

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised June 10, 2003

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950		² OGRID Number 151323
³ Property Code 24592	⁵ Property Name South Four Lakes Unit	⁴ API Number 30 - 025 - 36882
		⁶ Well No. 15

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	2	12S	34E		2,380	North	2,230	East	Lea

⁸ Proposed 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

⁹ Proposed Pool 1 Four Lakes Devonian	¹⁰ Proposed Pool 2 Four Lakes Penn
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¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4,142'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,200	¹⁸ Formation Devonian	¹⁹ Contractor unknown	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/4"	48#	350'	385	Surface
12 1/4"	9 5/8"	36# & 40#	4,200'	1,425	Surface
7 7/8"	5 1/2"	17# P-110	13,200'	1,200	4,000'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

(See Drilling Prognosis Attached)

**Permit Expires 1 Year From Approval
Date Unless Drilling Underway**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>John W. Pride</i> Printed name: John W. Pride Title: President of Pride Oil & Gas Co., Inc., as General Partner of Pride Energy Company E-mail Address: johnp@pride-energy.com Date: September 7, 2004 Phone: 918-524-9200		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: PETROLEUM ENGINEER Approval Date: NOV 09 2004 Expiration Date: NOV 09 2005	
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**Approval is for drilling purposes only.
Cannot produce well until NSL is
approved.**

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

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811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36882	Pool Code 76920	Pool Name Four Lakes Devonian Four Lakes Upper Penn
Property Code 24592	Property Name SOUTH FOUR LAKES UNIT	Well Number 15
OGRID No. 151323	Operator Name PRIDE ENERGY COMPANY	Elevation 4142'

Surface Location

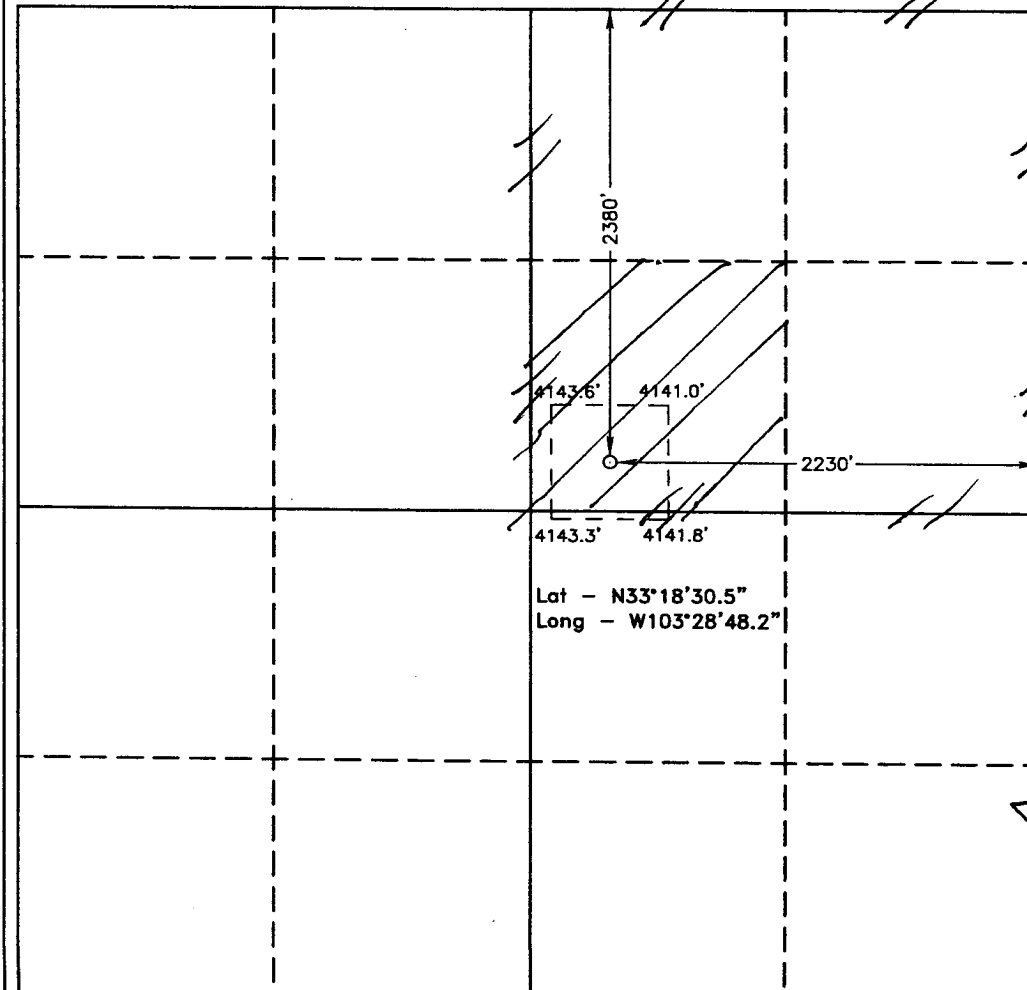
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	2	12 S	34 E		2380	NORTH	2230	EAST	LEA

