

8/11/08	SUSPENSE	Brooks	8/11/08	NSL	PKVRO82245567
DATE IN		ENGINEER	LOGGED IN	TYPE	APP NO

ABOVE THIS LINE FOR DIVISION USE ONLY

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



Samson Resources Co  
 Lea Unit Fed #29

**ADMINISTRATIVE APPLICATION CHECKLIST**

5933

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.

James Bruce  
 P.O. Box 1056  
 Santa Fe, New Mexico 87504

Signature

Attorney for Applicant  
 Title Date

jamesbruc@aol.com  
 e-mail Address

RECEIVED  
 2008 AUG 11 PM 1 48

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

jamesbruc@aol.com

July 14, 2008

Hand delivered

Mark E. Fesmire, P.E.  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Fesmire:

Pursuant to Division Rule 104.F(2), Samson Resources Company applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	Lea Unit Fed. No. 29
<u>Location:</u>	1225 feet FNL & 1905 feet FWL
<u>Well Unit:</u>	E $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 24, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico

*undesignated*

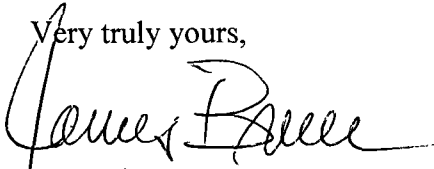
The well will be drilled to a depth sufficient to test the Morrow formation, and the location is orthodox in that zone. However, the well is prospective in the Bone Spring formation (Lea-Bone Spring Pool). Under Division Order No. R-1827, the Bone Spring is spaced on 80 acres, with wells to be within 150 feet of the center of a quarter-quarter section. A Form C-102 for the well is attached as Exhibit A.

The well's location is based upon topography and Morrow geology. There are sand dunes in this area, and the proposed location is the one that the Bureau of Land Management would approve.

A land plat is attached as Exhibit B. The E $\frac{1}{2}$ NW $\frac{1}{4}$  of Section 24 is covered by Federal Lease NM 01747. A serial register page from the records of the Bureau of Land Management is attached as Exhibit C. There is common ownership in the Bone Spring formation in the E $\frac{1}{2}$ NW $\frac{1}{4}$  of Section 24. Thus, the well does not encroach on any interest owner, and notice of this application has not been given to anyone.

Please contact me if you need any further information on this application.

Very truly yours,

A handwritten signature in cursive script, appearing to read "James Bruce". The signature is written in dark ink and is positioned above the printed name.

James Bruce

Attorney for Samson Resources Company

## DISTRICT I

1025 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 and Natural Resources Department

## OIL CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name <b>LEA UNIT FEDERAL</b>	Well Number 29
OGRID No.	Operator Name <b>SAMSON RESOURCES</b>	Elevation 3671'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	20-S	34-E		1225	NORTH	1905	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><b>OPERATOR CERTIFICATION</b></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>Signature _____ Date _____</p> <p>Printed Name _____</p>
	<p><b>SURVEYOR CERTIFICATION</b></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 12, 2007</p> <p>Date Surveyed _____ LA</p> <p>Signature &amp; Seal of Professional Surveyor _____</p> <p><i>Ronald Eidson</i> 10/22/07</p> <p>707.11.1438</p>
	<p><b>EXHIBIT A</b></p>
	<p>Certificate No. <b>GARY EIDSON</b> 12641 <b>RONALD EIDSON</b> 3239</p>



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

RunDate/Time: 08/11/08 10:43 AM

Page 1 of 2

**01 02-25-1920;041STAT0437;30USC226**  
**Case Type 311111: O&G LSE NONCOMP PUB LAND**  
**Commodity 459: OIL & GAS L**  
**Case Disposition: AUTHORIZED**

