

## 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 ResourcesOil 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

<sup>1</sup> Operator Name and Address <b>Pride Energy Company PO Box 701950 Tulsa, OK 74170-1950</b>		<sup>2</sup> OGRID Number <b>151323</b>
<sup>3</sup> Property Code <b>32824 34327</b>		<sup>5</sup> Property Name <b>Shelley 36 State</b>
		<sup>6</sup> Well No. <b>6</b>
<sup>4</sup> API Number <b>30 - 025 - 36464</b>		

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	19S	37E	N	660	S	1,980	W	Lea

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1

Skaggs; Drinkard 57000

<sup>10</sup> Proposed Pool 2

<sup>11</sup> Work Type Code <b>E</b>	<sup>12</sup> Well Type Code <b>O</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>3600</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>7225</b>	<sup>18</sup> Formation <b>Drinkard</b>	<sup>19</sup> Contractor <b>Unknown</b>	<sup>20</sup> Spud Date <b>ASAP</b>

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25	8.625	24	1515 (in place)	670	Surf. (circ. 124 to pit)
7.875	5.5	15.5 & 17	7225	1300	1300

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Re-Entry

<sup>22</sup> 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.

<sup>23</sup> 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:

September 30, 2004

Phone:

918-524-9200

## OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: PETROLEUM ENGINEER

Expiration Date:

OCT 12 2004

Conditions of Approval:

Attached ☐

Pride Energy Company  
Procedure  
Shelley 36 State #6  
Section 36-T19S-R37E  
660' fsl & 1,980' fwl  
Lea County, NM

Pride Energy Company  
POB 701602  
2250 East 73<sup>rd</sup> 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	8½"	24 ppf	1,515' (in place)		
Prod Casing	5½"	15.5 ppf	0-6000'	J-55	STC
Prod Casing	5½"	17 ppf	6000'-7225'	J-55	STC

Procedure:

1. Locate Dry hole marker, cut off & remove
2. Grade & build road and location. Dig and board a cellar around the well.
3. Rig-up a rotary drilling rig & wash down to TD, drilling out the cement plugs with a 7.875" bit:
  - (1) Surface to 65';
  - (2) 300' to 400';
  - (3) 1,465' to 1,565';
  - (4) 2,700' to 2,800';
  - (5) 5,324' to 5,424';
  - (6) 7,119' to 7,219'
4. Condition the mud.
5. Run 5.50" casing to 7225' 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 \_\_\_\_\_.
6. Flush with 2% KCl water. Rig-down and clean the location.
7. Run a gr and cement bond log.
8. TIH w/ 4¼ bit, drill DV Tool & clean out to FC
9. Clean & load w/ 2% KCL water. Spot 7½% NEFE HCL acid across perf interval. POOH.
10. Perf w/ 4" HSC, 4 spf, 120" .4" or larger holes, 20" or greater penetration.
11. Run Baker Hornet Packer & on/off Tool on 2¼" 6.5# J-55 8rd EUE tbq. Set packer 100'± above top perf.
12. Swab test. Acidize if required.
13. If flowing, put on production
14. If not flowing, pull tb'g & packer, run in with S/N, tb'g. anchor & 2 ⅞" tb'g., run in downhole pump & rods, set pmp'g. unit, begin pmp'g.

