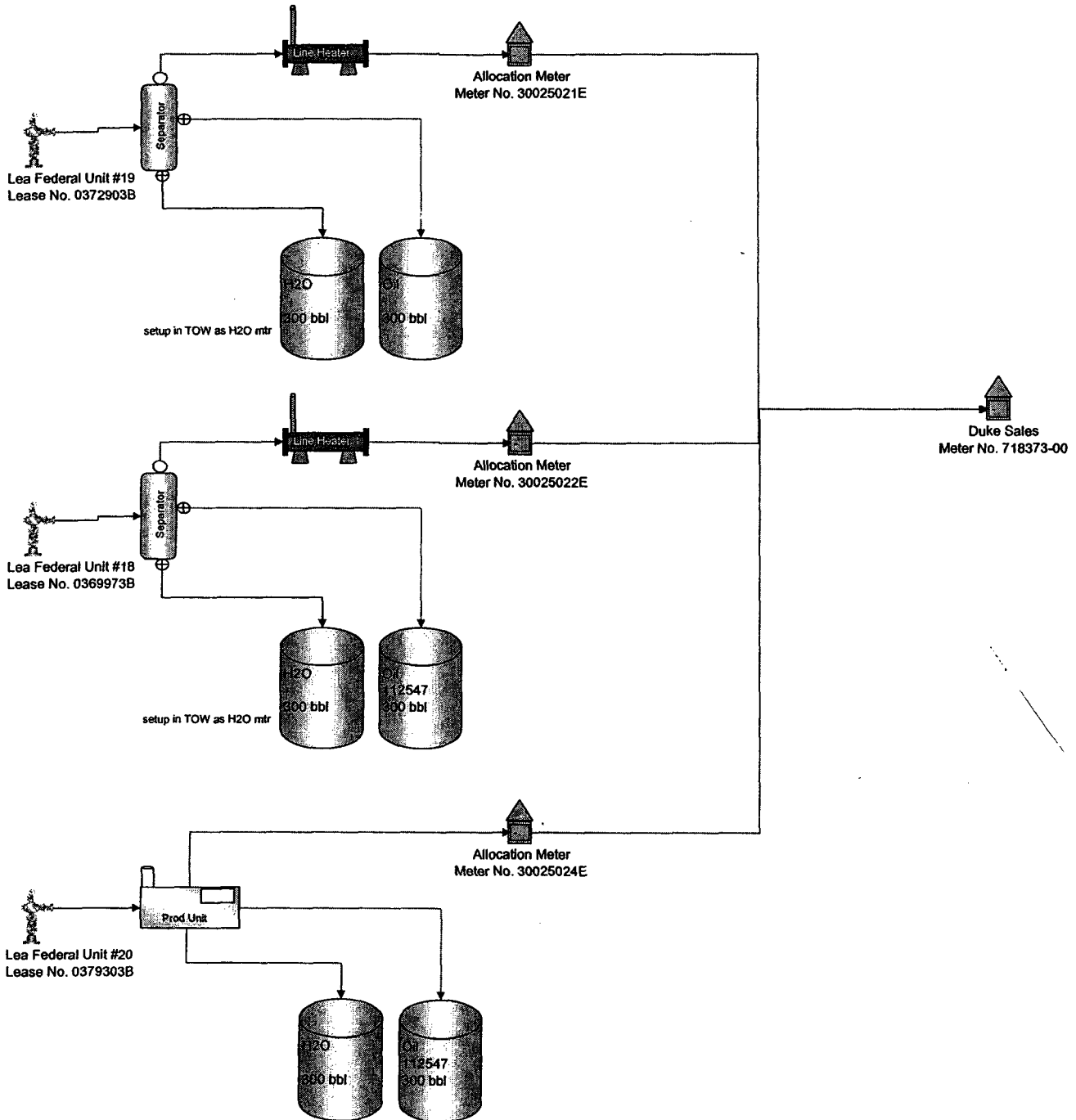
Attachment for Application for Surface Commingling

