

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No.  
SF0078384

6. If Indian, Allottee or Tribe Name

1a. Type of work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.  
CON HALE FEDERAL #11

2. Name of Operator  
PATINA OIL AND GAS CORPORATION

9. API Well No.  
30-045-32621

3a. Address 5802 US HIGHWAY 64  
FARMINGTON, NM 87401

3b. Phone No. (include area code)  
505.632.8056

10. Field and Pool, or Exploratory  
BASIN DAKOTA

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface 2258' FSL & 2260' FWL  
At proposed prod. zone SAME 1848' 750'

11. Sec., T. R. M. or Blk. and Survey or Area  
L 15-26N-8W

14. Distance in miles and direction from nearest town or post office\*  
16 MILES NORTHEAST OF BLANCO TRADING POST, NM

12. County or Parish  
SAN JUAN

13. State  
NM

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) 241'

16. No. of acres in lease  
2560'

17. Spacing Unit dedicated to this well  
320 Ac. W/2

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. 1925'+/-

19. Proposed Depth  
7500'

20. BLM/BIA Bond No. on file  
CO 1291

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
66 65 7005 GR

22. Approximate date work will start\*  
06/01/2005

23. Estimated duration  
16 DAYS

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 *Runell A. Seale*

Name (Printed/Typed)  
Runell A. Seale

Date  
10/15/2004

Title

Agent

raseale@patinasanjuan.com

Approved by (Signature) *[Signature]*

Name (Printed/Typed)

Date

Title

Office

FEO

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.

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)

An application for a pit permit must be filed w/  
NM OGD prior to starting construction on the  
well site.

property should be  
con Hale #24028  
- well in fills con Hale #2, #2E

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

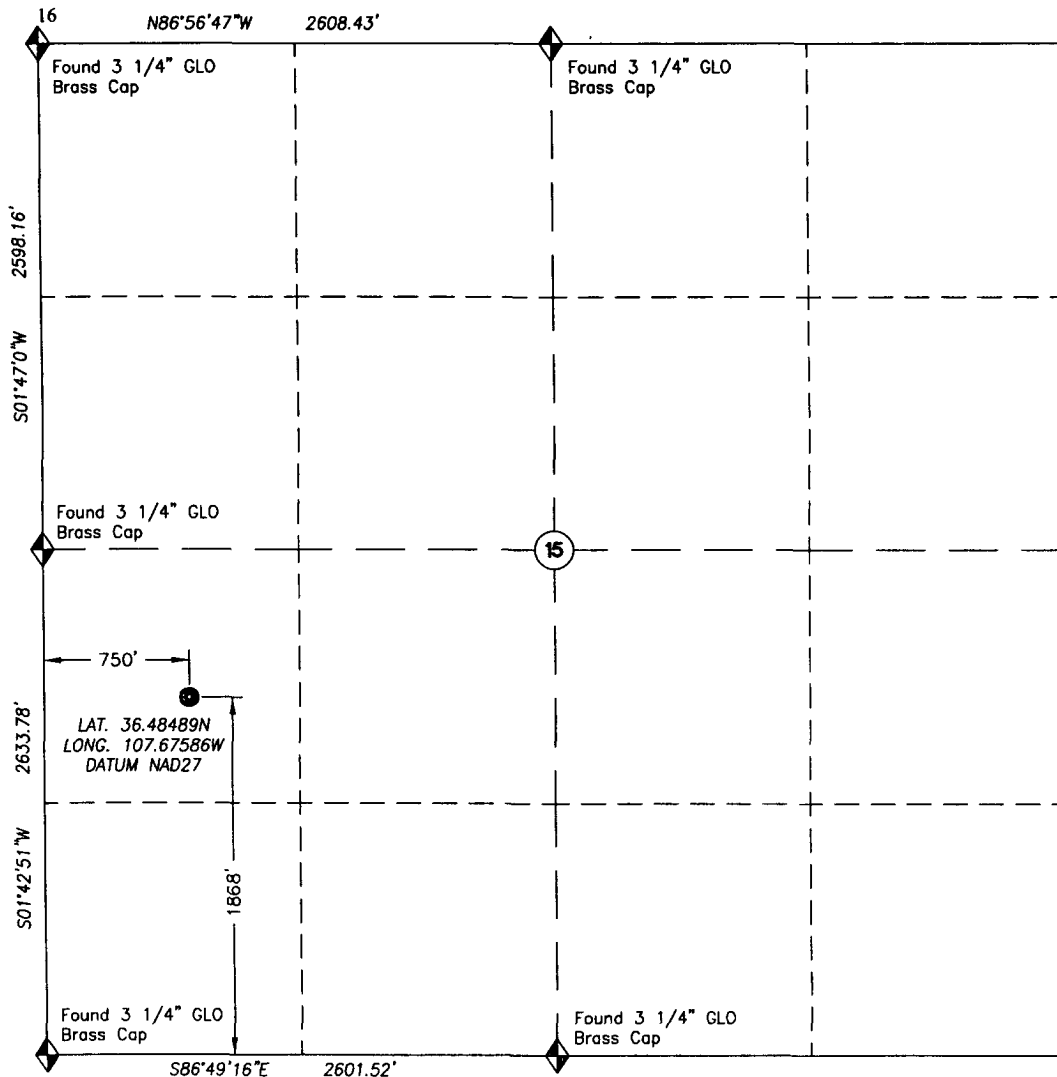
Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-32621		<sup>2</sup> Pool Code 71599		<sup>3</sup> Pool Name Basin Dakota					
<sup>4</sup> Property Code 30015 24028		<sup>5</sup> Property Name CON-HALE FEDERAL 15			<sup>6</sup> Well Number 11				
<sup>7</sup> OGRID No. 173252		<sup>8</sup> Operator Name PATINA OIL & GAS CORPORATION San Juan Inc.			<sup>9</sup> Elevation 6665'				
<sup>10</sup> Surface Location									
UL or lot no. L	Section 15	Township 26N	Range 8W	Lot Idn	Feet from the 1868	North/South line SOUTH	Feet from the 750	East/West line WEST	County SAN JUAN
<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 320 ACRES. W/2 DK			<sup>13</sup> Joint or In fill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jean M. Muse</i></p> <p>Signature</p> <p><i>J Muse</i></p> <p>Printed Name</p> <p><i>Regulatory Compliance</i></p> <p><i>muse@nobleenergyinc.ca</i></p> <p>Title and E-mail Address</p> <p><i>8/7/06</i></p> <p>Date</p>
<p><b>18 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>June 7, 2006</p> <p>Date of Survey</p> <p><b>MARK A. MILLER</b></p> <p><b>NEW MEXICO</b></p> <p><b>15515</b></p> <p><b>LICENSED PROFESSIONAL SURVEYOR</b></p> <p><i>Mark A. Miller</i></p> <p>Mark A. Miller</p> <p>New Mexico Reg. PLS No. 15515</p> <p>For and on behalf of Trigon Epc</p> <p>150 Tech Center Dr., Suite E</p> <p>Durango CO 81301</p> <p>(970) 385-9100</p>

