

DATE IN 8-26-04	SUSPENSE 9/10/04	ENGINEER Jones	LOGGED IN 8-26-04	TYPE SWD	APP NO. PSEM0424326975
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36  
 ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



RECEIVED

AUG 26 2004

**ADMINISTRATIVE APPLICATION CHECKLIST**

OIL CONSERVATION DIVISION

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Eddie W. Seay		Agent	8/13/2004
Print or Type Name	Signature	Title	Date
		seay04@leaco.net	
		e-mail Address	

**APPLICATION FOR AUTHORIZATION TO INJECT**

I. PURPOSE: Secondary Recovery Pressure Maintenance  Disposal Storage  
Application qualifies for administrative approval?  Yes  No

II. OPERATOR: Pride Energy Company

ADDRESS: Box 701602 Tulsa, OK 74170-1602

CONTACT PARTY: Steve Gillett PHONE: (918) 524-9200

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project?  Yes  No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

\*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

\*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

\*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Eddie W. Seay

TITLE: Agent

SIGNATURE: Eddie W. Seay

DATE: 8/13/2004

\* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

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Division, they need not be resubmitted).

- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Eddie W. Seay TITLE:  
Agent

SIGNATURE: *Eddie W Seay* 8/13/2004 DATE:

- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: urban drilled

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**ATTACHMENT TO APPLICATION C-108**

Pride Energy Company  
South Four Lake Unit #8  
Unit A, Sect. 2, T. 12 S., R. 34 E.  
Lea Co., NM

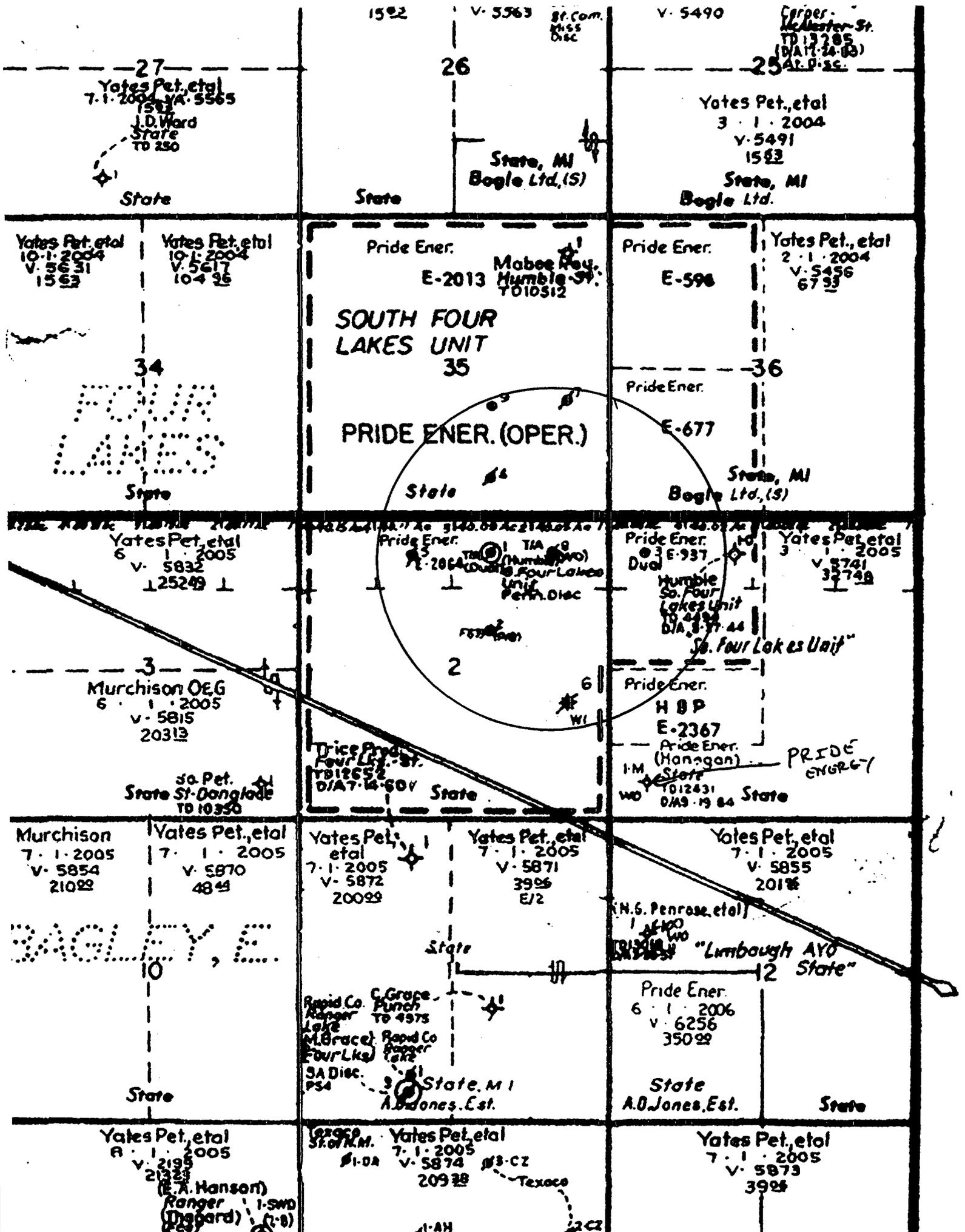
- III. Well data information sheets attached.
- IV. No.
- V. Map attached.
- VI. List of wells and data attached.
- VII. Proposed Operation
- (1) Average daily injection volume is 5000 to 10,000 bls. per day.
  - (2) Closed system.
  - (3) The average injection pressure is 1000 psig with a maximum injection pressure of 2500 psig or whatever OCD allows.
  - (4) Produced water from Pride's own production.
  - (5) Attached analysis.
- VIII. The proposed disposal formation is interbedded shale and limestone. The primary geologic name is Penn and also the Devonian. The Penn and Devonian are from 9900' to 12800'.  
The fresh water formation in this area is the Ogallala which ranges in thickness from top of H2O at 60' to the base of fresh water at 240'.
- IX. Acid as needed.
- X. Previously submitted.
- XI. Attached.
- XII. I, Eddie W. Seay, have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water pertaining to this well.