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 16.24	Joint or Infill	Consolidation Code	Order No.
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PER 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>Lat - N33°18'30.5" Long - W103°28'48.2"</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>Signature <u>John W. Pride</u> Printed Name <u>John W. Pride</u> Title <u>President of Pride Oil & Gas Co., Inc., as General Partner of Pride Energy Company</u> Date <u>9/16/04</u></p> <p>SURVEYOR'S 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>SEPTEMBER 13, 2004</p> <p>Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 4645 Certificate No. Gary Jones 7977 BASIN SURVEYS</p>
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Current Completion

KB: 0.0'

DF: 0.0'

GL: 0.0'

Datum: 0.0' above GL

South Four Lakes Unit #15

Steve Gillett 9/7/04

API # 30-025-00000

2,380' FNL & 2,230' FEL

Sec 2-T12S-R34W

Lea Co, NM

TOC @ surface

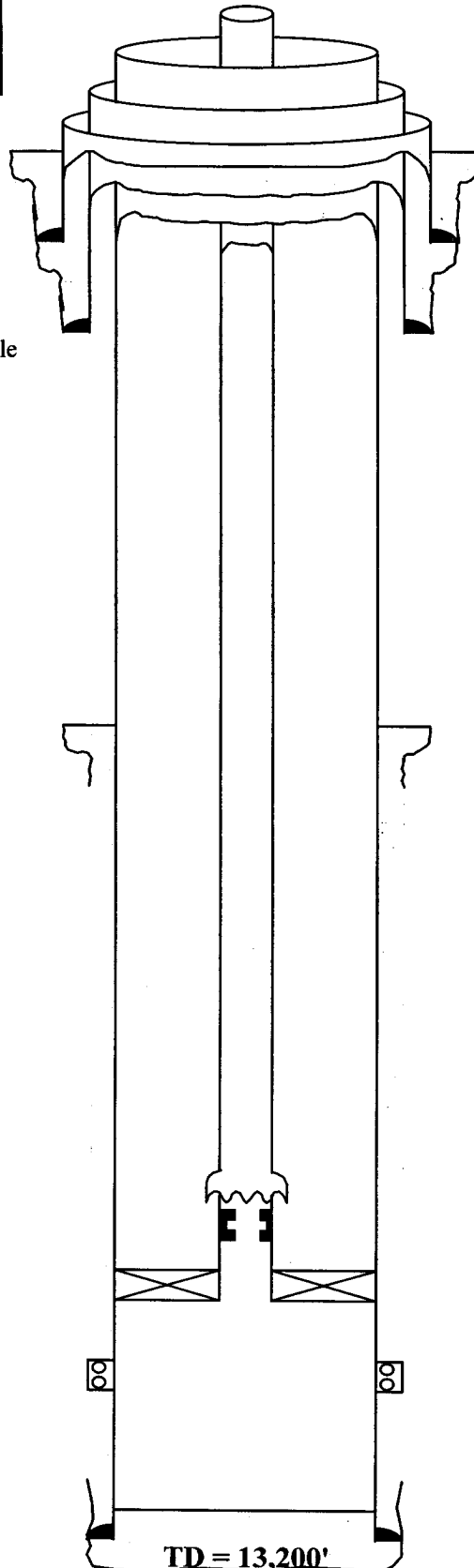
13 $\frac{3}{8}$ " 48# H-40 STC @ 350'

cmt to surface w/ 385 sx in 17 $\frac{1}{2}$ " hole

TOC @ surface

9 $\frac{5}{8}$ " 36# or 40# J-55 STC @ 4,200'

cmt to surface w/ 1,500 sx in 12 $\frac{1}{4}$ " hole



2 $\frac{7}{8}$ " 6.5# N-80 8R EUE tubing

Packer & on/off tool @12,550'±

Devonian

12,600 - 12,900' Gross

PBTD = 13,120'±

5 $\frac{1}{2}$ " 17# P-110 LTC @ 13,200'

cmt in stages w/ 1,200 sx in 7 $\frac{7}{8}$ " hole

TOC @ above 4000'

Pride Energy Company
Procedure
South Four Lakes Unit #15
Section 2-T12S-R34E
2,380' fnl & 2,230' fel
Lea County, NM

Pride Energy Company
POB 701950
2250 East 73rd Street, Suite 550
Tulsa, OK 74170
918 524 9200 office
918 524 9292 fax

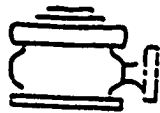
September 3, 2004

Project: Drill well to 13,200' and test Devonian formation.