# PAD LAYOUT PLAN & PROFILE

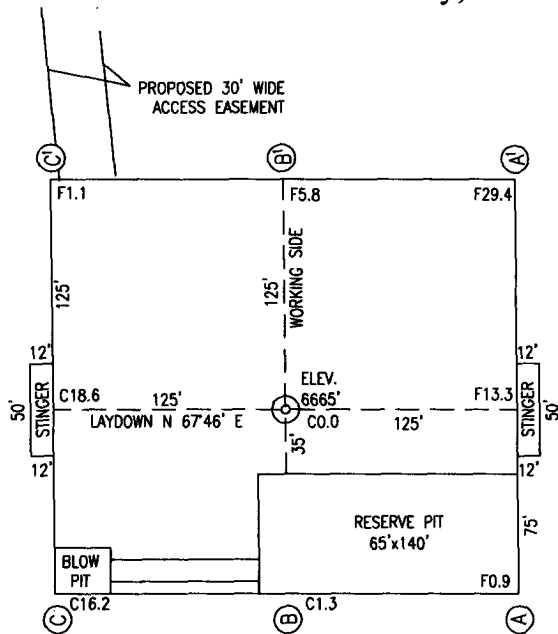
PATINA OIL & GAS CORPORATION

Con-Hale Federal #15-11

1868' F/SL 750' F/WL

Sec. 15, T26N, R8W, N.M.P.M.

