

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

Operator Name and Address Pride Energy Company P.O. Box 701950, Tulsa, OK 74170-1950				OGRID Number 151323	
Property Code 34946		Property Name West Lovington "20" State		API Number 38480141516	
Proposed Pool West Lovington Penn		Proposed Pool 2 JUL 2007		Well No 18915161718120121	
Surface Location					
UL or lot no L	Section 20	Township 16S	Range 36E	Lot Idn	Feet from the 1,650
			North/South line South	Feet from the 990'	East/West line West
County Lea					

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

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3,942'
Multiple No	Proposed Depth 11,700	Formation Strawn	Contractor Unknown	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 type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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.	

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

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 NMOCD guidelines <input 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 <i>Chris Williams</i>	
Title Pres of Pride Oil & Gas Co, Inc, as General Partner of Pride Energy Company		Title DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address johnp@pride-energy.com		Approval Date JUL 20 2007	
Date 7/10/07	Phone 918-524-9200	Conditions of Approval Attached <input type="checkbox"/>	

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code 40750	Pool Name Lovington; Upper Penn, West
Property Code	Property Name STATE WEST LOVINGTON "20"	Well Number 1
OGRID No. 151323	Operator Name PRIDE ENERGY COMPANY	Elevation 3942'

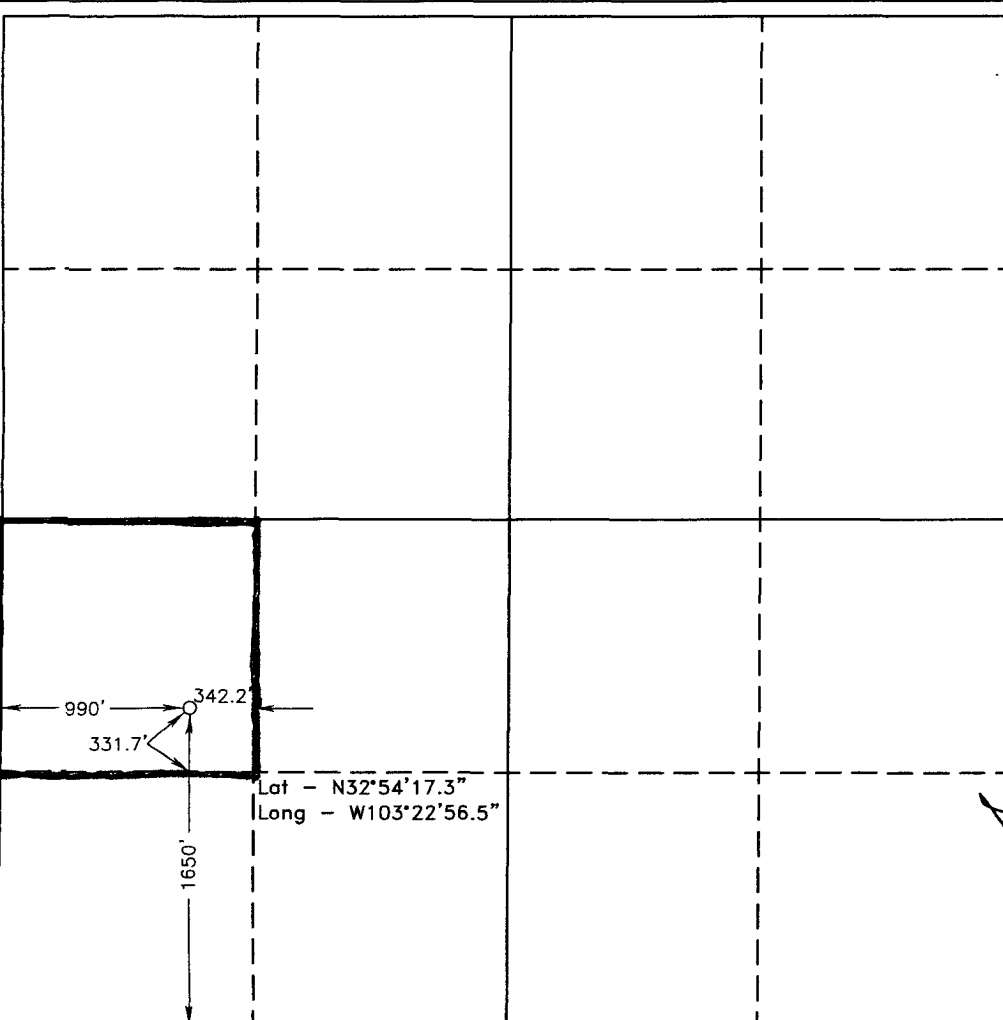
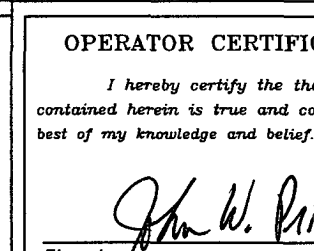
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	16 S	36 E		1650	SOUTH	990	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 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>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <u>John W. Pride</u> Signature <u>John W. Pride</u> Printed Name <u>Pres. of Pride Oil & Gas Co., Inc., as Gen. Partner</u> Title of Pride Energy Company <u>July 10, 2007</u> Date
	SURVEYOR CERTIFICATION <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> <u>JUNE 28, 2005</u> Date Surveyed
	<u>Professional Surveyor</u> Signature & Seal of 
	Certificate No. <u>Gary Jones 7977</u> BASIN SURVEYS

