

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		³ API Number 30-025-36528
⁵ Property Name South Four Lakes Unit		⁶ Well No. 13

⁷ Surface Location

UL or lot no. K	Section 1	Township 12S	Range 34E	Lot Idn	Feet from the 1830 1650	North/South line South	Feet from the 660	East/West line West	County Lea
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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 Penn					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 2829
¹⁶ Multiple No	¹⁷ Proposed Depth 11000	¹⁸ Formation Pennsylvanian	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"	36#	306'	300	Surface
12 1/4"	9 5/8"	36# & 40#	4164'	450	Surface
8 1/2"	5 1/2"	17#	0-10641'	300	
8 3/4"	5 1/2"	20#	10641'-11000'	50	

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: John W. Pride 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: December 5, 2003 Phone: 918-524-9200		OIL CONSERVATION DIVISION Approved by: [Signature] Title: PETROLEUM ENGINEER Approval: JAN 08 2004 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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Proposed

KB: 0.0'
DF: 0.0'
GL: 0.0'
Datum: 0.0' above GL

South Four Lakes Unit #13

John Pride
12/5/03

API#: 30-025-
1650' FSL & 660' FWL
Sec 1-T12S-R34E

Lea Co., NM

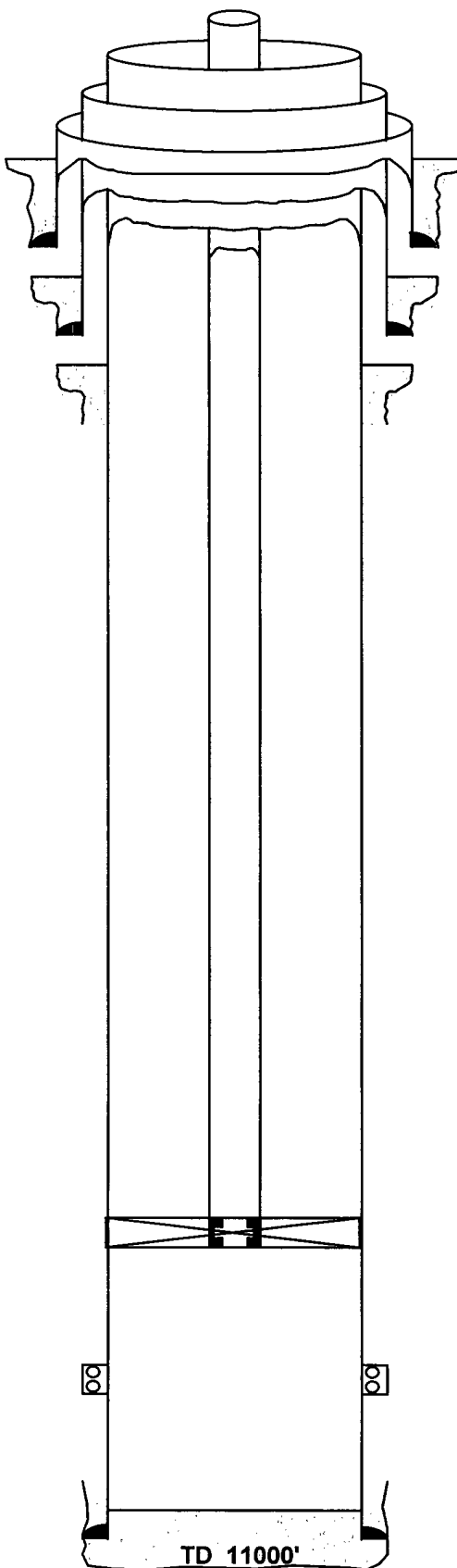
TOC @ surface
13 $\frac{3}{8}$ " 36# 306' w/ 300sx
cmt to surface

TOC @ surface
9 $\frac{5}{8}$ " 36# & 40# 4164'
cmt to surface w/ 450 sx

TOC @
5 $\frac{1}{2}$ " 17# 0-10641' w/ 300 sx
5 $\frac{1}{2}$ " 20#
10641-11000 w/ 50 sx
cmt in stages up to above 4000'

Pennsylvanian
10000-11000' Gross

PBTD = '



2 $\frac{7}{8}$ " EOT 10700'
N-80 6.5#

8 $\frac{3}{4}$ " hole size down to 11000'

Set packer & profile nipple @
10700'

10/31/03
John Pride

Well: South Four Lakes Unit #13 (Proposed)

Location: 1650' fsl & 660' fwl; Sec 1, T12S, R34E
Lea County, NM

Pool: Four Lakes Penn

KB..... API #..... 30-025-
DF..... W.I.
GL..... I.I.