San Juan County, New Mexico

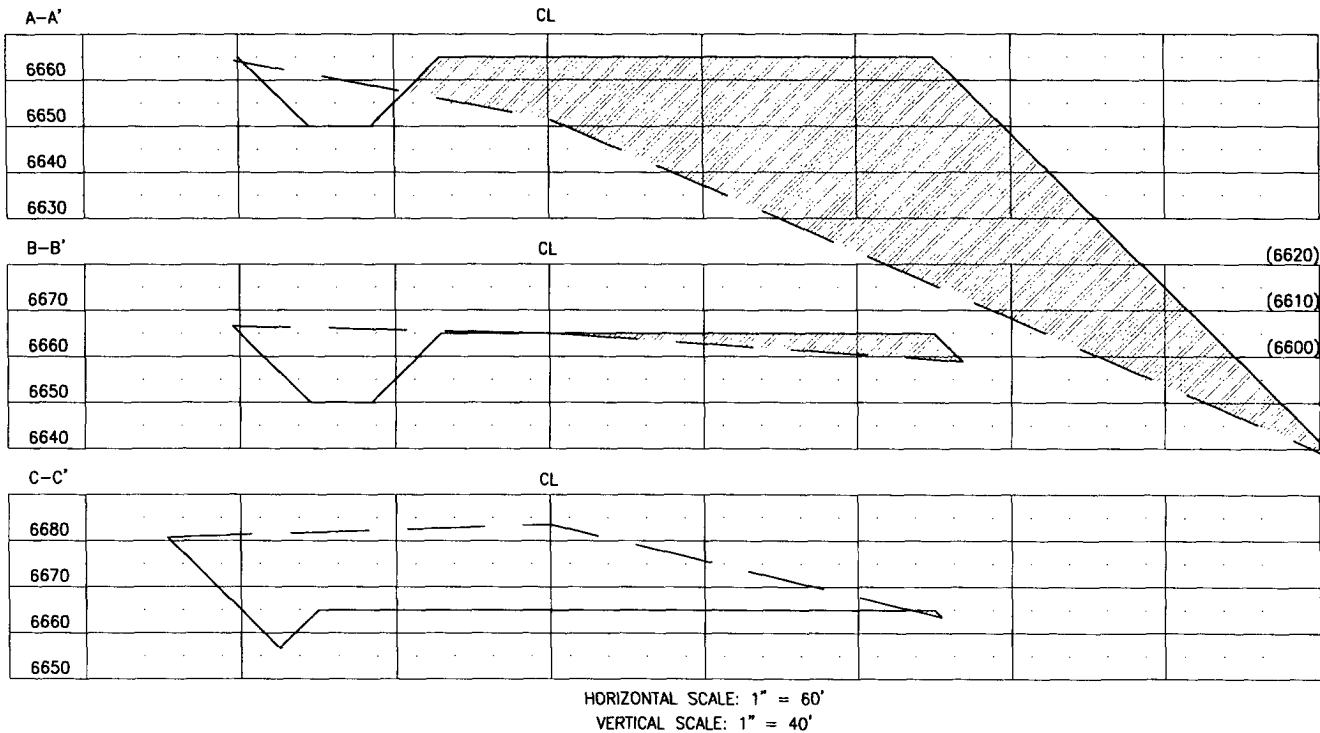


LATITUDE: 36.48489° N  
LONGITUDE: 107.67586° W  
DATUM: NAD1927

PLAT NOTE

\*SURFACE OWNER\*

BUREAU OF LAND  
MANAGEMENT



HORIZONTAL SCALE: 1" = 60'  
VERTICAL SCALE: 1" = 40'

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL ONE-CALL FOR LOCATION OF ALL BURIED FACILITIES ON WELL PAD AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
2. CUTS AND FILLS SHOWN ARE APPROXIMATE - FINAL FINISHED ELEVATION IS TO BE ADJUSTED SO EARTHWORK WILL BALANCE. CORNER STAKES ARE APPROXIMATE AND DO NOT INCLUDE ADDITIONAL AREAS NEEDED FOR SIDESLOPES AND DRAINAGES. FINAL PAD DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR.

DATE SURVEYED: 6/07/06

DRAWN BY: AEM

DATE DRAWN: 09/25/04

REVISION DATE: 8/01/06

FILE NAME: CONHALE15-1102

CLIENT

PATINA OIL & GAS CORPORATION

PREPARED BY

**TRIGON EPC**  
ENGINEERING • PROCUREMENT • CONSTRUCTION

**Con-Hale Federal 15 No. 11**  
**General Drilling Plan**  
**Patina San Juan, Inc.**  
**San Juan County, New Mexico**

**1. LOCATION:**

NWSE of Section 15, T26N, R8W  
San Juan, New Mexico

Field: Basin DK  
Surface: BLM  
Minerals: SF 0078384

**2. SURFACE FORMATION, ESTIMATED TOPS AND WATER, OIL, GAS OR MINERAL BEARING FORMATIONS (TVD):**

Surface formation – Nacimiento

<u><b>Formation</b></u>	<u><b>Estimated Formation Top (Ft)</b></u>
Ojo Alamo	680
Fruitland	2406
Pictured Cliffs**	2828
Cliff House**	4383
Menefee**	4494
Point Lookout**	5132
Gallup	6348
Greenhorn	7092
Graneros	7156
Dakota***	7192
TD	7500

Legend:      \* Freshwater bearing formation  
             \*\* Possible hydrocarbon bearing formation  
             \*\*\* Probable hydrocarbon bearing formation  
             # Possible H2S bearing formation

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected.

### 3. **PRESSURE CONTROL EQUIPMENT:**

BOP equipment will be tested to the lesser of its rated working pressure, 70-percent of the internal yield of the surface casing or 1,000 psi. See attachments for BOP and choke manifold diagrams.

#### **Production Hole BOP Requirements and Test Plan**

11" – 2,000 psi single ram (blind)

11" – 2,000 psi single ram (pipe)

Test as follows:

- |                              |                  |               |
|------------------------------|------------------|---------------|
| a) Pipe rams:                | 1,000 psi (High) | 250 psi (low) |
| b) Choke manifold and lines: | 1,000 psi (High) | 250 psi (low) |

All ram type preventers and related equipment will be hydraulically tested at nipple-up. They will also be retested in either of the following events:

- A pressure seal is broken.
- 30 days have elapsed since the last successful test of the equipment.

Furthermore, BOP's will be checked daily as to mechanical operating condition. All ram type preventers will have hand wheels, which will be operative and accessible at the time the preventers are installed. See attached Exhibit for details on the BOP equipment.

#### **AUXILIARY EQUIPMENT:**

- a) Manually operated kelly cock (upper and lower)
- b) Full opening manually operated safety valves in the full open position, capable of fitting all drill stem connections.