Pride Energy Company
Procedure
West Lovington "20" State #1
Section 20-T16S-R36E
1,650' fsl & 990' fwl
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

July 10, 2007

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 13¾" casing to 400' & cement w/ 500 sx cmt.
5. Run a 11" rock bit and drill to 4,150'.
6. Run 8¾" casing to 4,150' and cement in w/ 1,850 sx cmt. Circ cmt to surface.
7. Run a 7⅞" 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 2⅞" 6.5 ppf, N-80 tubing.
16. Production Test.

Proposed Completion

KB: 0.0'
DF: 0.0'
GL: 3942.0'
Datum: 0.0' above GL

West Lovington "20" St. #1

John Pride 7/10/07
API # 30-025-00000
1,650' fsl & 990' fwl
Sec 20-T16S-R36E
Lea Co, NM

13 $\frac{3}{8}$ " TOC @ surface

13 $\frac{3}{8}$ " 48# H-40 STC @ 400'
w/ 500 sx in 17 $\frac{1}{2}$ " hole

8 $\frac{5}{8}$ " TOC @ surface

8 $\frac{5}{8}$ " 24# & 32# J-55 STC @ 4,200'
w/ 1850 sx in 11" hole

5 $\frac{1}{2}$ " DV TOC @ 4000' calc

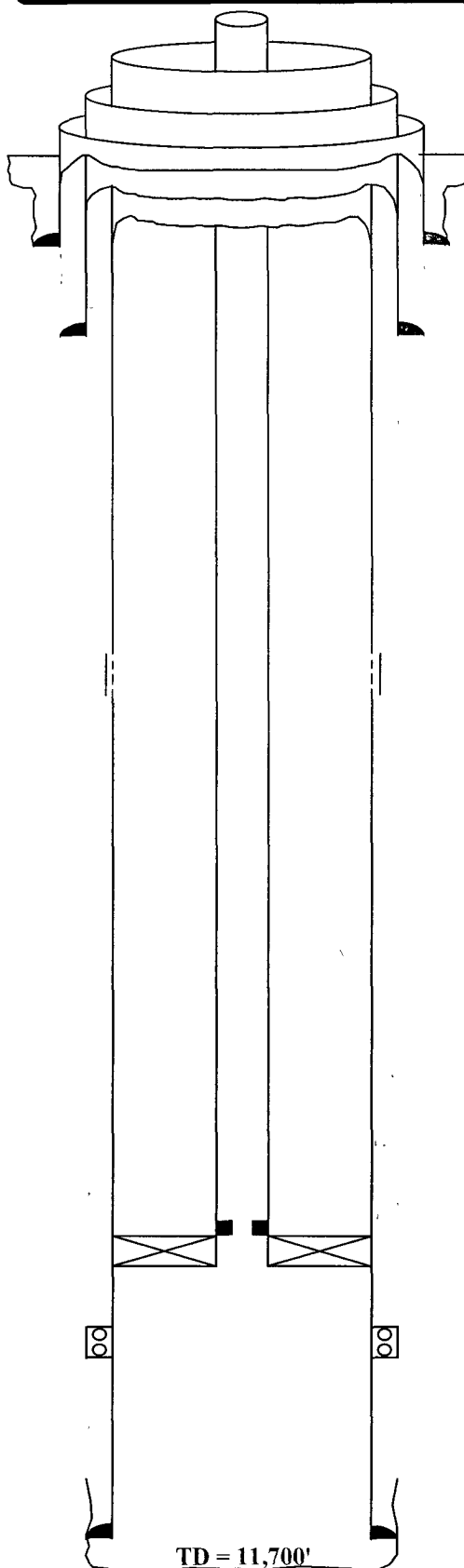
5 $\frac{1}{2}$ " DV tool @ 9000' w/ 1100 sx

