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 | [2] OGRID Number |
|---|---|
| **Pride Energy Company**<br>**PO Box 701950**<br>**Tulsa, OK 74170-1950** | **151323** |
| | [3] API Number<br>30 - 025 - 36909 |

| [3] Property Code | [5] Property Name | [6] Well No. |
|---|---|---|
| **33115** | **New Mexico "36" State** | **2** |

## [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 |
|---|---|---|---|---|---|---|---|---|---|
| **O** | **36** | **19S** | **37E** | **O** | **990** | **S** | **2310** | **E** | **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 | [10] Proposed Pool 2 |
|---|---|
| **Skaggs; Drinkard 57000** | |

| [11] Work Type Code | [12] Well Type Code | [13] Cable/Rotary | [14] Lease Type Code | [15] Ground Level Elevation |
|---|---|---|---|---|
| **New Well** | **O** | **R** | **S** | **3,600** |
| [16] Multiple | [17] Proposed Depth | [18] Formation | [19] Contractor | [20] Spud Date |
| **N** | **7200** | **Drinkard** | **Unknown** | **ASAP** |

## [21] Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|---|---|---|---|---|---|
| **12.25** | **8.625** | **24** | **1550** | **630** | **0** |
| **7.875** | **5.5** | **15.5 & 17** | **7200** | **1300** | **1400** |
| | | | | | |
| | | | | | |
| | | | | | |

[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.

**Cement on production casing to cover Yates formation.**

OCT 2004
RECEIVED
Hobbs
OCD

[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: **Pres. of Pride Oil & Gas Co., Inc., as General Partner of Pride Energy Company**

E-mail Address: **johnp@pride-energy.com**

Date: **October 6, 2004**

Phone: **918-524-9200**

## OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: OCT 13 2004

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval Date Unless Drilling Underway

jp3910.sp

DISTRICT I
1625 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

# OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

| API Number | Pool Code | Pool Name |
|---|---|---|
| 30-025- 36909 | 57000 | Skaggs; Drinkard |

| Property Code | Property Name | Well Number |
|---|---|---|
| 33115 | NEW MEXICO "36" STATE | 2 |

| OGRID No. | Operator Name | Elevation |
|---|---|---|
| 151323 | PRIDE ENERGY COMPANY | 3600' |

### Surface Location

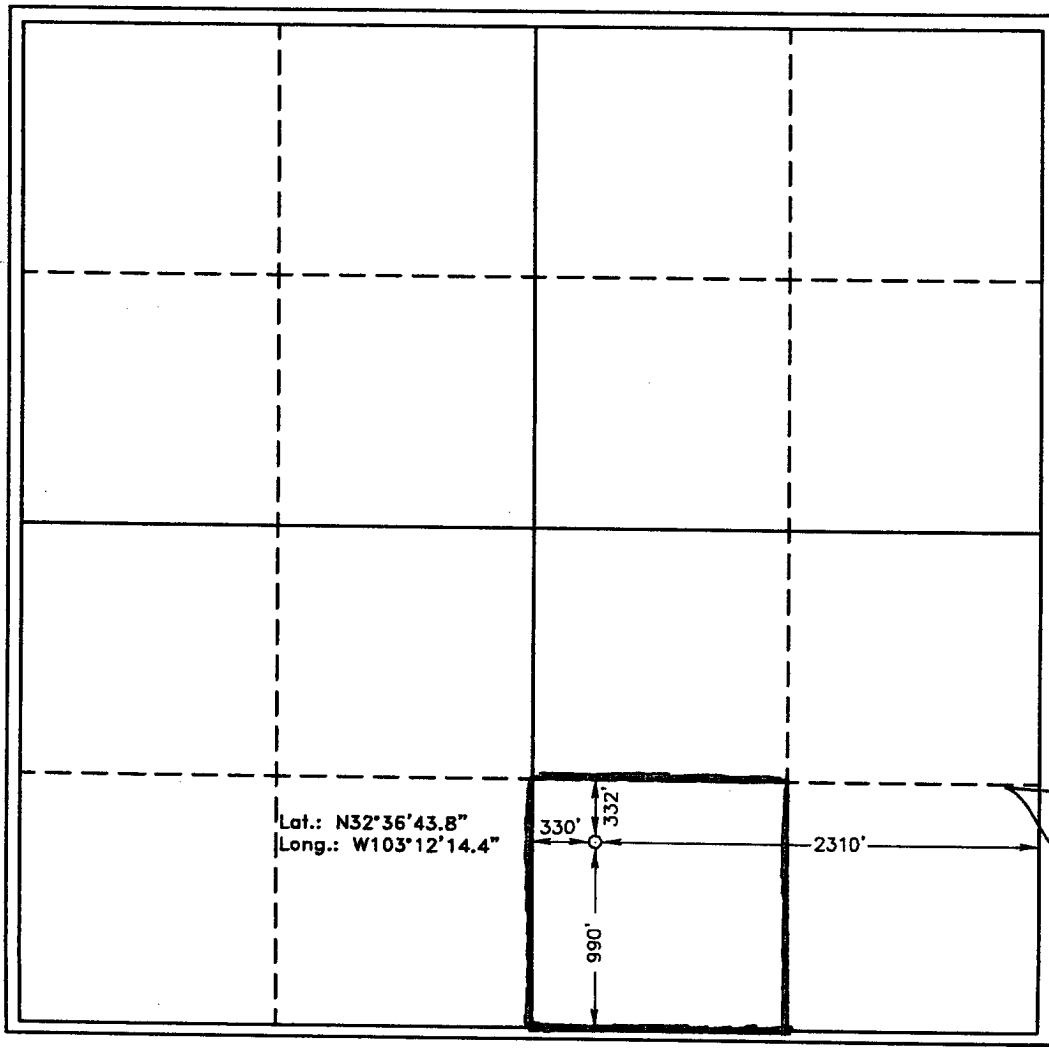
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| O | 36 | 19 S | 37 E | | 990 | SOUTH | 2310 | EAST | LEA |