  
Signature

8/13/2004  
Date

**XIII. Proof of Notices attached.**

**XIV. Signed Application.**



1502

V. 5563

St. Com. 1965 Disc

V. 5490

Carper. McMaster-St. TD 13785 (DIA 7-24-13) ALP-25.

27

26

25

Yates Pet., etal  
7-1-2004 V. 5565  
J.D. Ward  
State  
TD 250

State, MI  
Bogle Ltd. (S)

Yates Pet., etal  
3-1-2004  
V. 5491  
1583

State, MI  
Bogle Ltd.

State

State

Yates Pet., etal  
10-1-2004  
V. 5563  
1563

Yates Pet., etal  
10-1-2004  
V. 5617  
10-4-25

Pride Ener.

E-2013

Mabee Roy.  
Humble St.  
7010512

Pride Ener.

E-598

Yates Pet., etal  
2-1-2004  
V. 5456  
6793

SOUTH FOUR  
LAKES UNIT  
35

36

PRIDE ENER. (OPER.)

Pride Ener.

E-677

State, MI  
Bogle Ltd. (S)

34

State

State

Yates Pet., etal  
6-1-2005  
V. 5832  
125249

Pride Ener.

E-2064

Humble So. Four Lakes Unit  
Perth. Disc

Pride Ener.

E-937

Yates Pet., etal  
3-1-2005  
V. 5741  
35748

Humble So. Four Lakes Unit  
104444  
DIA 8-27-44

S. Four Lakes Unit

3

Murchison O&G  
6-1-2005  
V. 5815  
20313

2

Pride Ener.

HBP

E-2367

Pride Ener. (Hangan)

PRIDE ENER. (Hangan)

So. Pet. St. Donagade  
State  
TD 10350

Trice Prod. Four Lakes Unit  
TD 12652  
DIA 7-14-60

State

IM State

WO 1012431  
DIA 8-19-84

State

Murchison  
7-1-2005  
V. 5854  
21022

Yates Pet., etal  
7-1-2005  
V. 5870  
4844

Yates Pet., etal  
7-1-2005  
V. 5872  
20099

Yates Pet., etal  
7-1-2005  
V. 5871  
3906  
E/2

Yates Pet., etal  
7-1-2005  
V. 5855  
20186

10

State

State

N.G. Penrose, etal  
1-1-2005  
V. 6256  
35099

"Lmbaugh AVO State"

12

Rapid Co. C. Grace Punch  
Ranger Lake  
M. Grace, Rapid Co.  
Four Lakes  
SA Disc.  
P34

State, MI  
A.D. Jones, Est.

Pride Ener.  
6-1-2006  
V. 6256  
35099

State  
A.D. Jones, Est.

State

Yates Pet., etal  
8-1-2005  
V. 2195  
21323  
(E.A. Hanson)  
Ranger (Thebard)  
1-SWD (2-B)  
101220