5 $\frac{1}{2}$ " shoe TOC @ 9000' calc

Strawn perfs: TBD

PBTD = '

5 $\frac{1}{2}$ " 17# & 20# N-80 LTC @ 11,700'
w 675 sx in 7 $\frac{7}{8}$ " hole



8 $\frac{5}{8}$ " casing detail:

24# surf - 2400'

32# lg drift 2400' - 4200'

5 $\frac{1}{2}$ " casing detail:

20# surf - 1600'

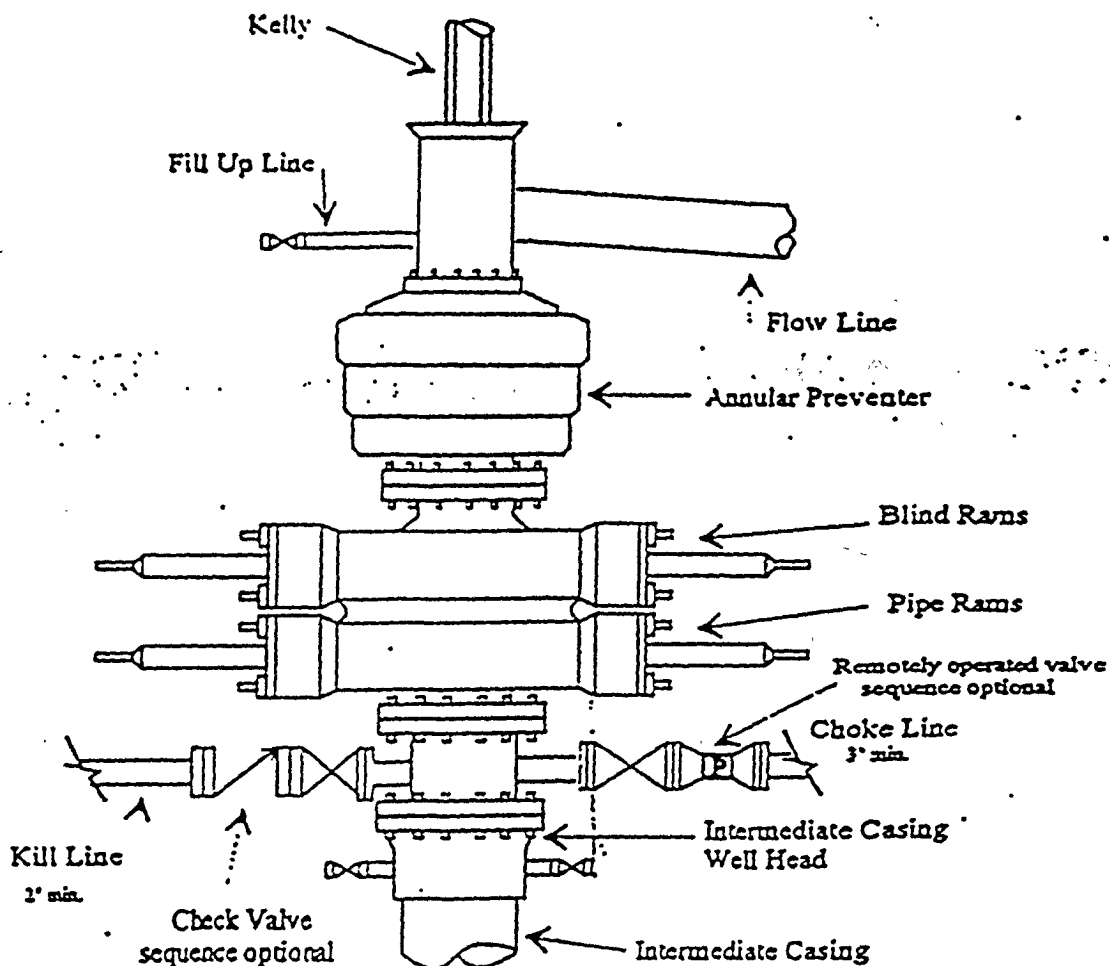
17# 1600' - 10,000'

20# 10,000' - 11,700'



BOP-4

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