### 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. |
|---|---|---|---|
| 40 | N | | |

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.*

John W. Pride
Signature

John W. Pride
Printed Name

Pres. of Pride Oil & Gas Co., Inc. as Gen. Partner of Pride Energy Company
Title

October 6, 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 supervison, and that the same is true and correct to the best of my belief.*

October 04, 2004
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

W.O. No. 4700

Certificate No. Gary L. Jones 7977

JLP

BASIN SURVEYS

# Pride Energy Company
# Procedure
# State of New Mexico 36 #2
# Section 36-T19S-R37E
# 990' fsl & 2310' fel
# (990' fsl & 330' fwl of SE ¼)
# 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

September 30, 2004

Project: Wash down well to 7200' and test Drinkard formation.

| String | Diameter' | Weight | Depth | Grade | Threads |
|---|---|---|---|---|---|
| Surface Casing | 8⅝" | 24 ppf | 1,550 | H-40 | STC |
| Prod Casing | 5½" | 15.5 ppf | 0-6000' | J-55 | STC |
| Prod Casing | 5½" | 17 ppf | 6000'-7200' | J-55 | STC |

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 12.25" rock bit and drill 1,550'.
4. Run 8.625" casing to 1,550' & cement w/ 630 sx cmt to surface.
5. Run a 7.875" rock bit and drill to 7200'.
6. Condition the mud. Run laterolog, gamma-ray, neutron, density and pe logs. Note: pe for a good zone 2.5-3.5.
7. Run 5.50" casing to 7200' and cement in w/ 1300 sx cmt. Circ cmt to above 1400' (use DV Tool). DV Tool @ 4,400'±, sx from bottom _____, sx from DV Tool _____.
8. Flush with 2% KC1 water. Rig-down and clean the location.
9. Run a gr and cement bond log.
10. TIH w/ 4¾ bit, drill DV Tool & clean out to FC
11. Clean & load w/ 2% KCL water. Spot 7½% NEFE HCL acid across perf interval. POOH.
12. Perf w/ 4" HSC, 4 spf, 120° .4" or larger holes, 20" or greater penetration.
13. Run Baker Hornet Packer & on/off Tool on 2⅞" 6.5# J-55 8rd EUE tbg. Set packer 100'± above top perf.
14. Swab test. Acidize if required.
15. If flowing, put on production
16. If not flowing, pull tb'g & packer, run in with S/N, tb'g. anchor & tb'g., downhole pump & rods, set pmp'g. unit, begin prod'g.