#### 4. CASING DESIGN:

##### Casing Program:

Hole Size	Depth / Formation	Casing Size
12 1/4"	250'	9 5/8"
8 3/4"	4600' +/- / 150' below Menefee top	7"
6 1/4"	7500' / through Dakota	4 1/2"

Hole Size	Casing Type	Top (MD)	Bottom (MD)	Wt. (lb./ft)	Grade	Thread	Condition
9-5/8"	Surface	0'	250'	36.0	K55/J55	STC	New
7"	Intermediate	0'	4600' +/-	23.0	N80, L80, I80	LTC	New
4 1/2"	Production	0	7500'	11.6	N80, L80, I80	LTC	New

Casing Data				Collapse (psi)	Burst (psi)	Min. Tensile (Lbs.)
OD	Wt/Ft	Grade	Thread			
9-5/8"	36.0 lbs.	K55/J55	STC	2,020	3,520	394,000
7"	23.0 lbs.	N80, L80, I80	LTC	3,830	6,340	442,000
4 1/2"	11.6 lbs.	N80, L80, I80	LTC	6,350	7,780	223,000

#### MINIMUM CASING DESIGN FACTORS:

COLLAPSE: 1.125

BURST: 1.00

TENSION: 1.80

Area Fracture Gradient Range: 0.7 – 0.8 psi/foot

Maximum anticipated reservoir pressure: 2,500 psi

Maximum anticipated mud weight: 9.0 ppg

Maximum surface treating pressure: 3,500 - 3,750 psi

## Float Equipment:

**Surface Casing:** Guide shoe on bottom and 3 centralizers on the bottom 3 joints.

**Intermediate Casing:** Float shoe on bottom joint and a float collar one joint up from float shoe. One centralizer 10 ft above float shoe and nine centralizers spaced every joint above the float collar. Stage tool 300' +/- above the Cliffhouse formation at 4000' +/- . One centralizer below stage tool and one centralizer above stage tool.

**Production Casing:** 4 1/2" whirler type cement nosed guide shoe and a float collar on top of bottom joint with centralizers over potential hydrocarbon bearing zones.

## CEMENTING PROGRAMS:

### 9-5/8" Surface casing:

165 sxs Type III cement with 2%  $\text{CaCl}_2$ , 1/4#/sx cellofakes. 100% excess to circulate cement to surface. WOC 12 hrs. Pressure test surface casing to 1000 psi for 30 minutes.

Slurry weight: 15.2 ppg  
Slurry yield: 1.27 ft<sup>3</sup>/sack

Volume basis:	40' of 9-5/8" shoe joint	17 cu ft
	300' of 12-1/4" x 9-5/8" annulus	94 cu ft
	<u>100% excess (annulus)</u>	<u>94 cu ft</u>
	Total	205 cu ft

Note:

1. Design top of cement is the surface.
2. Have available 100 sx Type III cement with 2%  $\text{CaCl}_2$  for top out purposes.

### 7" Intermediate Casing:

1st Stage: 100 sacks of Type III cement

Slurry weight: 14.5 ppg  
Slurry yield: 1.4 ft<sup>3</sup>/sack

2<sup>nd</sup> Stage: (Stage tool at 4000' +/-): 365 sacks of Premium Lite FM

Slurry weight: 12.4 ppg  
Slurry yield: 1.92 ft<sup>3</sup>/sack



Volume Basis:	40' of 7" shoe joint	9 cu ft
	4300' of 7" x 8 3/4" annulus	586 cu ft
	300' of 7" x 9 5/8" hole	50 cu ft
	<u>30% excess (annulus)</u>	<u>176 cu ft</u>
	Total	821 cu ft

Note:

1. Design top of cement is surface.
2. Actual cement volumes to be based on caliper log plus 30%.

#### **4 1/2" Production casing:**

Stage 1: 220 sacks of Premium Lite High Strength FM out guide shoe.

Slurry weight: 12.3 ppg  
Slurry yield: 2.13 ft<sup>3</sup>/sack

Volume basis:	40' of 4 1/2" shoe joint	5 cu ft
	4 1/2 " x 6 1/4" hole	318 cu ft
	4 1/2" x 7" casing	33 cu ft
	<u>30% excess (annulus)</u>	<u>107 cu ft</u>
	Total	463 cu ft

Note:

1. Design top of cement is 4300 +/- ft. or 300 ft. into 7" intermediate casing.
2. Actual cement volumes to be based on caliper log plus 30%.

#### **5. MUD PROGRAM:**

The surface hole will be drilled with spud mud. Gel and polymer sweeps will be used from surface to 300 feet as necessary to keep hole clean.

The intermediate hole will be drilled with water till mud up at about 3100 ft. From 3100' to 4600', intermediate casing depth, will be drilled with LSND mud. Anticipated mud weight ranges from 8.5 – 9.0 ppg. Mud weight will be increased as required to maintain hole stability and control gas influx.

The production hole will be drilled with air or air/mist.

Sufficient mud materials to maintain stable wellbore conditions (for either well control or lost circulation scenarios) will be maintained at the well site.