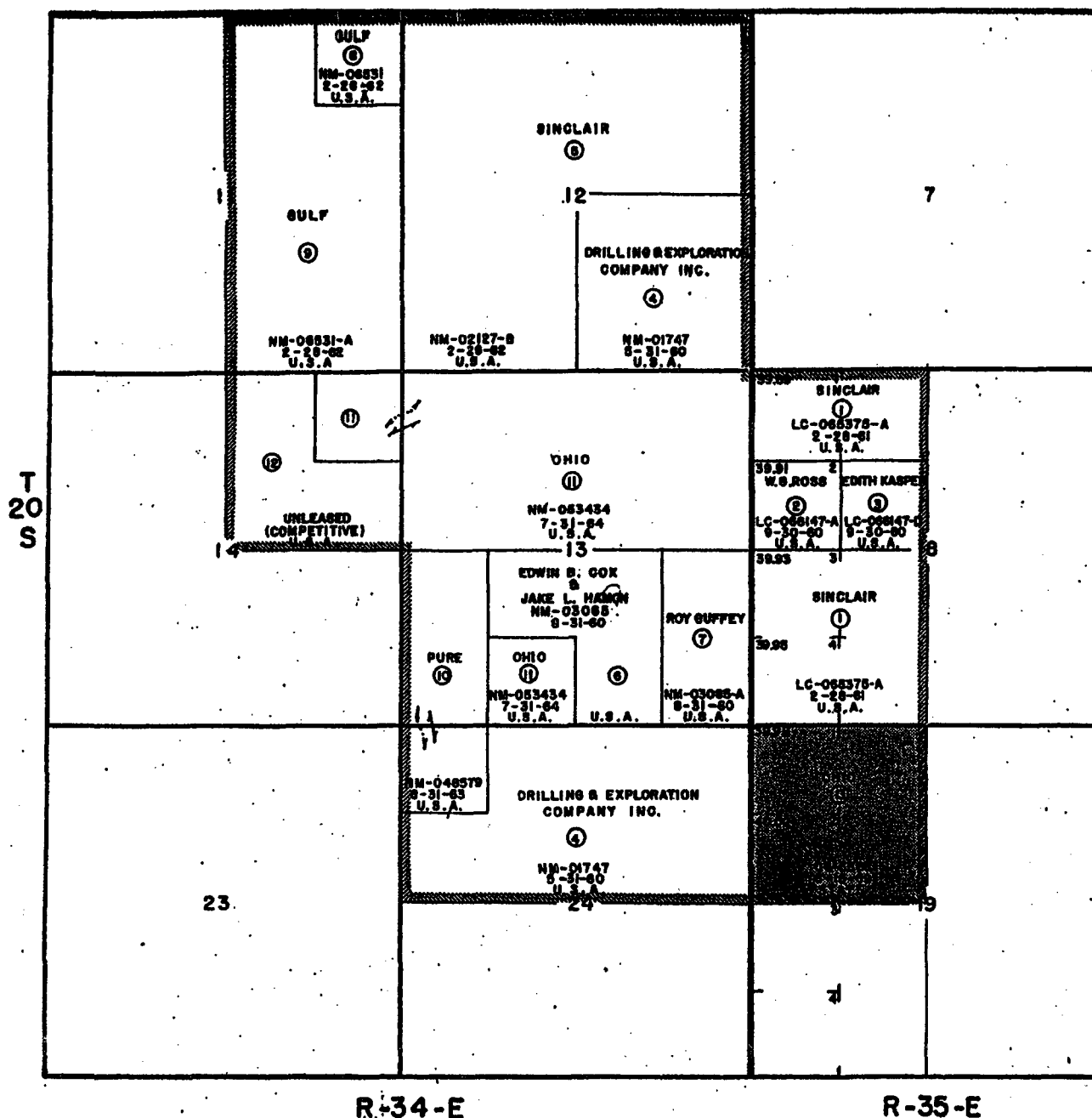
Lea Federal Unit CP
Sec. 11, 12 & 14-20S-34E
Lea County, NM

<u>LEASE NAME:</u>	<u>LEASE AND WELL NAME:</u>	<u>API #</u>
<i>Lea Federal Unit CPA</i>	<i>Lea Federal Unit #18</i>	<i>30-025-36904</i>
	<i>Lea Federal Unit #19</i>	<i>30-025-36905-0051</i>
	<i>Lea Federal Unit #20</i>	<i>30-025-37012</i>