**Proposed**

KB: 0.0'
DF: 0.0'
GL: 3600.0'
- Datum: 3600.0' above GL

# State of New Mexico 36 #2

John Pride 9/30/04

API # 30-025-00000
990' FSL & 2310' FEL
(=990' fsl & 330' fwl of SE¼)
Sec 36 - 19S - 37E
Lea Co., NM

Amer 320-305-100 w/ 60 hp motor

Conductor pipe grouted to surface
12¼" hole
8⅝" TOC @ surface
8⅝" 24# H-40 STC @ 1547'
w/ 630 sx in 12¼" hole

5½" 15.5# 0-6000' J-55 STC
5½" 17# 6000-7200' J-55 STC
5½" TOC @ 1400'± by CBL

87 API "D" rod taper
w/ 1.25" insert pump

DV tool @ 4400'±

2⅞" 6.5# J-55 8r EUE tubing

TAC @ 6700' +/-
SN @ 7054'
TS @ 7090'

Drinkard perfs

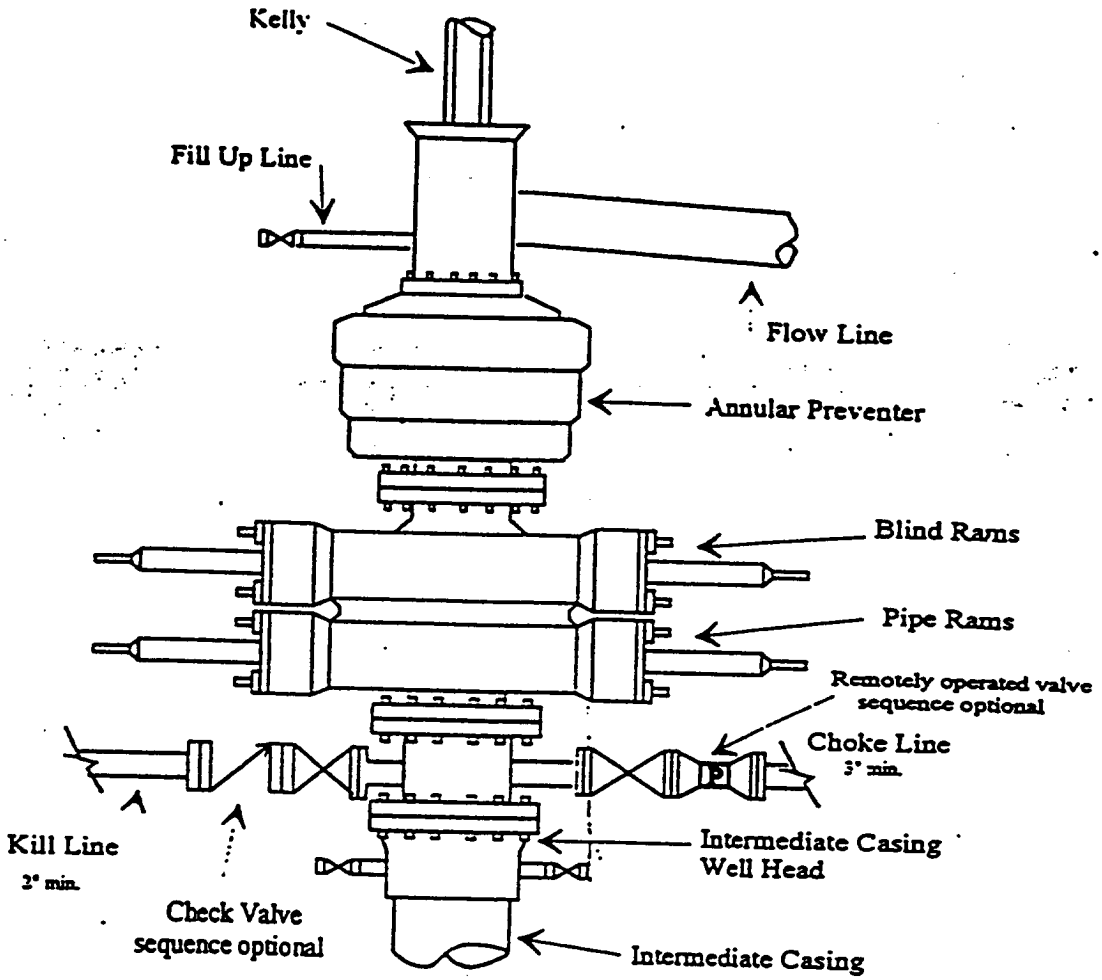
PBTD = 7150'±
5½" K-55 ST&C @ 7200' w/ 1300 sx
in 7⅞" hole

TD 7200'

Casing Detail:
15.5# surf - 6000'
17# 6000' - 7200'

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 minimun features