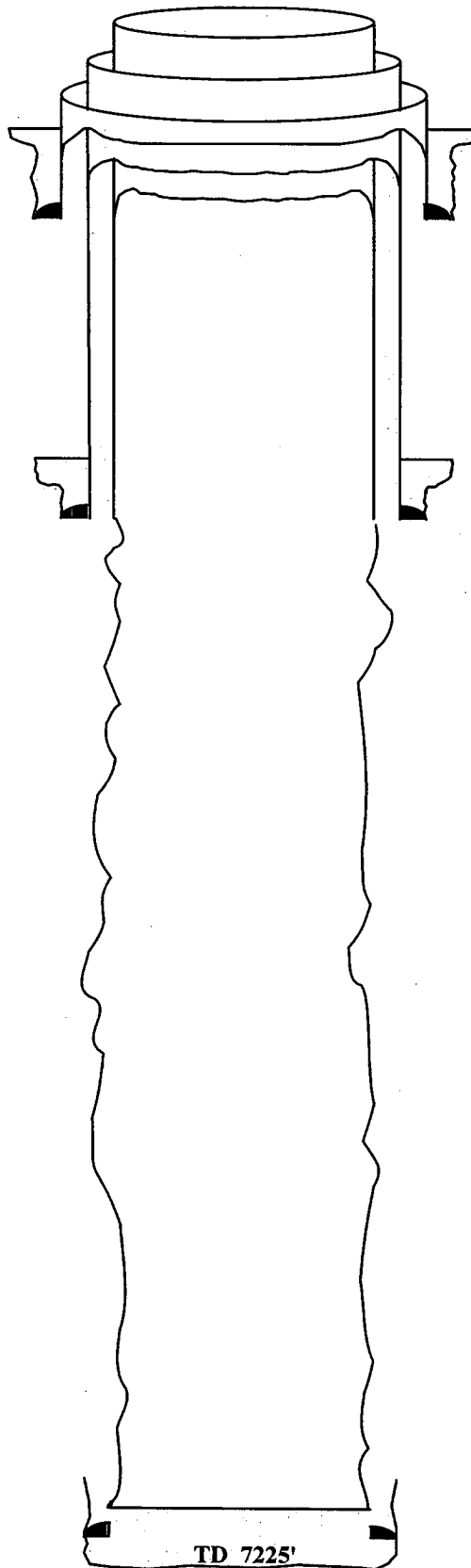
**Current**

KB: 3610.0'  
DF: 3609.0'  
GL: 3600.0'  
Datum: 10.0' above GL

**Shelley 36 State #6**

John Pride 9/30/04  
API # 30-325-36464  
660' FSL & 1,980' FWL  
Sec 36-19S-37E  
Lea Co., NM

Conductor pipe grouted to surface  
12¼" hole  
8⅝" TOC @ surface  
8⅝" 24# @ 1515'  
w/ 670 sx in 12¼" hole



### Proposed

KB: 3610.0'  
DF: 3609.0'  
GL: 3600.0'  
Datum: 10.0' above GL

### Shelley 36 State #6

John Pride 9/30/04

API # 30-325-36464  
660' FSL & 1,980' FWL  
Sec 36-19S-37E  
Lea Co., NM

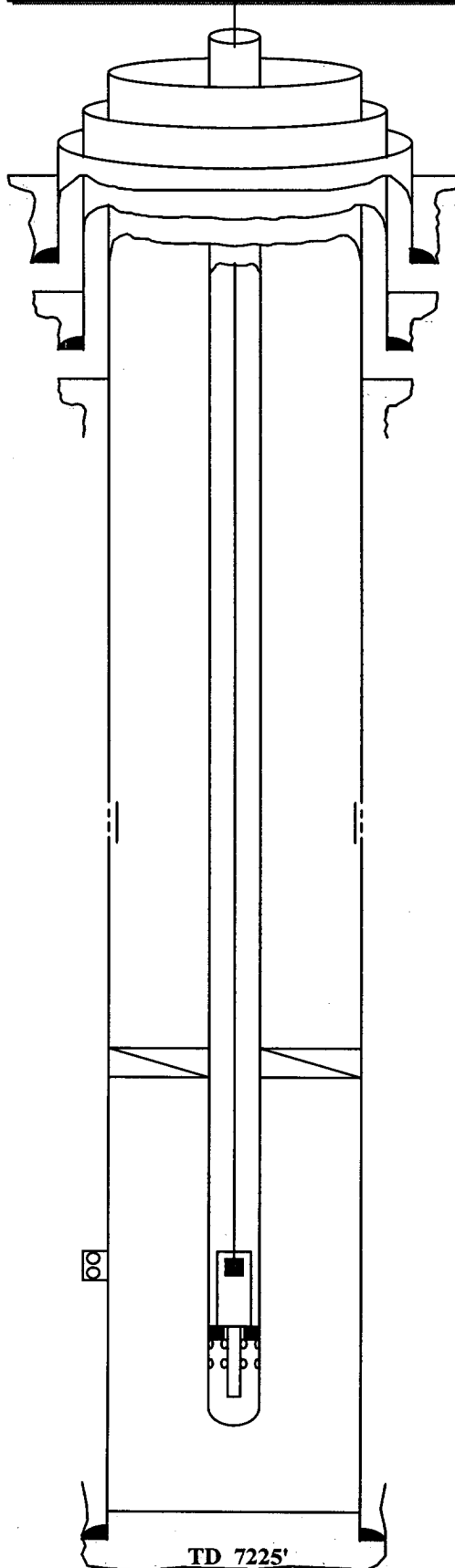
Conductor pipe grouted to surface  
12¼" hole  
8⅝" TOC @ surface  
8⅝" 24# @ 1515'  
w/ 670 sx in 12¼" hole