Lea Federal Unit CP
Lea, NM

Created: 7/14/2005
By: Lainie Pleake
Updated: 1/20/2006





Federal Serial Numbers Involved in Unit	
①	LC - 065375 - A
②	LC - 065147 - A
③	LC - 065147 - D
④	NM - 01747
⑤	NM - 02127 - B
⑥	NM - 03085
⑦	NM - 03085 - A
⑧	NM - 05531
⑨	NM - 05531 - A
⑩	NM - 045579
⑪	NM - 053434

LEA UNIT AREA

OWNER NAME	ADDRESS LINE 1	ADDRESS LINE 2	ADDRESS LINE 3	CITY	STATE	ZIP CODE
ABBIE MOODY CLIFF	305 W THIRD			DEXTER	NM	88201
3ROTHERS PRODUCTION CO., INC.	P.O. BOX 7515			MIDLAND	TX	79708
CHARITIES SUPPORT	FOUNDATION, INC.	PO BOX 5562		MIDLAND	TX	79704
DAVID THOMAS FREET	9240 SOUTH 92ND EAST AVE			TULSA	OK	74133
DEVON ENERGY PRODUCTION CO, LP	20 NORTH BROADWAY			OKLAHOMA CITY	OK	73102-8260
DOROTHY E COX MCCORMICK	1521 PARK AVENUE SW			ALBUQUERQUE	NM	87104-1023
E MARLAYNE RIBBACH,	JOHN A RIBBACH & MARK A RIBBACH	JTWROS		ROSWELL	NM	88203-2634
F WAYNE MILNER	903 PEARSON DRIVE			ROSWELL	NM	88201-1167
FINLEY RESOURCES, INC.	5811-A 63RD ST.			LUBBOCK	TX	79424
FLOYD HUGH DAVIS	22301 HAMILTON POOL RD			DRIPPING SPGS	TX	78620
FREE RIDE LLC	1801 WEST 2ND ST			ROSWELL	NM	88201-1709
GEORGI DAVIS DUWE	6802 ROCKLEDGE COVE			AUSTIN	TX	78731
HANSON-MCBRIDE PETROLEUM CO.	P.O. BOX 1515			ROSWELL	NM	88202-1515
HERD PARTNERS, LTD.	P.O. BOX 130			MIDLAND	TX	79702
HOWE FAMILY TRUST	ROBERT F HOWE, AND			OCCIDENTAL	CA	95465-9351
I A STAFFORD PROPERTIES LTD	PO BOX 600005	FRANCES E HOWE, TRUSTEES	3907 JOY ROAD	DALLAS	TX	75360-0005
JAMES D. FINLEY	1308 LAKE ST, STE 200			FT WORTH	TX	76102
J. STEPHEN HAGOOD	PO BOX 1401			DENVER	CO	80201-1401
JARGO J MCCORMICK	1521 PARK AVE SW			ALBUQUERQUE	NM	87104-1023
JARY L SKAVARIL	222 EAST TORRENCE RD			COLUMBUS	OH	43214-3834
JEL B O'REILLY	3809 LAHACIENDA DR NE			ALBUQUERQUE	NM	87110-6116
MICHAEL F MCCORMICK	2324 STAGECOACH DR			LAS CRUCES	NM	88011
MINERALS MANAGEMENT SERVICE	ROYALTY MANAGEMENT PROGRAM	PAYOR CODE 48800		DENVER	CO	80217-5810
MONICA A O'REILLY	3808 LAHACIENDA DR NE			ALBUQUERQUE	NM	87110-6116
MORIAH RESOURCES, INC.	PO BOX 5562			MIDLAND	TX	79704
MUL SLAYTON	PO BOX 2035			ROSWELL	NM	88202-2035
MISCILLA DAVIS GRAVELY	3510 ST JOHNS DR			DALLAS	TX	75205
M R HERRELL PROPERTIES LTD	% JAY E FLOYD, AIF	9-Mar-90 VEE K ROSS, TRUSTEE		MIDLAND	TX	79710-2108
ROSS FAMILY TRUST DATED				MIDLAND	TX	79702-0086
HARON VEE ROSS JACKSON	22 OAK LAWN PARK			MIDLAND	TX	79705-6546
EDNEY ROGER DAVIS	PO BOX 29330			AUSTIN	TX	78755
STATE OF NEW MEXICO	STATE LAND OFFICE	COMMISSIONERS OF PUBLIC LAND	P.O. BOX 1148	SANTA FE	NM	87504-1148
UMMIT OVERSEAS EXPLOR., INC.	PO BOX 271127			LITTLETON	CO	80127-1127
THE COLLEGE OF THE SOUTHWEST	FOUNDATION	6610 N LOVINGTON HWY		HOBBS	NM	88240-9120
VAIKI PARTNERS, L.P.	PO BOX 2127			MIDLAND	TX	79702-2127