**Total Acres**  
**360.000**

**Serial Number**  
**NMNM-- 0 001747**

**Serial Number: NMNM-- 0 001747**

**Name & Address**

**Int Rel % Interest**

DEVON ENERGY PROD CO LP	20 N BROADWAY #1500	OKLAHOMA CITY OK 73102	LESSEE	50.000000000
LEGACY RESOURCES OPER LP	303 W WALL ST #1600	MIDLAND TX 79701	LESSEE	50.000000000
SAMSON RESOURCES CO	2 W SECOND ST	TULSA OK 74103	OPERATING RIGHTS	0.000000000

**Serial Number: NMNM-- 0 001747**

Mer Twp Rng Sec	STyp SNr Suff	Subdivision	District/Resource Area	County	Mgmt Agency
23 0200S 0340E 012	ALIQ	SE;	CARLSBAD FO	LEA	BUREAU OF LAND MGMT
23 0200S 0340E 024	ALIQ	E2NW,SWNW,W2NE;	CARLSBAD FO	LEA	BUREAU OF LAND MGMT

**Relinquished/Withdrawn Lands**

**Serial Number: NMNM-- 0 001747**

23 0200S 0340E 724	FF	E2NE,ASGN;	CARLSBAD FO	LEA	BUREAU OF LAND
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**Serial Number: NMNM-- 0 001747**

Act Date	Code	Action	Action Remarks	Pending Office
06/01/1950	124	APLN RECD		
06/01/1950	237	LEASE ISSUED		
06/01/1950	496	FUND CODE	05;145003	
06/01/1950	530	RLTY RATE - 12 1/2%		
06/01/1950	868	EFFECTIVE DATE		
12/09/1959	232	LEASE COMMITTED TO UNIT	NMNM70976X;LEA	
12/09/1959	501	REFERENCE NUMBER	UA-14080016455;	
04/01/1960	570	CASE SEGREGATED BY ASGN	INTO NMNM01747-A;	
04/20/1962	651	HELD BY PROD - ALLOCATED	LEA UA	
04/20/1962	660	MEMO OF 1ST PROD-ALLOC	LEA UA	
03/10/1987	140	ASGN FILED	ATLANTIC/HONDO OIL	
06/01/1987	139	ASGN APPROVED	EFF 04/01/87;	
06/08/1987	974	AUTOMATED RECORD VERIF	LQG/RL	
08/21/1987	963	CASE MICROFILMED	CNUM 102,842	
08/09/1991	817	MERGER RECOGNIZED	TXO PROD/MARATHON	
08/14/1992	140	ASGN FILED	HONDO O&G/DEVON ENE	
08/28/1992	909	BOND ACCEPTED	EFF 08/28/92;WY2606	
10/01/1992	621	RLTY RED-STRIPPER WELL	11.7%;/1/;891006455A	
11/02/1992	139	ASGN APPROVED	EFF 09/01/92;	
11/02/1992	974	AUTOMATED RECORD VERIF	BCO/AF	
03/08/1993	625	RLTY REDUCTION APPV	/1/	
06/30/1993	140	ASGN FILED	DEVON ENE/DEVON CORP	
09/17/1993	139	ASGN APPROVED	EFF 07/01/93;	
09/17/1993	974	AUTOMATED RECORD VERIF	SSP/KRP	
10/20/1993	974	AUTOMATED RECORD VERIF	JLV	
02/01/1999	621	RLTY RED-STRIPPER WELL	6.9%;	
01/11/2000	140	ASGN FILED	MARATHON/MORIAH	
04/06/2000	139	ASGN APPROVED	EFF 02/01/00;	
04/06/2000	974	AUTOMATED RECORD VERIF	JLV	
04/20/2000	625	RLTY REDUCTION APPV		