Permanent Datum = Kelly Bushing, ' above GL

Casing:	13 ³ / ₈ " 36# 306' w/ 300sx cmt to surface.....	TOC =
	9 ⁵ / ₈ " 36# & 40# 4164' cmt to surface w/ 450 sx	TOC =
	5 ¹ / ₂ " 17# 0-10641' w/ 300 sx	TOC =
	5 ¹ / ₂ " 20# 10641-11000 w/ 50 sx cmt in stages up to above 4000'	TOC =

TD = 11000'

PBTD = '

Perfs: Pennsylvanian: 10000-11000' Gross

Tubing:

Packer / TAC:

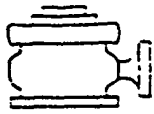
SN:

Logs:

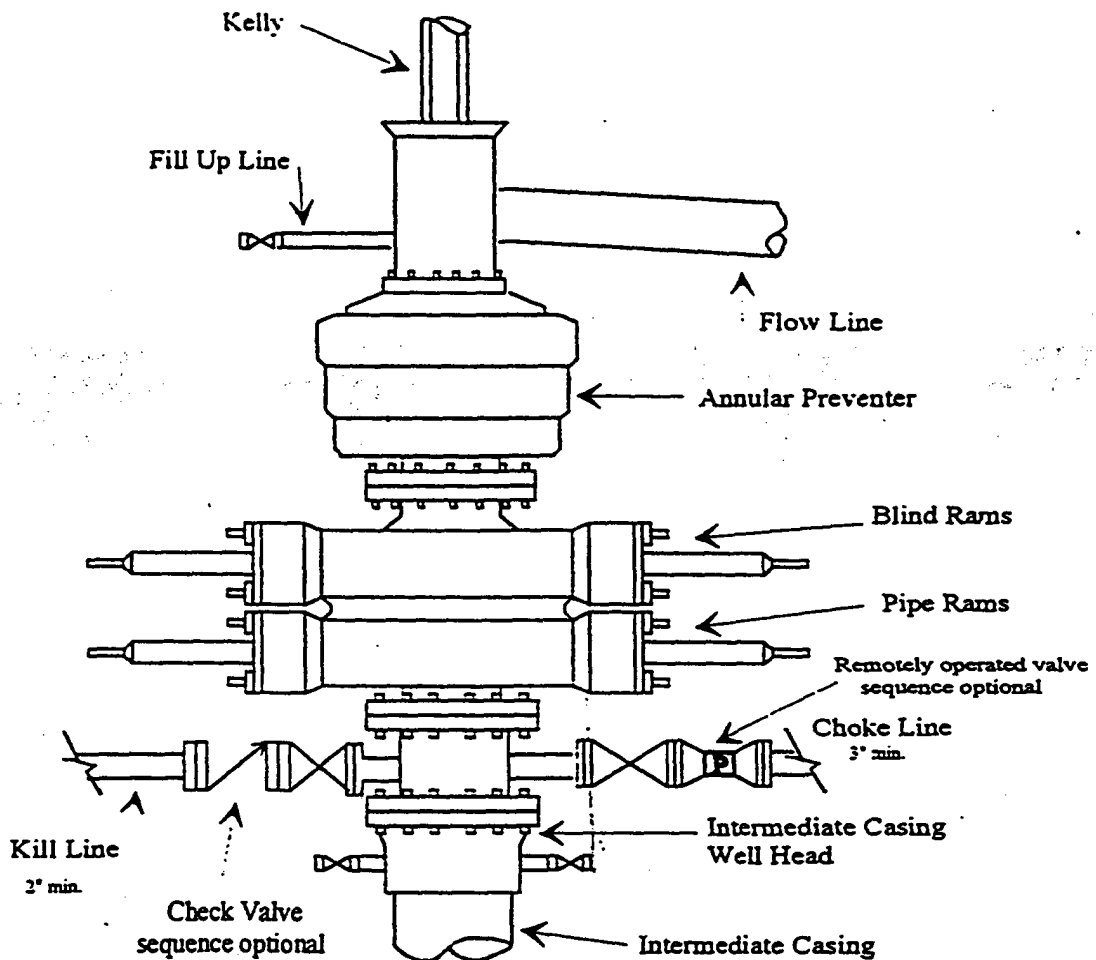
DSTs / Cores:

• WELL HISTORY •

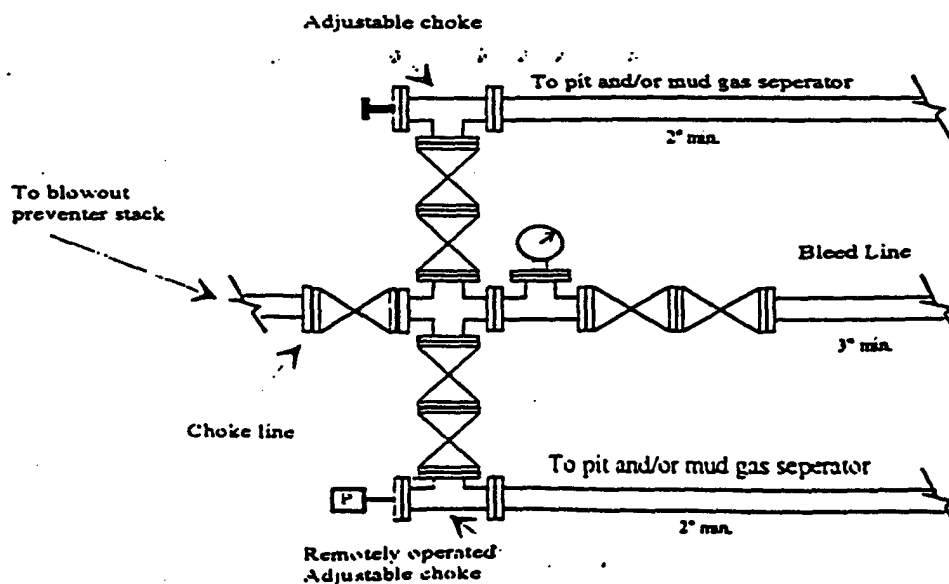
[illegible]



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



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



Pride Energy Company
Procedure
South Four Lakes Unit #13
Section 1-T12S-R34E
1650' fsl & 660' fwl
Lea County, NM

Pride Energy Company
POB 701602
2250 East 73rd Street, Suite 550
Tulsa, OK 74170
918 524 9200 office
918 524 9292 fax

December 5, 2003

Project: Drill well to 11000' and test Pennsylvanian formation.

String	Diameter'	Weight	Depth	Top
Surface Casing	13-3/8"	36 ppf	306'	3'
Intermediate Casing	9-5/8"	36,40 ppf	4164'	3'

Procedure:

1. Grade & build road and location. Dig and board a cellar around the well.
2. Rig-up a rotary drilling rig.
3. Run a 17½" rock bit and drill 310'.
4. Run 13¾" casing to 306' & cement w/ 300 sx cmt.
5. Run a 12¼" rock bit and drill to 4164'.
6. Run 9½" casing to 4164' and cement in w/ 450+ sx cmt. Circ cmt to surface.
7. Run an 8½" bit and drill to 11000'.
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 1000' of 20 ppf and 10000' of 17ppf, 5½", P-110, 8rd, LT&C casing for casing treating. Or for tubing treating:
10. Run 1800' of 20 ppf, N-80, 7770' of 17ppf, N-80 and 1430' of 20 ppf, S-95, 5½", P-110, 8rd, LT&C casing.
11. Cement to above 4164', flush with 4% KCl water. Rig-down and clean the location.
12. Run a gr and cement bond log.
13. Rig-up a work-over rig. Run a seal assembly, profile nipple and 10700' of 2⅝" 6.5 ppf, N-80 tubing.
14. Install the tree. Swab the fluid level to 5000'. Perforate at _____ (determine after logging). Attempt to swab dry.
15. Acidize w/ _____ gals 15% HCL.
16. Flow test. Do not cause the well to stop flowing!

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

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
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 30-025-36528	Pool Code 25460	Pool Name Four Lakes Penn
Property Code 24592	Property Name SOUTH FOUR LAKES UNIT	Well Number 13
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
L	1	12 S	34 E		1830	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 80	Joint or Infill Y	Consolidation Code U	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**

LOT 4 - 40.04 AC.	LOT 3 - 40.02 AC.	LOT 2 - 40.02 AC.	LOT 1 - 40.00 AC.

OPERATOR CERTIFICATION

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

Signature
John W. Pride
Printed Name
President of Pride Oil & Gas Co., Inc., as General Partner of Pride Energy Company
Date December 16, 2003

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, 2003

Date Surveyed
Signature & Seal
Professional Surveyor

W.O. No. 3872
Certificate No. 7977
BASIN SURVEYS