Yates Pet., etal  
7-1-2005  
V. 5874  
20928

1-AH

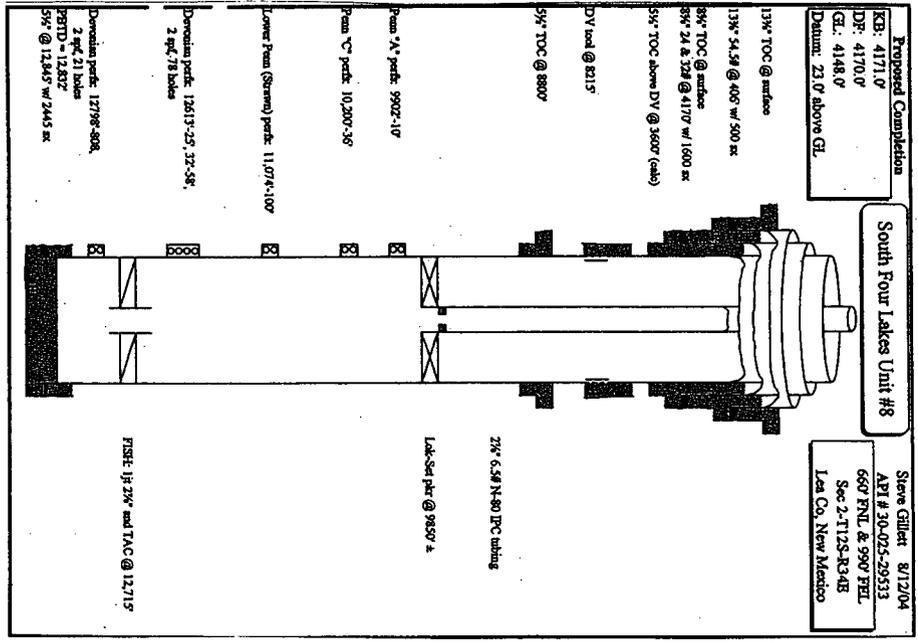
Yates Pet., etal  
7-1-2005  
V. 5873  
3906

Texaco

2-CZ

OPERATOR Frideo Energy Co LEASE South Four Lakes Unit  
 WELL NO. 8 FOOTAGE LOCATION W60/N 990/E SECTION 2 TOWNSHIP 12 S RANGE 34 E

**Schematic**



**Well Construction Data**

**Surface Casing**  
 Size 13 3/8 Cemented with 500 SX.  
 TOC Line feet determined by circulation to surface  
 Hole Size 17 1/4"

**Intermediate Casing**  
 Size 8 5/8 Cemented with 1600 SX.  
 TOC 3200 feet determined by TS  
 Hole Size 10 3/4

**Long String**  
 Size 5 1/2 Cemented with 2445 SX.  
 TOC 3800 feet determined by TS  
 Hole Size 7 7/8  
 Total Depth 12845  
 Injection Interval

9900 feet to 12800 feet  
 (perforated or open-hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8 " Lining Material: IPC

Type of Packer: Lok-Set

Packer Setting Depth: 9850

Other Type of Tubing/Casing Seal (if applicable): N/A

Additional Data

1. Is this a new well drilled for injection? Yes  No

If no, for what purpose was the well originally drilled? oil

2. Name of the Injection Formation: Perm and Devonian

3. Name of Field or Pool (if applicable): South Four Lakes Unit

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. NO

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

The Abo is at 7800

The Silurian is at 13000

{

## LIST OF OFFSET WELLS

### Pride Energy Co.

Well #8, Unit A, Sect. 2, T. 12 S., R. 34 E., 660/N 990/E

HOLE	CSG	SET	CEMENT	
17 1/4"	13 3/8"	406'	500 sx	Circ
10 3/4"	8 5/8"	4170'	1600 sx	TOC 3200'
7 7/8"	5 1/2"	12845'	2445 sx	TOC 3800'

### Pride Energy Co.

Well #2, Unit G, Sect. 2, T. 12 S., R. 34 E., 1980/N 1980/E

HOLE	CSG	SET	CEMENT	
17 1/2"	13 3/8"	326'	325 sx	Circ
12 1/4"	9 5/8"	4200'	2300 sx	Circ
7 7/8"	5 1/2"	12924'	1925 sx	TOC 5125'

### Pride Energy Co.

Well #1, Unit B, Sect. 2, T. 12 S., R. 34 E., 660/N 1980/E

HOLE	CSG	SET	CEMENT	
17 1/2"	13 3/8"	389'	325 sx	
12 1/4"	9 5/8"	4220'	3000 sx	
7 7/8"	5 1/2"	11417'	2350 sx	TOC 2325' TS

### Pride Energy Co.

Well #3, Unit D, Sect. 1, T. 12 S., R. 34 E., 660/N 660/W

HOLE	CSG	SET	CEMENT	
17 1/4"	13 3/8"	378'	325 sx	Circ
12 1/4"	9 5/8"	4200'	2500 sx	Circ
8 3/4"	7"	12874'	2900 sx	TOC 5708'

**Pride Energy Co.**

Well #8, Unit J, Sect. 35, T. 11 S., R. 34 E.

CSG	SET	CEMENT	
13 3/8"	415'	700 sx	Circ
8 5/8"	4200'	1250 sx	Circ
5 1/2"	10551'	1320 sx	TOC 5250'

**Exxon Corp.**

South 4 Lakes Unit

Well #5, Unit C, Sect. 2, T. 12 S., R. 34 E., 660/N 1980/W

P & A

CSG	SET	CEMENT	
13 3/8"	375'	400 sx	Circ
9 5/8"	4200'	2400 sx	Circ
5 1/2"	10456'	350 sx	TOC 8205'

TD 13020'  
Plug back to 10456'  
See attached schematic.

**Pride Energy Co.**

Well #4, Unit O, Sect. 35, T. 11 S., R. 34 E.