No chrome-based additives will be used in the mud system.

**6. EVALUATION PROGRAM:**

Mud logger: None Planned.

Testing: No DST is planned

Coring: None Planned

Electric logs:

Intermediate Hole:

1) DIL-GR-SP: TD to base of surface casing.

2) LDT-CNL-GR-CAL-PE: TD to base of surface casing

Production Hole:

1) DIL-GR-SP: TD to base of intermediate casing.

2) LDT-CNL-GR-CAL-PE: TD to base of intermediate casing

**7. ABNORMAL PRESSURE AND TEMPERATURE:**

H <sub>2</sub> S	None
Coal	Fruitland
Minerals	None
Water	None
Static BHT	175° F
Lost Circulation	Possible
Hole Deviation	None
Abnormal Pressures	None
Unusual Drilling Problems	None

**8. ANTICIPATED STARTING DATE: June 1, 2005**

Anticipated duration: 16 days

# Con-Hale Federal 15 No. 11

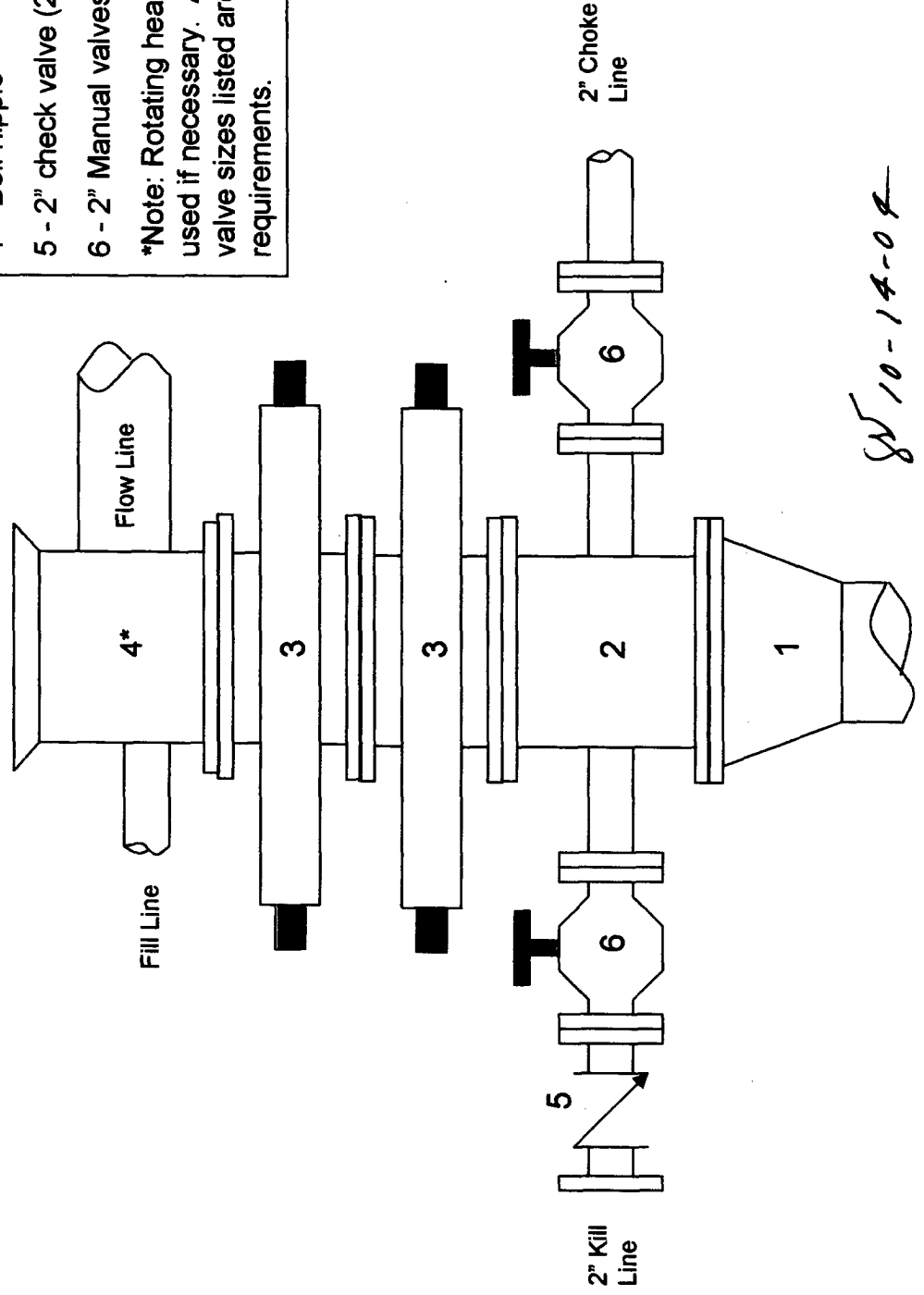
2000 psi BOP stack

Minimum requirements

## Components

- 1 - Wellhead 9-5/8" (2M)
- 2 - Drilling spool 11" (2M)
- 3 - A double or two single rams with blinds on bottom 11" (2M)
- 4 - Bell nipple\*
- 5 - 2" check valve (2M)
- 6 - 2" Manual valves (2M)

\*Note: Rotating head may also be used if necessary. Also, all line and valve sizes listed are minimum requirements.