**NO WARRANTY IS MADE BY BLM  
FOR USE OF THE DATA FOR  
PURPOSES NOT INTENDED BY BLM**

EXHIBIT



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

RunDate/Time: 08/11/08 10:43 AM

Page 2 of 2

**01 02-25-1920;041STAT0437;30USC226**

**Total Acres  
360.000**

**Serial Number  
NMNM-- 0 001747**

**Case Type 311111: O&G LSE NONCOMP PUB LAND**

**Commodity 459: OIL & GAS L**

**Case Disposition: AUTHORIZED**

11/22/2000	817	MERGER RECOGNIZED	DEVONENE/DEVONENEP
11/22/2000	974	AUTOMATED RECORD VERIF	AT
04/01/2001	621	RLTY RED-STRIPPER WELL	8.5%;
07/06/2001	625	RLTY REDUCTION APPV	
06/01/2002	621	RLTY RED-STRIPPER WELL	6.9%;/4/891006455A
08/01/2003	621	RLTY RED-STRIPPER WELL	6.9%;/5/891006455A
09/11/2003	625	RLTY REDUCTION APPV	/4/
10/30/2003	625	RLTY REDUCTION APPV	/5/
10/01/2004	621	RLTY RED-STRIPPER WELL	7.7%;
02/01/2005	621	RLTY RED-STRIPPER WELL	11.7%/6/
04/06/2005	626	RLTY REDUCTION DENIED	
05/09/2006	140	ASGN FILED	BROTHERS/LEGACY RES;1
05/09/2006	140	ASGN FILED	MORIAH RE/LEGACY RE;1
09/07/2006	139	ASGN APPROVED	01EFF 06/01/06;
09/07/2006	139	ASGN APPROVED	02EFF 06/01/06;
09/07/2006	974	AUTOMATED RECORD VERIF	TF/TF
09/13/2006	625	RLTY REDUCTION APPV	
04/04/2007	932	TRF OPER RGTS FILED	LEGACY RE/SAMSON RE;1
06/11/2007	933	TRF OPER RGTS APPROVED	EFF 05/01/07;
06/11/2007	974	AUTOMATED RECORD VERIF	JLV
07/16/2007	625	RLTY REDUCTION APPV	/6/
05/29/2008	974	AUTOMATED RECORD VERIF	ANN

**Line Nr      Remarks**

**Serial Number: NMNM-- 0 001747**

0002	09/07/2006 - BONDED LESSEE
0003	LEGACY RESOURCES OPERATING, LP - NMB000394 SW/NM

**Brooks, David K., EMNRD**

---

**From:** Brooks, David K., EMNRD  
**Sent:** Friday, September 05, 2008 8:02 AM  
**To:** 'JamesBruc@aol.com'  
**Subject:** Samson - Lea Unit Fed #29

Dear Jim

You have requested approval for an NSL for the well 1225 FNL and 1905 FWL of 24-20S-34E.

Our file contains an approved APD showing the same well name and a location 1310 FNL and 1948 FWL.

Please clarify.

Thanks

David

9/5/2008



**Brooks, David K., EMNRD**

---

**From:** JamesBruc@aol.com  
**Sent:** Friday, September 05, 2008 8:04 AM  
**To:** Brooks, David K., EMNRD  
**Subject:** Re: Samson - Lea Unit Fed #29

David: I'm always the last to know. I'll check and get back to you.

Jim

---

It's only a deal if it's where *you* want to go. Find your travel deal [here](#).

---

This inbound email has been scanned by the MessageLabs Email Security System.

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9/5/2008

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

RECEIVED  
2008 OCT 6 PM 3 25

October 2, 2008

David K. Brooks  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Administrative application for an unorthodox oil well location:

Well: Lea Unit Fed. No. 29  
Well Unit: E $\frac{1}{2}$ NW $\frac{1}{4}$  of Section 24, Township 20 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico

Dear Mr. Brooks:

Regarding your e-mail (**Exhibit A**): The original requested location of 1225 feet FNL and 1905 feet FWL has indeed been moved to 1310 feet FNL and 1948 feet FWL. **Exhibit B**. The well was moved south and east to locate the well further away from existing pipelines. **Exhibit C**. The location is internal to the well unit, so notice is not required.

The well remains orthodox for the primary target, the Morrow formation (Lea-Pennsylvanian Gas Pool, which is spaced on 160 acres).