P & A

CSG	SET	CEMENT	
13 3/8"	394'	732 sx	Circ
9 5/8"	4218'	2500 sx	Circ
7"	12893'	2000 sx	Circ

(P & A schematic attached)

**Current Completion**

KB: 4171.0'  
DF: 4170.0'  
GL: 4148.0'  
Datum: 23.0' above GL

**South Four Lakes Unit #8**

Steve Gillett 8/12/04  
API # 30-025-29533  
660' FNL & 990' FEL  
Sec 2-T12S-R34E  
Lea Co, New Mexico

13 3/8" TOC @ surface

13 3/8" 54.5# @ 406' w/ 500 sx

8 5/8" TOC @ surface

8 5/8" 24 & 32# @ 4170' w/ 1600 sx

5 1/2" TOC above DV @ 3600' (calc)

DV tool @ 8215'

5 1/2" TOC @ 8800'

Penn "A" perfs: 9902'-10'

Penn "C" perfs: 10,200'-36'

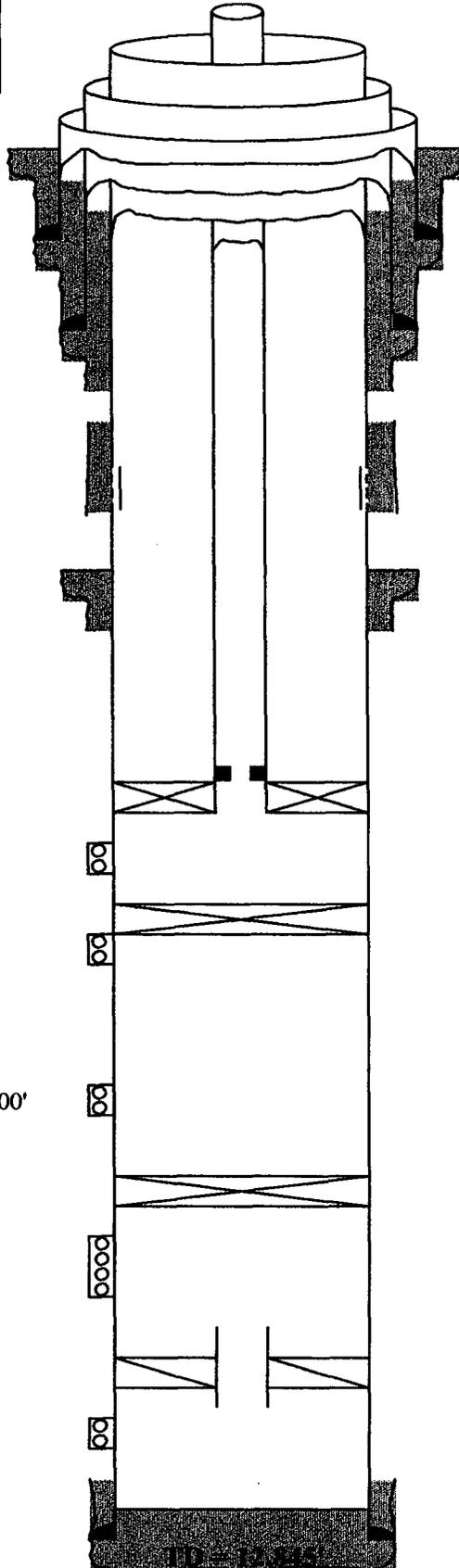
Lower Penn (Strawn) perfs: 11,074'-100'

Devonian perfs: 12613'-25', 32'-58',  
2 spf, 78 holes

Devonian perfs: 12798'-808,  
2 spf, 21 holes

PBTD = 12,832'

5 1/2" @ 12,845' w/ 2445 sx



CIBP @ 10,200'

CIBP @ 12,560

FISH: 1jt 2 7/8" and TAC @ 12,715'

**Proposed Completion**

KB: 4171.0'  
DF: 4170.0'  
GL: 4148.0'  
Datum: 23.0' above GL

**South Four Lakes Unit #8**

Steve Gillett 8/12/04

API # 30-025-29533

660' FNL & 990' FEL

Sec 2-T12S-R34E

Lea Co, New Mexico

13 3/8" TOC @ surface

13 3/8" 54.5# @ 406' w/ 500 sx

8 5/8" TOC @ surface

8 5/8" 24 & 32# @ 4170' w/ 1600 sx

5 1/2" TOC above DV @ 3600' (calc)

DV tool @ 8215'

5 1/2" TOC @ 8800'

Penn "A" perfs: 9902'-10'

Penn "C" perfs: 10,200'-36'

