

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

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Pride Energy Company P.O. Box 701950, Tulsa, OK 74170-1950		² OGRID Number 151323
³ Property Code 34891	⁴ Property Name State West Lovington "19" State	⁵ API Number 37327 ⁶ Well No. 2
⁹ Proposed Pool Upper West Lovington Penn		¹⁰ Proposed Pool 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
H	19	16S	36E		1,650	North	990'	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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3,946'
¹⁶ Multiple No	¹⁷ Proposed Depth 11,700	¹⁸ Formation Strawn	¹⁹ Contractor Unknown	²⁰ Spud Date ASAP
Depth to Groundwater 80'		Distance from nearest fresh water well 1800'		Distance from nearest surface water > 1 mile
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 10,000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

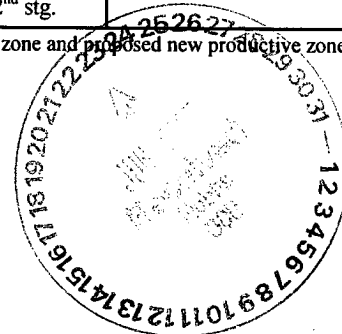
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48# or 54.5#	400'	500 sx	Surface
11"	8 5/8"	28# & 32#	4,150'	1850 sx	surface
7 7/8"	5 1/2"	17# & 20#	11,700	675 sx 1 st stg.	4,000'
				1100 sx 2 nd stg.	

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.

Pride Energy Company proposes to drill to 11,700' T.D. in the Strawn

The BOP stack will consist of 13-5/8" x 5000# Shaffer Double Preventer with 13-5/8" x 5000# Hydrill Annular or equivalent.

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. I further certify that the drilling pit will be constructed according to NMOC guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: John W. Pride		Approved by:	
Title: Pres. of Pride Oil & Gas Co., Inc., as General Partner of Pride Energy Company		Title: PETROLEUM ENGINEER	
E-mail Address: johnp@pride-energy.com		Approval Date: JUN 27 2005	
Date: 5/13/05		Expiration Date:	
Phone: 918-524-9200		Conditions of Approval Attached <input type="checkbox"/>	

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- 37307	Pool Code 40750	Pool Name West Lovington Penn ^{Upper}
Property Code 34891	Property Name STATE WEST LOVINGTON "19" State	Well Number 2
OGRID No. 151323	Operator Name PRIDE ENERGY COMPANY	Elevation 3946'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	16 S	36 E		1650	NORTH	990	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 40	Joint or Infill	Consolidation Code	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

	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 Pres. of Pride Oil & Gas Co., Inc., as General Partne Title of Pride Energy Company Date May 26, 2005
	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. MAY 18, 2005 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIC SURVEYS

Proposed Completion

KB: 0.0'
DF: 0.0'
GL: 3946.0'
Datum: 0.0' above GL

St. West Lovington "19" #2

Steve Gillett 4/19/05

API # 30-025-00000

2310' FSL & 330' FEL

Sec 19-T16S-R36E

Lea Co, NM

13³/₈" TOC @ surface

13³/₈" 48# H-40 STC @ 400'
w/ 500 sx in 17¹/₂" hole

8⁵/₈" TOC @ surface

8⁵/₈" 24# & 32# H-55 STC @ 4,150'
w/ 1850 sx in 11" hole

TOC @ 4000' calc

8⁵/₈" casing detail:

24# surf - 2400'

32# lg drift 2400' - 4200'

5¹/₂" DV tool @ 9000' w/ 1100 sx

Strawn perfs: TBD

PBTD = '

5¹/₂" 17# & 20# N-80 LTC @ 11,700'
w 675 sx in 7⁷/₈" hole

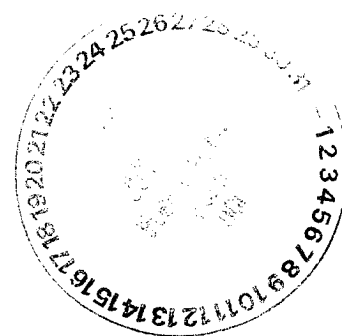
TD = 11,700'

5¹/₂" casing detail:

20# surf - 1600'

17# 1600' - 10,000'

20# 10,000' - 11,700'



Pride Energy Company
Procedure
State West Lovington "19" #2 *State*
Section 19-T16S-R36E
1,650' fnl & 990' 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

May 16, 2005

Project: Drill well to 11,700' and test Strawn formation.