New Mexico Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, NM 88240

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. NM-06531-A		
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name		
2. Name of Operator Samson Resources			7. If Unit or CA Agreement, Name and No.		
3a. Address Samson Plaza--Two W. 2nd St. Tulsa, OK 74103			8. Lease Name and Well No. Lea Federal Unit, Well No. 18		
3b. Phone No. (include area code) (918) 591-1822			9. API Well No. 30-025-36904		
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 660' FNL & 1600' FEL Capitan Controlled Water Basin At proposed prod. zone same Unit B			10. Field and Pool, or Exploratory Lea Penn		
14. Distance in miles and direction from nearest town or post office* 50 miles northeast of Carlsbad, NM			11. Sec., T., R., M., or Blk. and Survey or Area Sec. 11-T20S-R34E		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'		16. No. of Acres in lease 280	17. Spacing Unit dedicated to this well 160		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1650'		19. Proposed Depth 13,340'	20. BLM/BIA Bond No. on file NM-2037		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3665' GL		22. Approximate date work will start* September 20, 2004	23. Estimated duration 5 weeks		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>George R. Smith</i>	Name (Printed/Typed) George R. Smith	Date 8/13/04
Title Agent for Samson Resources		
Approved by (Signature) <i>LSI RUSS SORENSEN</i>	Name (Printed/Typed) LSI RUSS SORENSEN	Date OCT 05 2004
Title ACTING FIELD MANAGER		
Office CARLSBAD FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

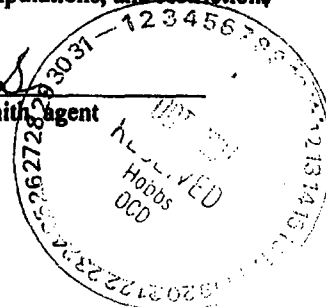
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Lease Responsibility Statement: Samson Resources Co. accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof.

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

OPER. OGRID NO. 20165 George R. Smith, Agent
PROPERTY NO. 34342
POOL CODE 80040
EFF. DATE 10/2/04
API NO. 30-025-36904



DISTRICT I

1630 N. FRENCH DR., HOBBES, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTERIA, 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

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

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36904	Pool Code 80040	Pool Name Lea Penn
Property Code 34342	Property Name LEA FEDERAL UNIT	Well Number 18
OGRID No. 20165	Operator Name SAMSON RESOURCES	Elevation 3665'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	20-S	34-E		660'	NORTH	1600'	EAST	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 Initial	Consolidation Code	Order No.
160		Unit	

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</p> <p>Y=580367.8 N X=748330.7 E</p> <p>LAT.=32°35'34.62" N LONG.=103°31'37.32" W</p>	<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>George R. Smith</i> Signature</p> <p>George R. Smith, agent Printed Name</p> <p>for Samson Resources Title</p> <p>August 12, 2004 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>JUNE 21, 2004 Date Surveyed</p> <p>LA Signature & Seal of Professional Surveyor</p> <p><i>Gary R. Gibson</i> 04.11.0763</p> <p>Certificate No. GARY GIBSON 12841</p>
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New Mexico Oil Conservation Division, District I

1625 N. French Drive
Hobbs, NM 88240

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM- 01747	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Samson Resources		7. If Unit or CA Agreement, Name and No.	
3a. Address Samson Plaza-Two W. 2nd St. Tulsa, OK 74103		8. Lease Name and Well No. Lea Federal Unit, Well No. 19	
3b. Phone No. (include area code) (918) 591-1822		9. API Well No. 3D-025-36905	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 660' FSL & 990' FEL At proposed prod. zone same		10. Field and Pool, or Exploratory Lea Penn	
14. Distance in miles and direction from nearest town or post office* 50 miles northeast of Carlsbad, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 12-T20S-R34E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'		12. County or Parish Lea	
16. No. of Acres in lease 360		13. State NM	
17. Spacing Unit dedicated to this well 160			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1650'		20. BLM/BIA Bond No. on file NM-2037	
19. Proposed Depth 13,310'			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3669' GL		23. Estimated duration 5 weeks	
22. Approximate date work will start* Nov. 1, 2004			
24. Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>George R. Smith</i>	Name (Printed/Typed) George R. Smith	Date 8/23/04
Title Agent for Samson Resources		
Approved by (Signature) <i>151 Russ Sorensen</i>	Name (Printed/Typed) 151 Russ Sorensen	Date OCT 05 2004
Title Acting FIELD MANAGER		
Office CARLSBAD FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