Very truly yours,

  
James Bruce

Attorney for Samson Resources Company

Subj: **Samson - Lea Unit Fed #29**  
Date: 9/5/2008 9:02:10 A.M. Mountain Daylight Time  
From: [david.brooks@state.nm.us](mailto:david.brooks@state.nm.us)  
To: [JamesBruc@aol.com](mailto:JamesBruc@aol.com)

Dear Jim

You have requested approval for an NSL for the well 1225 FNL and 1905 FWL of 24-20S-34E.

Our file contains an approved APD showing the same well name and a location 1310 FNL and 1948 FWL.

Please clarify.

Thanks

David

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

EXHIBIT

A

OCD-HOBBS

SECRETARY'S POTASH  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COPY

ATS-08-698

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>NM-01747</b>
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 checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>SAMSON RESOURCES COMPANY</b> <i>(20165)</i> <b>ATTN: DUKE ROUSH</b>		7. If Unit or CA Agreement, Name and No.
3a. Address <b>Two West Second Street, Tulsa, OK 74103</b>		8. Lease Name and Well No. <i>(34342)</i> <b>Lea Federal #29</b>
3b. Phone No. (include area code) <b>(432) 686-6336</b>		9. API Well No. <b>30-025-39077</b>
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface <b>1310' FNL &amp; 1948' FWL</b> <i>Unit C</i> At proposed prod. zone <b>same</b>		10. Field and Pool, or Exploratory <b>Lea Penn Gas</b>
14. Distance in miles and direction from nearest town or post office* <b>26 miles SW of Hobbs, NM</b>		11. Sec., T. R. M. or Blk. and Survey or Area <b>Section 24, T20S, R34E</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>1310'</b>	16. No. of acres in lease <b>320</b>	17. Spacing Unit dedicated to this well <b>160 acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>N/A</b>	19. Proposed Depth <b>13,500'</b>	20. BLM/BIA Bond No. on file <b>NM 2037</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>3670' GL</b>	22. Approximate date work will start* <b>Upon approval</b>	23. Estimated duration <b>35-40 days</b>

24. Attachments

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

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

25. Signature <i>[Signature]</i> <b>FOR</b>	Name (Printed/Typed) <b>Kenneth C. Dickeson</b>	Date <b>5/14/08</b>
Title <b>Authorized Agent</b>		

Approved by (Signature) <i>[Signature]</i> <b>William Merhege</b>	Name (Printed/Typed) <b>William Merhege</b>	Date <b>JUL 21 2008</b>
Title <b>Acting STATE DIRECTOR</b>		Office <b>NM STATE OFFICE</b>

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 TWO YEARS**

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 page 2)

RECEIVED

Capitan Controlled Water Basin

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

AUG - 4 2008  
HOBBS OCD

Approval Subject to General Requirements  
Stipulations Attached

EXHIBIT

B

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-39017</b>	Pool Code <b>80040</b>	Pool Name <b>Lea Penn (Gas)</b>
Property Code <b>34342</b>	Property Name <b>LEA FEDERAL Unit</b>	Well Number <b>29</b>
OGRID No. <b>20165</b>	Operator Name <b>SAMSON RESOURCES</b>	Elevation <b>3670'</b>