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

DV tool @ 4400±'

Drinkard perfs:

PBTD = 7175' ±  
5½" K-55 ST&C @ 7225' w/ 1300 sx  
in 7⅝" hole



Amer 320-305-100 w/ 60 hp motor

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

27/8" 6.5# J-55 8r EUE tubing

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

Casing Detail:  
15.5# surf - 6000'  
17# 6000' - 7225'

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
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Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-36464	<sup>2</sup> Pool Code 32824	<sup>3</sup> Pool Name Skaggs; Drinkard
<sup>4</sup> Property Code <del>57000</del> 34227	<sup>5</sup> Property Name Shelley 36 State	<sup>6</sup> Well Number 6
<sup>7</sup> OGRID No. 151323	<sup>8</sup> Operator Name Pride Energy Company	<sup>9</sup> Elevation 3600

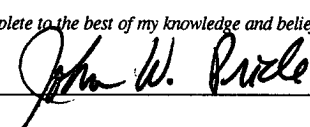
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	19S	37E	N	660	S	1980	W	Lea

<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 40	<sup>13</sup> Joint or Infill	<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

<sup>16</sup>				<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature John W. Pride Printed Name Pres. of Pride Oil & Gas Co., Inc. as Gen. Partner of Pride Energy Company Title and E-mail Address Johnp@pride-energy.com Date 9/30/04
				<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: (See survey dated 10/22/03, when wellbore originally drilled) (see attached) Certificate Number

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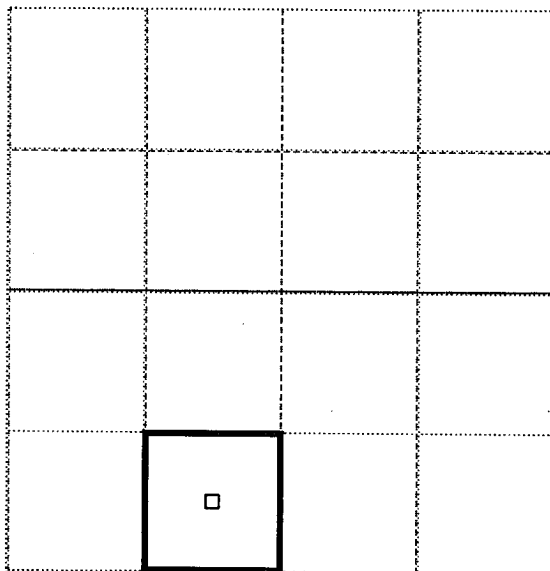
Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-36464	Pool Name SKAGGS;DRINKARD	Pool Code 57000
Property Code 32824	Property Name Shelley 36 State	Well No. 006
OGRID No. 23230	Operator Name TOM BROWN INC	Elevation 3600