8/10-14-08

# Con-Hale Federal 15 No. 11

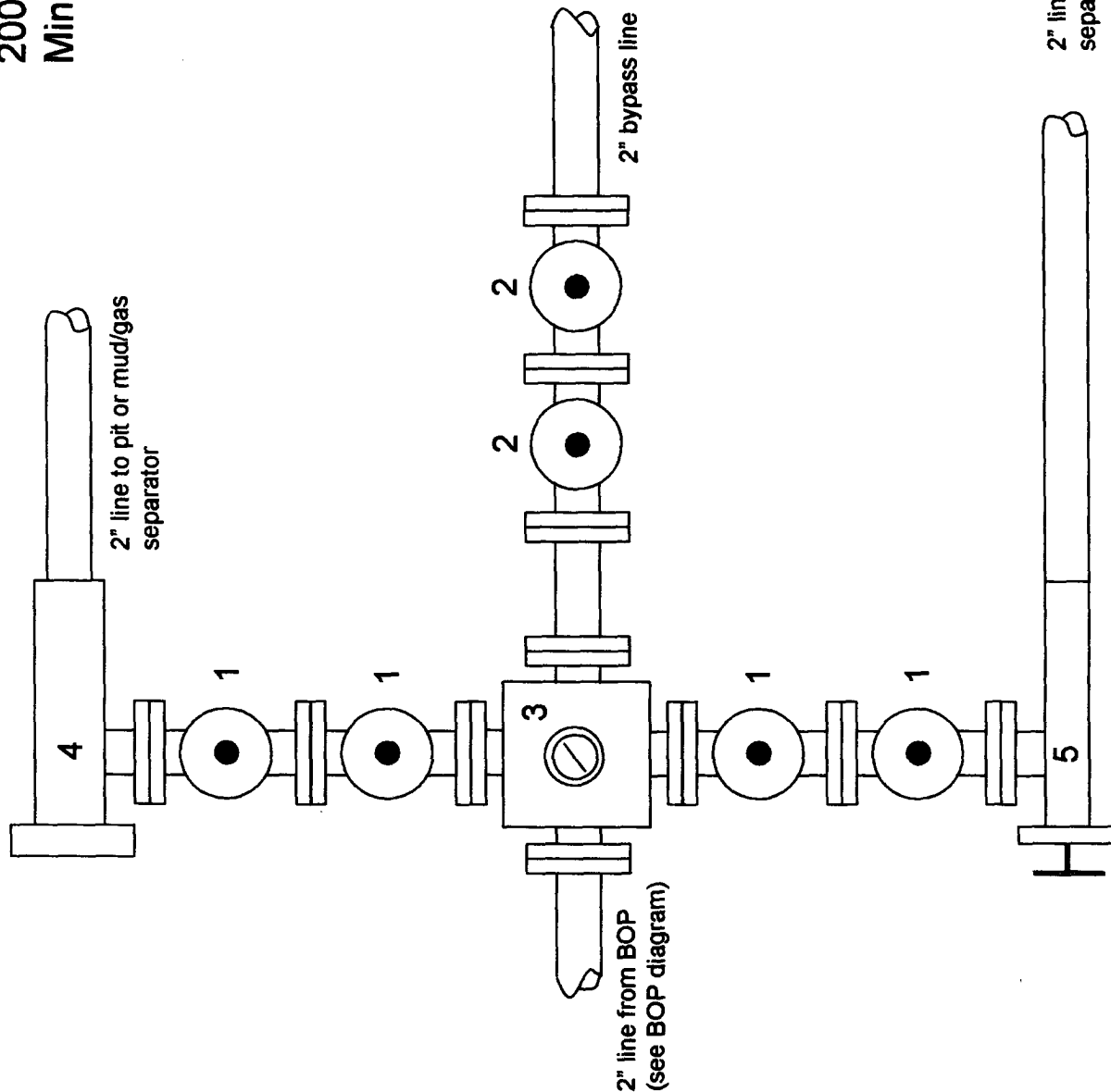
2000 psi Choke Manifold

Minimum requirements

## Components

- 1 - 2" Valve (2M)
- 2 - 2" Valve (2M)
- 3 - Mud cross with gauge (2M) flanged below the gage.
- 4 - Adjustable beam choke (2M)
- 5 - Adjustable needle choke (2M)

Note: All line and valve sizes listed are minimum requirements.



8/10-12-08

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

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

SEP 2006

5. Lease Serial No.  
NMSF078384

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

CON HALE FEDERAL IS #11

9. API Well No.

3004532621

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

SAN JUAN COUNTY, NEW MEXICO

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
PATINA SAN JUAN, INC.