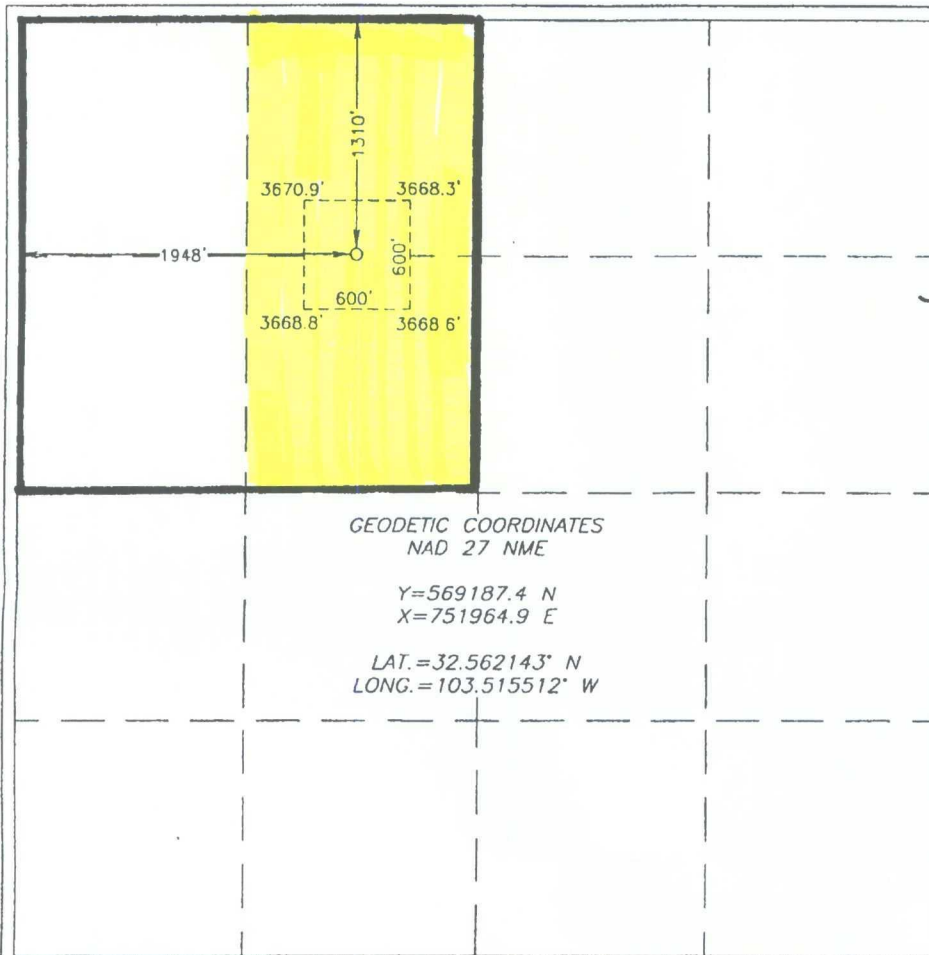
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	20-S	34-E		1310	NORTH	1948	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



OPERATOR CERTIFICATION

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.