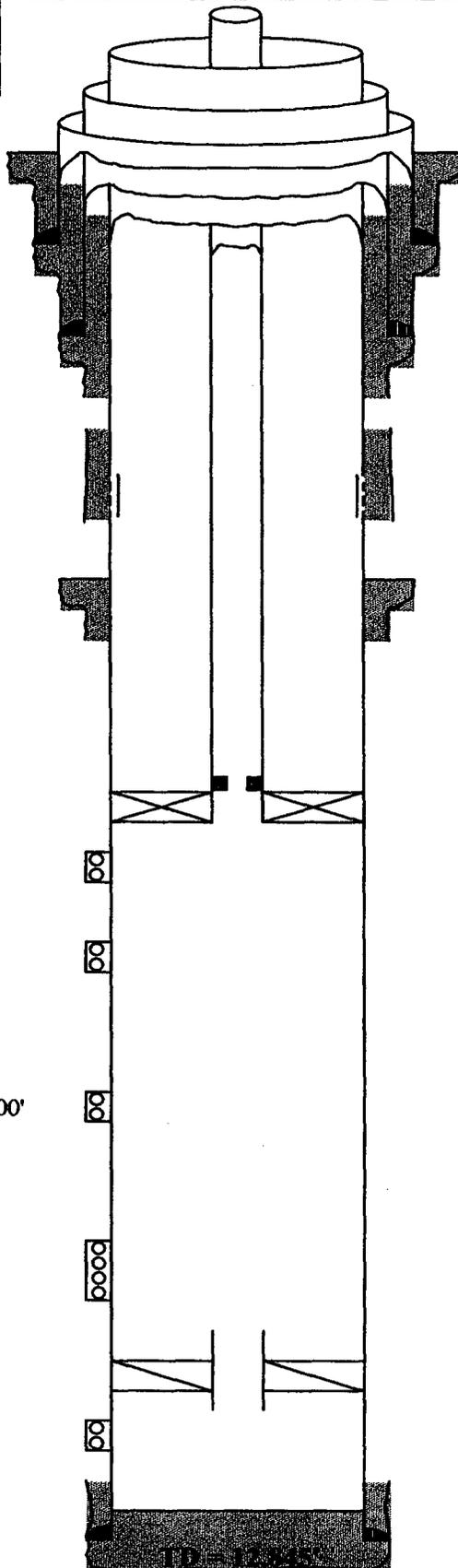
Lower Penn (Strawn) perfs: 11,074'-100'

Devonian perfs: 12613'-25', 32'-58',  
2 spf, 78 holes

Devonian perfs: 12798'-808,  
2 spf, 21 holes

PBTD = 12,832'

5 1/2" @ 12,845' w/ 2445 sx



2 7/8" 6.5# N-80 IPC tubing

Lok-Set pkr @ 9850' ±

FISH: 1jt 2 7/8" and TAC @ 12,715'

ID = 12,845'

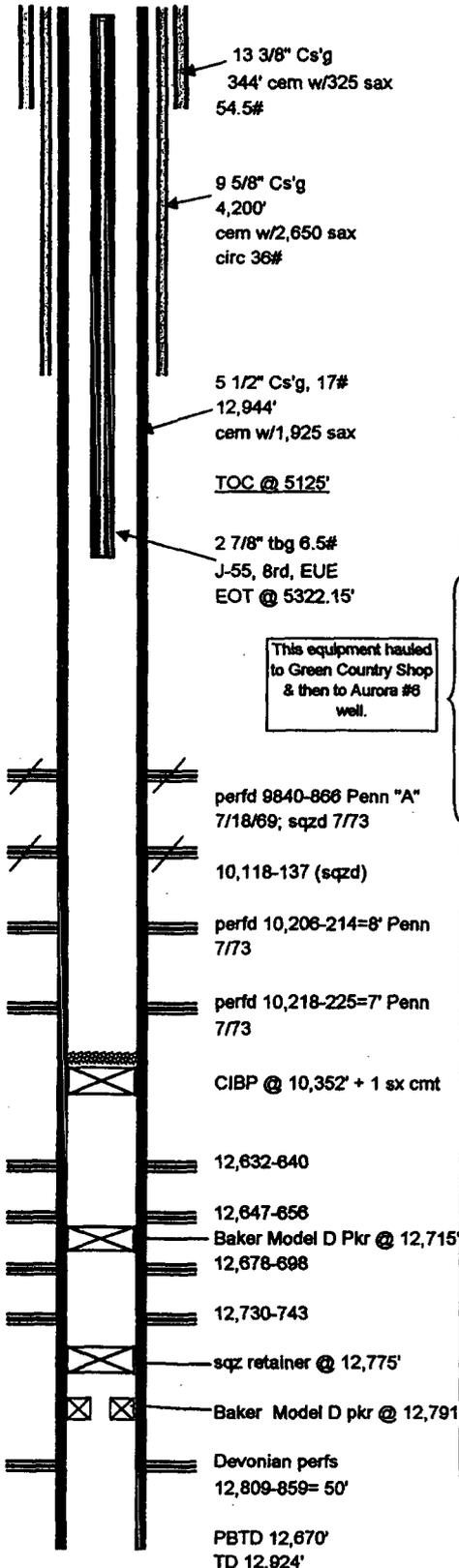


# Wellbore Data Schematic

(Graphics are not to scale)

Company: Pride Energy Company  
 Lease: South Four Lakes Unit #2  
 Location: Sec 2-12S-34E  
1980' FNL & 1,980' FEL of sec.