3a. Address  
5802 US HIGHWAY 64 FARMINGTON, NM 87402

3b. Phone No. (include area code)  
505-632-8056

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1868' FSL, 750' FWL  
L Sec 15 - T26N - R8W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>MOVE WELL</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>LOCATION</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**PATINA SAN JUAN REQUESTS THAT THE WELL BORE BE MOVED BECAUSE OF ARCHAEOLOGICAL CONSIDERATIONS**

**FROM: 2258' FSL, 2360' FWL  
K Sec 15 - T26N - R8W  
SAN JUAN COUNTY, NM**

**TO: 1868' FSL, 750' FWL  
L Sec 15 - T26N - R8W  
SAN JUAN COUNTY, NM**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JEAN M. MUSE

Title **REGULATORY COMPLIANCE**

Signature

Date

08/18/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice 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.

Title

AF-4

Date

9/15/06

Office

PFO

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)

NMOC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
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**SUBMIT IN TRIPLICATE - Other Instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**Patina Oil & Gas Corp.**

3a. Address  
**1625 Broadway, Suite 2000, Denver, CO 80202**

3b. Phone No. (include area code)  
**303.228.4223**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2258' FSL, 2360' FWL, NESW, Section 15, T26N - R8W**

5. Lease Serial No.  
**SF - 0078384**

6. If Indian, Allottee, or Tribe Name  
**n/a**

7. If Unit or CA. Agreement Name and/or No.  
**n/a**

8. Well Name and No.  
**Con Hale Federal 15 #11**

9. API Well No.  
**3004532621**

10. Field and Pool, or Exploratory Area  
**Basin Dakota**

11. County or Parish, State  
**San Juan, New Mexico**

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>revised cement volumes,</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	<u>surface casing hole size, and</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	<u>surface casing setting depth</u>

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Noble Energy has revised the surface casing cement volumes, hole size and setting depth for the subject well.  
See Below

**Surface Casing:**

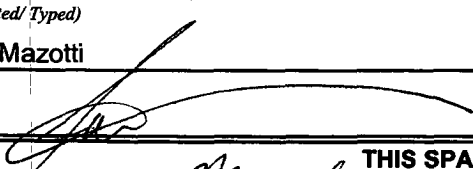
Hole Size: 13 - 1/2"	Setting Depth: 300 feet
Cement: 245 sx Type III	
Volume Basis:	
40' of 9-5/8" shoe joint	17 cu ft
300' of 13-1/2" x 9-5/8" annulus	147 cu ft
100% excess (annulus)	147 cu ft
<b>Total</b>	<b>311 cu ft</b>

Please contact Joe Mazotti at 303.228.4223 is any questions.

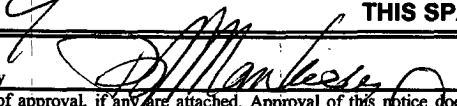
2006 MAY 22 AM 9:47  
RECEIVED  
OFFICE OF THE DIRECTOR  
BUREAU OF LAND MANAGEMENT

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed) **Joe Mazotti** Title **Regulatory Analyst**

Signature  Date **5/15/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by  Title **APM** Date **9/15/06**

Conditions of approval, if any are attached. Approval of this notice 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. Office **FFO**

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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