*Kenneth C. Dickeson* 5/12/08  
Signature Date

FOR: KENNETH C. DICKESON  
Printed Name AUTHORIZED AGENT  
FOR SAMSON RESOURCES COMPANY

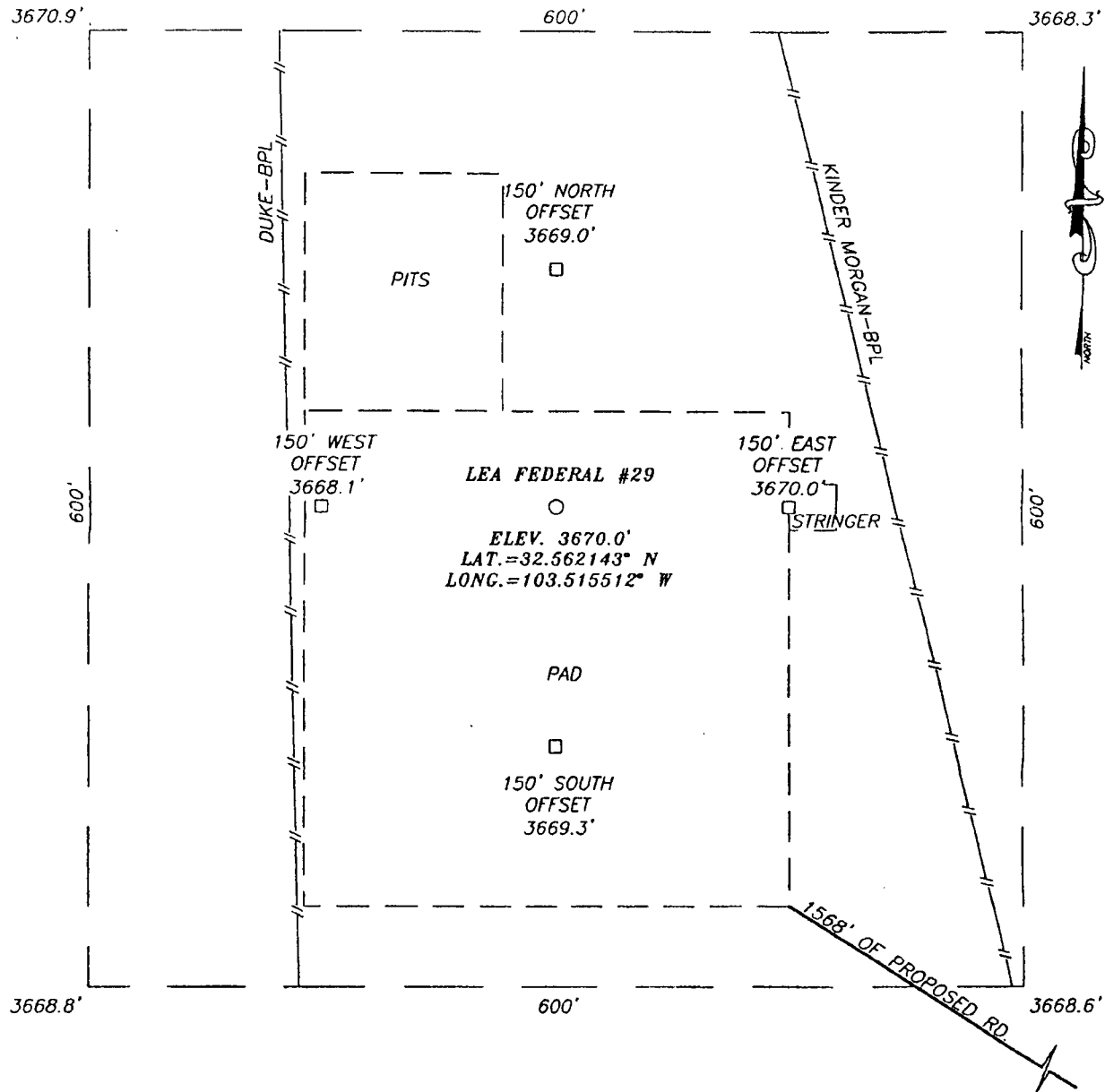
SURVEYOR CERTIFICATION

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.

DECEMBER 12, 2007  
Date Surveyed  
Signature & Seal of Professional Surveyor  
RONALD J. EIDSON  
3239

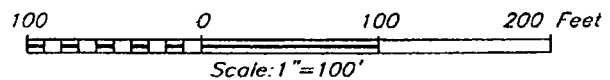
Certificate No. GARY EIDSON 12641  
RONALD J. EIDSON 3239

SECTION 24, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. 62-180 AND CO. RD. #H27 (MARATHON RD.), GO SOUTH ON MARATHON RD. APPROX. 5.6 MILES. TURN LEFT AND GO EAST THROUGH CATTLE GUARD APPROX. 0.5 MILES. TURN LEFT AND GO NORTH APPROX. 0.2 MILES. TURN LEFT AND GO WEST THEN NORTHWEST ON STAKED ROAD APPROX. 0.3 MILES TO THE SOUTHEAST CORNER OF THIS LOCATION.



**SAMSON RESOURCES**

LEA FEDERAL #29 WELL  
LOCATED 1310 FEET FROM THE NORTH LINE  
AND 1948 FEET FROM THE WEST LINE OF SECTION 24,  
TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

Survey Date: 12/12/07	Sheet 1 of 1 Sheets
W.O. Number: 07.11.1847	Dr By: AR
Date: 12/20/07	Disk: 07111847
	Scale: 1"=100'

PROVIDING SURVEYING SERVICES  
SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
412 N. DAL PASO  
HOBBS, N.M. 88240  
(505) 393-3117

EXHIBIT

C