String	Diameter'	Weight	Depth
Surface Casing	13-3/8"	48 ppf	400'
Intermediate Casing	8-5/8"	28, 32 ppf	4,150'
Production Casing	5-1/2"	17, 20 ppf	11,700'

Procedure:

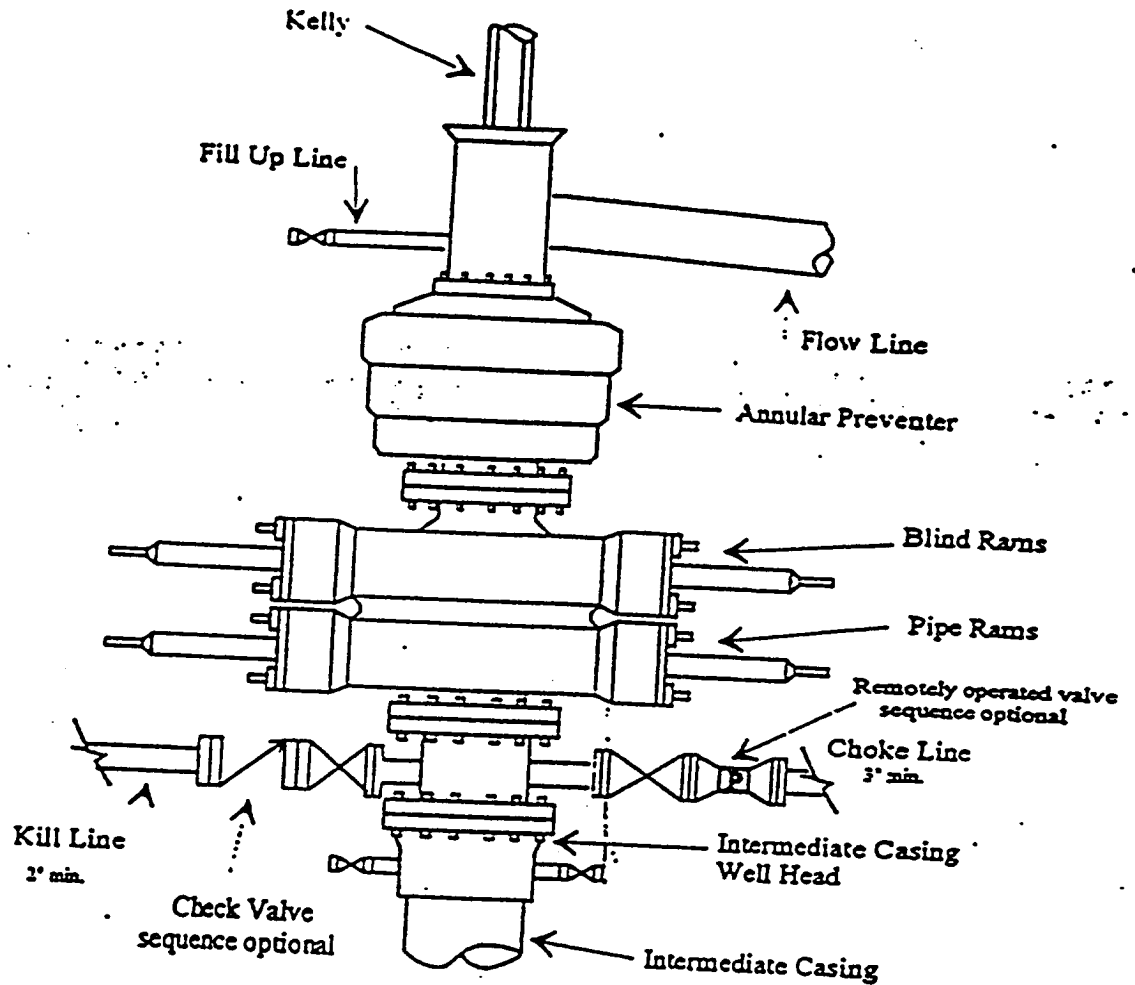
1. Grade & build road and location. Dig and board a cellar around the well. Drill mouse hole & rat hole.
2. Rig-up a rotary drilling rig.
3. Run a 17½" rock bit and drill 400'.
4. Run 13⅝" casing to 400' & cement w/ 500 sx cmt.
5. Run a 11" rock bit and drill to 4,150'.
6. Run 8⅝" casing to 4,150' and cement in w/ 1,850 sx cmt. Circ cmt to surface.
7. Run a 7⅝" bit and drill to 11,700'.
8. Condition the mud. Run laterolog, gamma-ray, neutron, density logs.
9. Run 11,700' of 17# & 20#, 5½", N-80, 8rd, LT&C casing.
10. Cement to above 4,150', 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.
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. Run a packer w/ on/off tool and 11,500'± of 2⅝" 6.5 ppf, N-80 tubing.
16. 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