Date: 10/16/03  
 County: Lea State: NM  
 API#: 30-025-01832  
 Elev 4,156' GL



### Tubing Data

Description	Length	Top	Bottom
150 Jts 2 7/8" J-55 tbg EUE 8rd	5006.27'		5006.27'
Drain Valve	0.60'		5006.87'
2 Jts 2 7/8" J-55 tbg EUE 8rd	66.64'		5073.51'
Check Valve	0.60'		5074.11'
2 Jts 2 7/8" J-55 tbg EUE 8rd	66.64'		5140.75'
4 - Pumps - series: 400 67+67+67+58 HSS = 259 stages Type: GCPA-175	62.6'		5203.35'
1 - Gas separator, TC Bushings HSS Series: 400	3.3'		5206.65'
2 - Seals, Series: 400 Type: 66L HL UT & LT HSS	5.7'		5212.35'
4 - Motors Series: 456 HP: 100 each = 400 HP Volts: 790 ea, Amps: 80 UT, CT, CT, LT ea	109.8'		5322.15'
Total length of String (No Elevation)		5322.15'	

### Rod & Pump Data

Description	QTY	Length	Footage
120 HP motor (used) voltage 1250	1	23.40'	
Amerage 62 motor series 450 motor model FME (Centrifliff) pump stages: 234			
pump type: FC 1800	1	23.5'	
gas separator (FRSX)	1	2.67'	
seal section (FSC=model #)	1	5.8'	
motor controller: 60 HZ			
lifting sub	1	4.00'	
total		59.17'	
Total Rod / Pump Length		59.17'	

### Calculated Data (With Elevation)

TAC Depth @ <u>N/A</u>	Avg Jt Length	33.38'
Seat Nipple @ _____	Pump Intake	5230'
Gas Anchor Length _____		
Jts Between Surface / TAC _____	Pump API Code	
Submersible Pump Co. <u>Green County Sub Pmp (Brandon English)</u>		
1-866-449-3330; 405-919-1059 (m)		

### Additional Notes:

See Next Page

160 acres gas dedication for Devonian in 1959.

Schematic Prepared By:  
**Pride Energy Company(John Pride)**

**Current Completion**

KB: 4157.0'  
 DF: 4156.0'  
 GL: 4144.0'  
 Datum: 13.0' above GL

**South Four Lakes Unit # 4**

Steve Gillett 6/8/04  
 API # 30-025-01827  
 660' FSL & 1980' FEL  
 Sec 35-T11S-R34E  
 Lea Co, New Mexico

13 3/8" TOC @ surface  
 13 3/8" 48# H-40 STC @ 394'  
 w/ 732 sx in 17 1/2" hole  
 9 5/8" TOC @ surface  
 9 5/8" 36# J-55 STC @ 4218'  
 w/ 2500 sx in 12 1/4" hole  
 7" TOC @ surface

San Andres perms 4780'-90',  
 1 spf, 10 holes, SQZ'd

Penn "A" perms 9884'-9900', 2 spf  
 SQZ'D w/ xx sx, re-shot 9884'-94'

Penn "C" perms 9933,35,45,49,  
 51,54', 6 holes SQZ'd

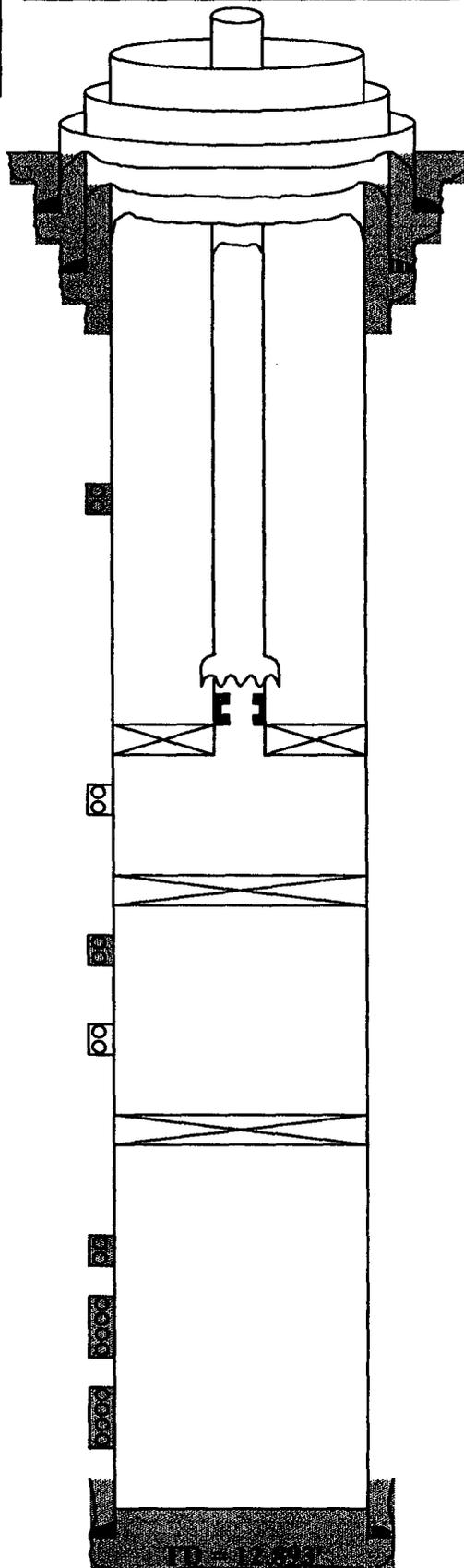
Penn "E" perms 10,220'-30',  
 3 spf, 30 holes