**Surface And Bottom Hole Location**

UL or Lot N	Section 36	Township 19S	Range 37E	Lot Idn N	Feet From 660	N/S Line S	Feet From 1980	E/W Line W	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

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

Electronically Signed By: Brian Franks

Title:

Date: 10/28/2003

**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.*

Surveyed By: V. L. Bezner

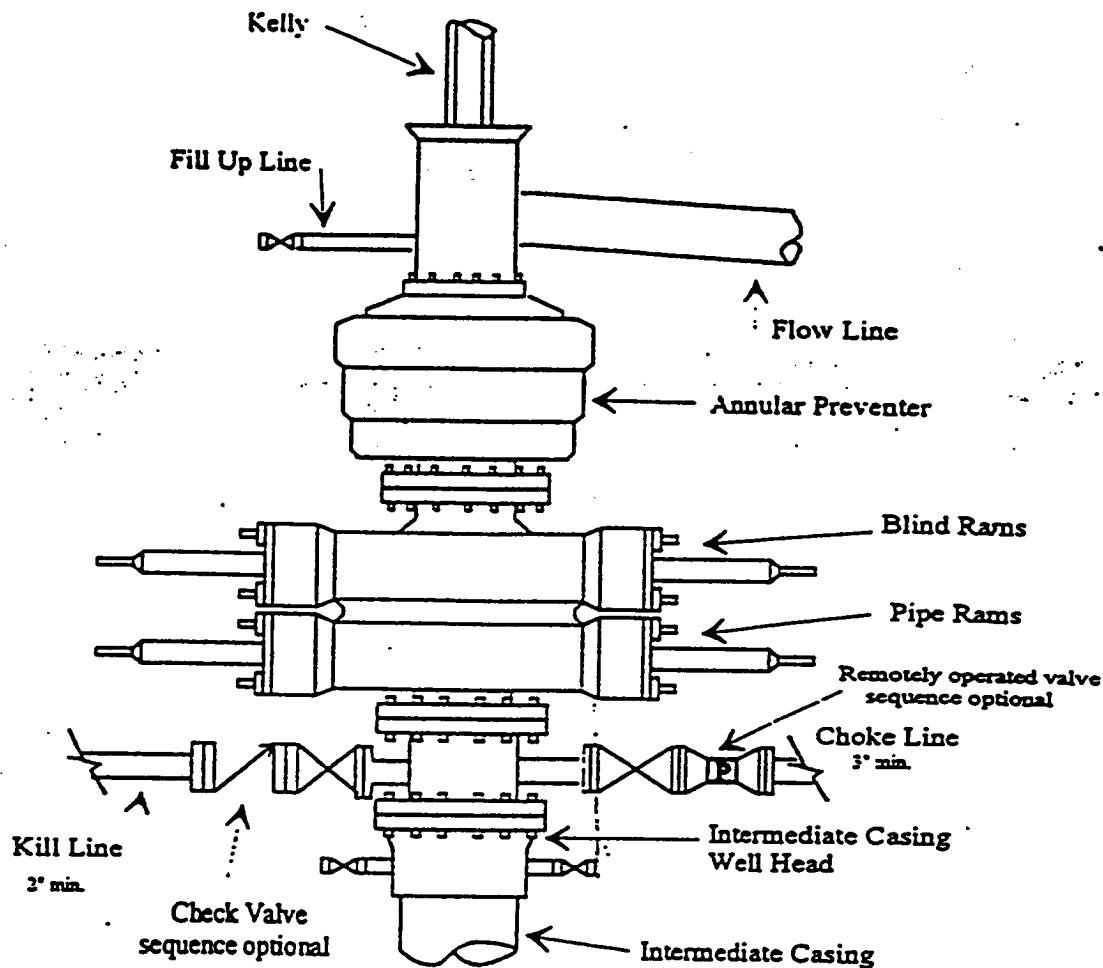
Date of Survey: 10/22/2003

Certificate Number: 7920

(Original survey)



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