String	Diameter'	Weight	Depth
Surface Casing	13-3/8"	48 ppf	350'
Intermediate Casing	9-5/8"	36,40 ppf	4,200'
Production Casing	5-1/2"	17 ppf	13,200'

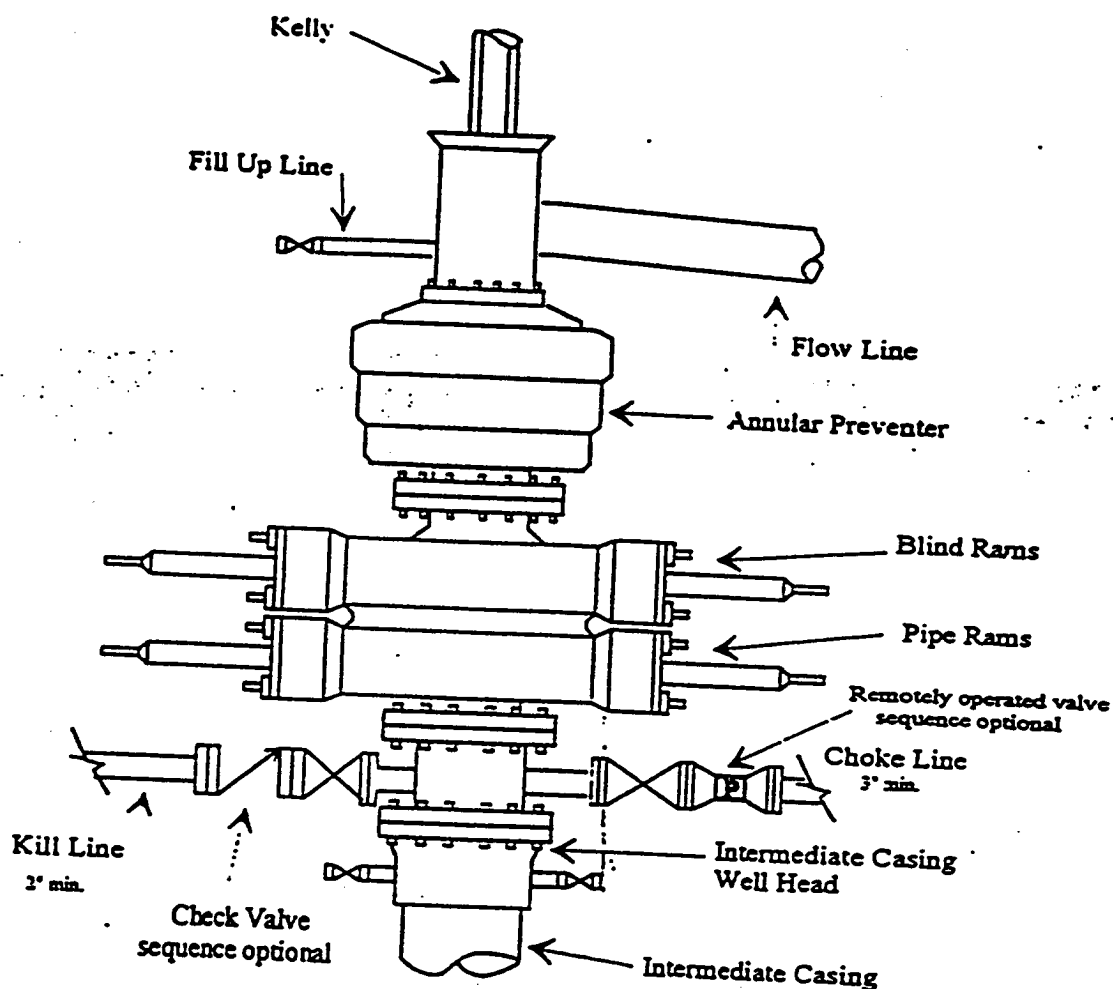
Procedure:

1. Grade & build road and location. Dig and board a cellar around the well. Drill mouse hole & rat hole.
2. Rig-up a rotary drilling rig.
3. Run a 17½" rock bit and drill 350'.
4. Run 13¾" casing to 350' & cement w/ 385 sx cmt.
5. Run a 12¼" rock bit and drill to 4,200'.
6. Run 9⅝" casing to 4,200' and cement in w/ 1,425 sx cmt. Circ cmt to surface.
7. Run an 7⅞" bit and drill to 13,200'.
8. Condition the mud. Run laterolog, gamma-ray, neutron, density and pe logs. Note: pe for a good zone 1.8 to 2.0, <2.5.
9. Run 13,200' of 17ppf, 5½", P-110, 8rd, LT&C casing for casing or tubing treating.
10. Cement to above 4,000', flush with 4% KCl water. Rig-down and clean the location.
11. Run a gr and cement bond log.
12. Rig-up a work-over rig. Run a packer w/ on/off tool and 12,550' of 2⅞" 6.5 ppf, N-80 tubing.
13. Install the tree. Swab the fluid level to 5000'. Perforate at _____ (determine after logging). Attempt to swab dry.
14. Acidize w/ _____ gals 15% HCL.
15. Production Test.

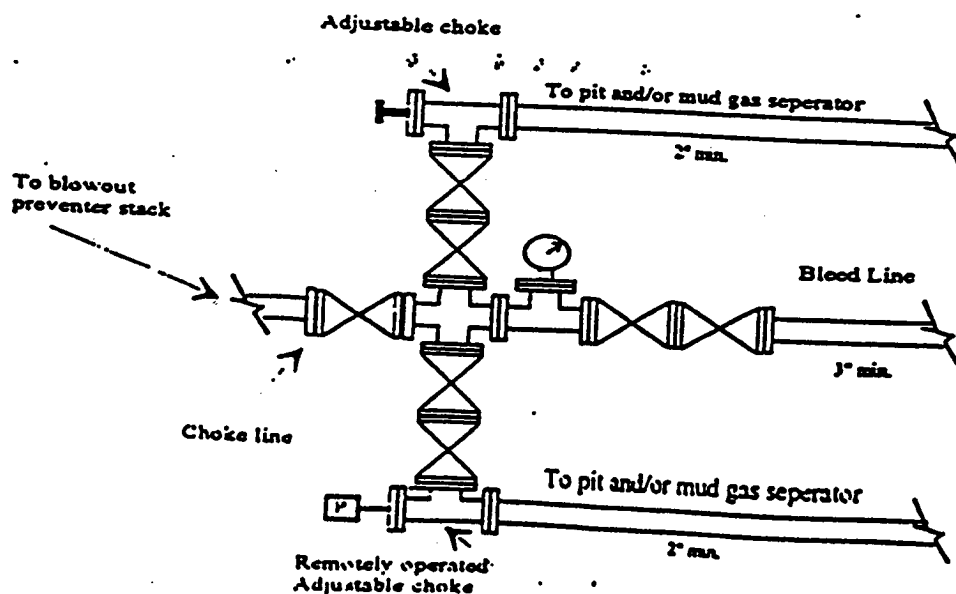


PRIDE ENERGY COMPANY
Typical 5,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack

BOP-4



Typical 5,000 psi choke manifold assembly with at least these minimum features



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State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: **Pride Energy Company** Telephone: **918-524-9200** e-mail address: **johnp@pride-energy.com**

Address: **2250 East 73rd St. Suite 550** **Tulsa, OK 74136**

Facility or well name: **South Four Lakes Unit #15** API #: **30-025-36882** U/L or Qtr/Qtr **G** Sec **2** T **12** R **34**

County: **Lea** Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

Pit	Below-grade tank						
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/>	Volume: _____ bbl Type of fluid: _____						
Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/>	Construction material: _____						
Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/>	Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____						
Pit Volume 200 bbl							
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 40 ft.	<table border="1"><tr><td>Less than 50 feet</td><td>(20 points)</td></tr><tr><td>50 feet or more, but less than 100 feet</td><td>(10 points)</td></tr><tr><td>100 feet or more</td><td>(0 points)</td></tr></table>	Less than 50 feet	(20 points)	50 feet or more, but less than 100 feet	(10 points)	100 feet or more	(0 points)
Less than 50 feet	(20 points)						
50 feet or more, but less than 100 feet	(10 points)						
100 feet or more	(0 points)						
Venthead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(0 points)</td></tr></table>	Yes	(20 points)	No	(0 points)		
Yes	(20 points)						
No	(0 points)						
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points)</td></tr><tr><td>1000 feet or more</td><td>(0 points)</td></tr></table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points)	1000 feet or more	(0 points)
Less than 200 feet	(20 points)						
200 feet or more, but less than 1000 feet	(10 points)						
1000 feet or more	(0 points)						
Ranking Score (Total Points) 20							

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: **9/09/04**

Printed Name/Title **John Pride** **Pres. of Pride Oil & Gas Co., Inc., as Gen. Partner of Pride Energy Company**

Signature _____

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title **PETROLEUM ENGINEER** Signature _____ Date: **9/24/04**