Devonian Perfs: 12,715',21',25',33',  
 37',41',43',45',47',49',51',55',  
 59', 13 holes, SQZ'd

Devonian Perfs: 12,710'-60', 80'-800'  
 12,830'-36', 42'-75', SQZ'd

Devonian Perfs: 12,857'-92',  
 4 spf, 140 holes, SQZ'd

PBTD = 12,825'  
 7" LTC @ 12,893' w/ 2000 sx  
 in 8 3/4" hole



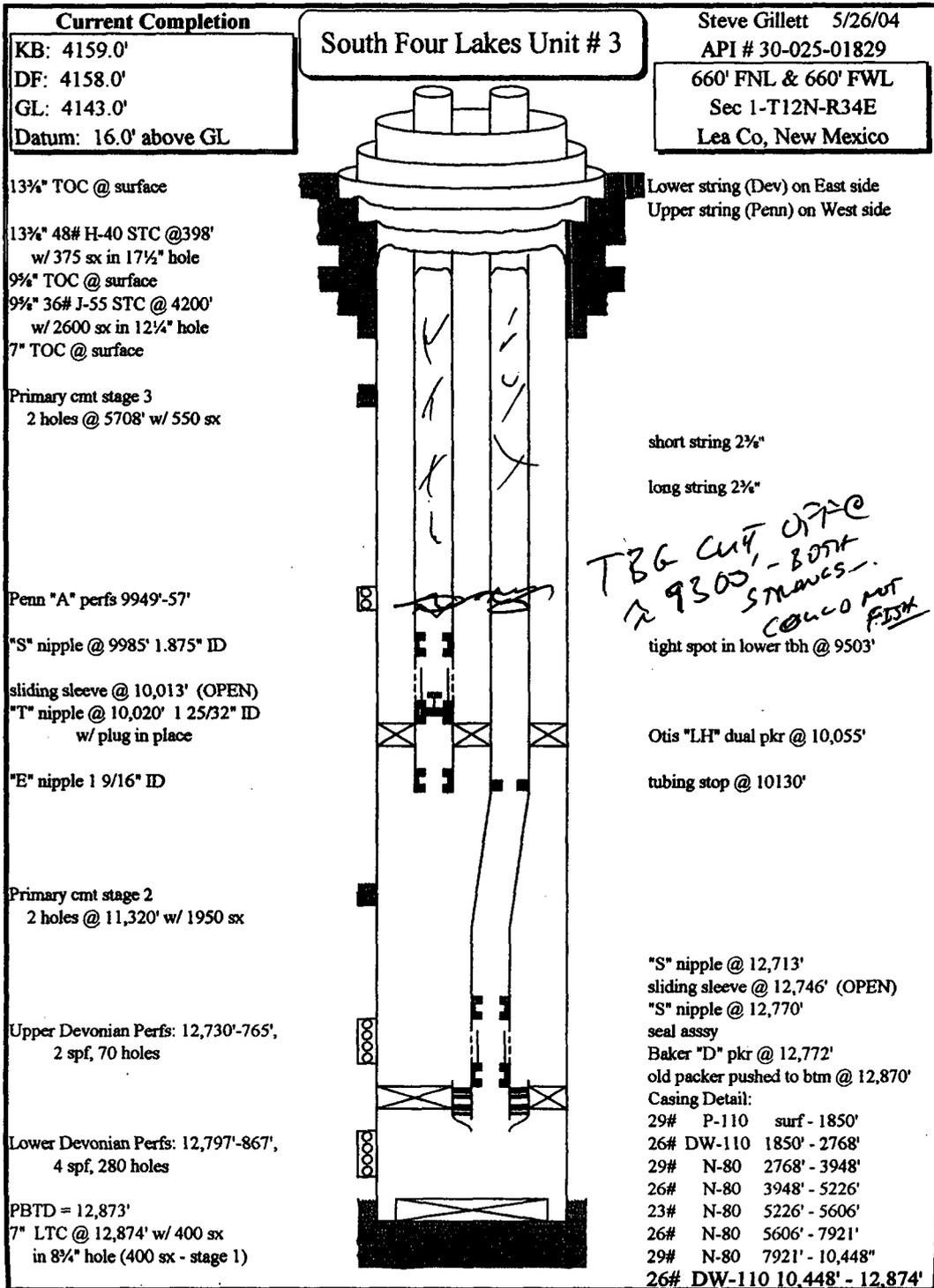
2 7/8" 6.5# N-80 tbg

on/off tool above packer  
 Baker Lok-Set or equiv pkr  
 @ 10,150'±

CIBP @ 10,500'±

Casing Detail:  
 29# P-110 surf -  
 26# DW-110  
 29# N-80  
 26# N-80  
 23# N-80  
 26# N-80  
 29# N-80  
 26# DW-110 - 12,893'