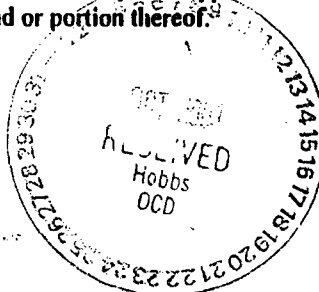
APPROVAL FOR 1 YEAR

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.

*(Instructions on reverse)

Lease Responsibility Statement: Samson Resources Co. accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED



George R. Smith, agent
OPER. OGD NO. 20165
PROPERTY NO. 34342
POOL CODE 80040
EFF. DATE 10/12/04
API NO. 3D-025-36905

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1035 N. FRENCH DR., HOBBBS, NM 88240

DISTRICT II

1201 W. GRAND AVENUE, ALBUQUERQUE, NM 88210

DISTRICT III

1000 Rio Brasos Rd., Aztec, NM 87410

DISTRICT IV

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

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

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36905	Pool Code 80040	Pool Name Lea Penn
Property Code 34342	Property Name LEA FEDERAL UNIT	Well Number 19
GRID No. 20165	Operator Name SAMSON RESOURCES	Elevation 3669'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	20-S	34-E		660'	SOUTH	990'	EAST	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.
160			

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 information contained herein is true and complete to the best of my knowledge and belief. <i>George R. Smith</i> Signature George R. Smith, agent Printed Name for Samson Resources Title August 23, 2004 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. JUNE 21, 2004 Date Surveyed Signature & Seal of Professional Surveyor <i>Gary A. Eubank</i> 6/29/04 04.11.0764 Certificate No. GARY EUBANK 12841

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM-080262
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Samson Resources 20165		7. If Unit or CA Agreement, Name and No. Lea Federal Unit, Well No. 20
3a. Address Samson Plaza—Two W. 2nd St. Tulsa, OK 74103		8. Lease Name and Well No.
3b. Phone No. (include area code) (918) 591-1822		9. API Well No. 30-025-37012
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 990' FNL & 1750' FEL At proposed prod. zone same UL "B" Carbon Controlled Water Basin		10. Field and Pool, or Exploratory Lea Penn (Gas) 80040
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 14-T20S-R34E		12. County or Parish Lea
13. State NM		
14. Distance in miles and direction from nearest town or post office* 50 miles northeast of Carlsbad, NM	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 430'	16. No. of Acres in lease 120
17. Spacing Unit dedicated to this well 160	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. N/A	19. Proposed Depth 13,325'
20. BLM/BIA Bond No. on file NM-2037	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3649' GL	22. Approximate date work will start* January 5, 2005
23. Estimated duration 5 weeks	24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>George R. Smith</i>	Name (Printed/Typed) George R. Smith	Date
Title Agent for Samson Resources		
Approved by (Signature) <i>ISI RUSS SORENSEN</i>	Name (Printed/Typed) ISI RUSS SORENSEN	Date DEC 10 2004
Title Acting FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

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.

*(Instructions on reverse)

Lease Responsibility Statement: Samson Resources accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

KRS
George R. Smith, agent

KZ

State of New Mexico

DISTRICT I

1625 N. FRANCES DR., BOHDS, NM 88240

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 V. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37012	Pool Code 80040	Pool Name Lea, Penn (gas)
Property Code 34342	Property Name LEA FEDERAL UNIT	Well Number 20
OGRID No. 20165	Operator Name SAMSON RESOURCES	Elevation 3649'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	20-S	34-E		990'	NORTH	1750'	EAST	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 160	Joint or Infill	Consolidation Code Unit	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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>George R. Smith</u> Signature George R. Smith, agent for Printed Name Samson Resources Title August 31, 2004 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. JUNE 21, 2004 Date Surveyed Signature & Seal of Professional Surveyor <u>Gary R. Edson</u> 04110755 Certificate No. GARY EDSON 12841