# PAD LAYOUT PLAN & PROFILE

PATINA OIL & GAS CORPORATION

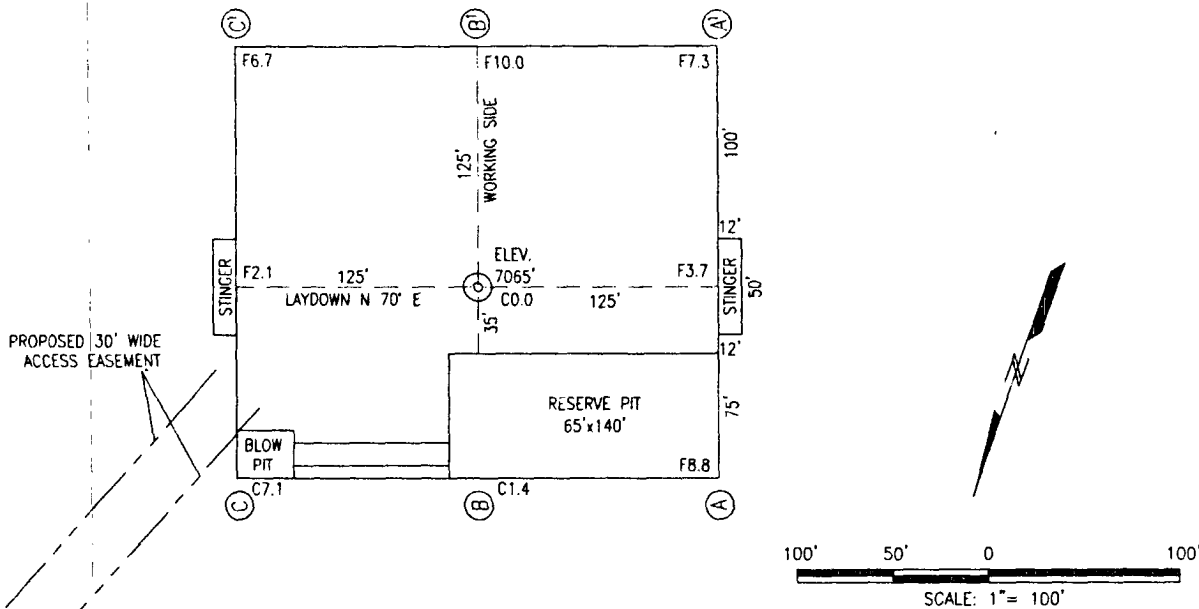
Con-Hale Federal #15-11

2258' F/SL 2360' F/WL

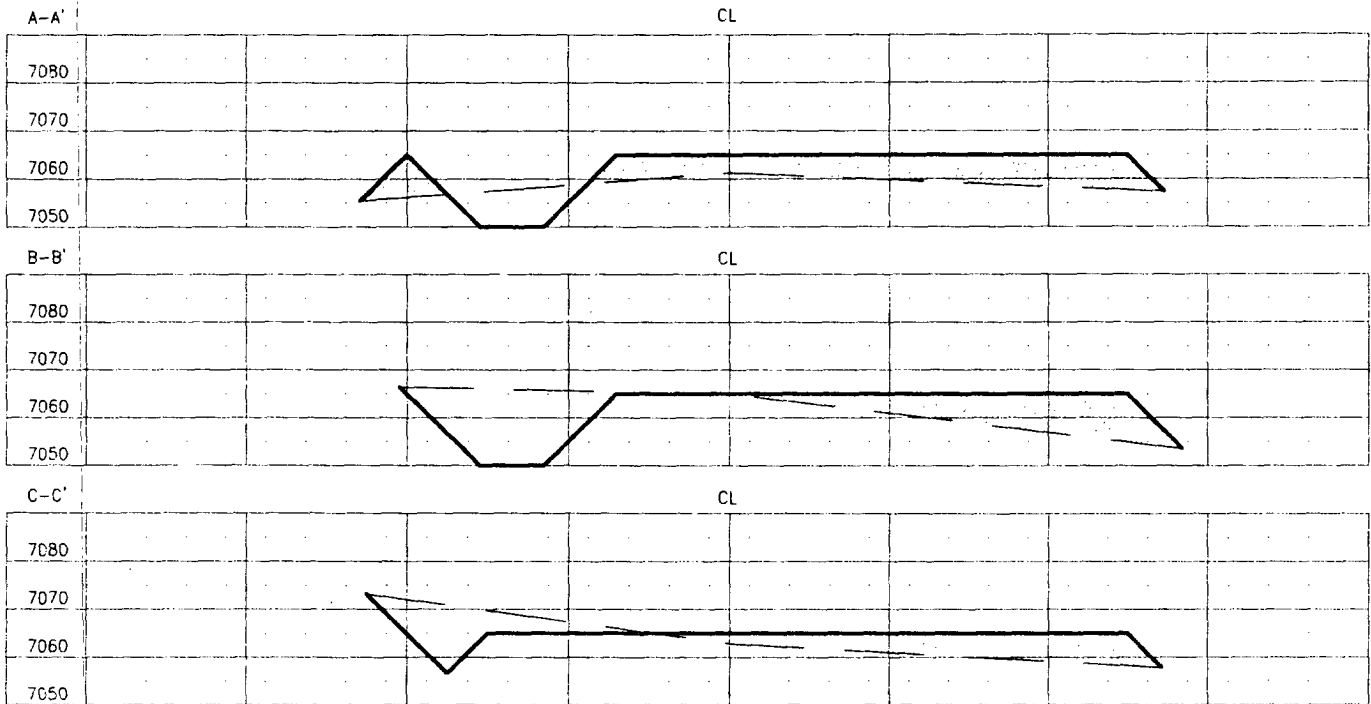
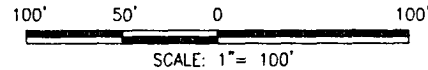
Sec. 15, T26N, R8W, N.M.P.M.

San Juan County, New Mexico

LATITUDE: 36.48584° N  
LONGITUDE: 107.67038° W  
DATUM: NAD1927



**PLAT NOTE**  
\*SURFACE OWNER\*  
BUREAU OF LAND  
MANAGEMENT



HORIZONTAL SCALE: 1" = 60'  
VERTICAL SCALE: 1" = 40'

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL ONE-CALL FOR LOCATION OF ALL BURIED FACILITIES ON WELL PAD AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
2. CUTS AND FILLS SHOWN ARE APPROXIMATE - FINAL FINISHED ELEVATION IS TO BE ADJUSTED SO EARTHWORK WILL BALANCE. CORNER STAKES ARE APPROXIMATE AND DO NOT INCLUDE ADDITIONAL AREAS NEEDED FOR SIDESLOPES AND DRAINAGES. FINAL PAD DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR.

DATE SURVEYED: 09/18/04    DRAWN BY: AEM    DATE DRAWN: 09/25/04    REVISION DATE:    FILE NAME: CONHALE15-1102

CLIENT  
**PATINA OIL & GAS CORPORATION**

PREPARED BY

**TRIGON** **PE**  
ENGINEERING • PROCUREMENT • CONSTRUCTION