*ATTENDED TO PULL  
FBH BY HOLES*





**Current Completion**

KB: 4162.0'  
DF: 4161.0'  
GL: 4148.0'  
Datum: 14.0' above GL

**South Four Lakes Unit # 7**

Steve Gillett 8/11/04  
API # 30-025-01828  
1980' FSL & 660' FEL  
Sec 35-T11S-R34E  
Lea Co, New Mexico

13<sup>3</sup>/<sub>8</sub>" TOC @ surface

13<sup>3</sup>/<sub>8</sub>" 48# H-40 @ 405'  
w/ 375 sx in 17<sup>1</sup>/<sub>2</sub>" hole

8<sup>5</sup>/<sub>8</sub>" stub @ 1125'

8<sup>5</sup>/<sub>8</sub>" TOC @2450'  
8<sup>5</sup>/<sub>8</sub>" 24# J-55 @ 4220'  
w/ 600 sx in 11" hole

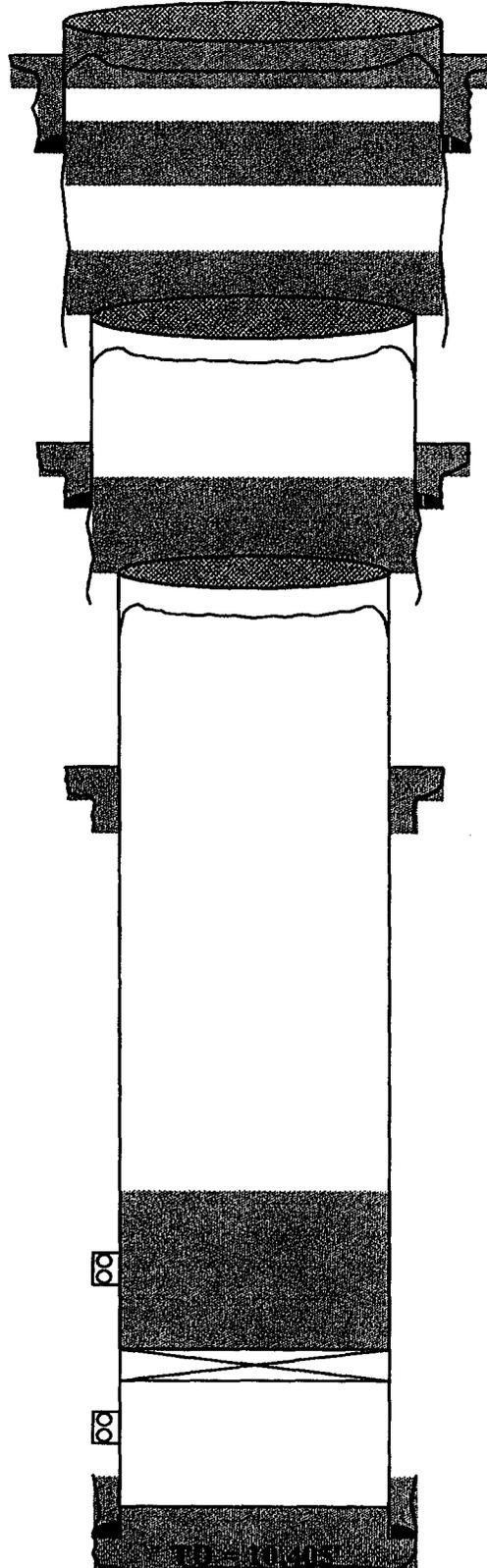
4<sup>1</sup>/<sub>2</sub>" stub @ 4265'

4<sup>1</sup>/<sub>2</sub>" TOC @8650'

Penn "A" perms 9949'-57'

Penn "C" perms 10265'-80'

PBTD = '  
4<sup>1</sup>/<sub>2</sub>" 11.6# J-55 & N-80



PLUG #5: 15 sx (20') @ surface

PLUG #4: 70 sx 450' - 350'

PLUG #3: 30 sx 1125' - 1075'

PLUG #1: 20 sx 10,053' - 9750'

Ret BP @ 10,053'

**Current Completion**

KB: 4167.6'  
DF: 4166.6'  
GL: 4149.6'  
Datum: 18.0' above GL

**South Four Lakes Unit #9**

Steve Gillett 8/12/04  
API # 30-025-31188  
1980' FSL & 1980' FEL  
Sec 35-T11S-R34E  
Lea Co, NM

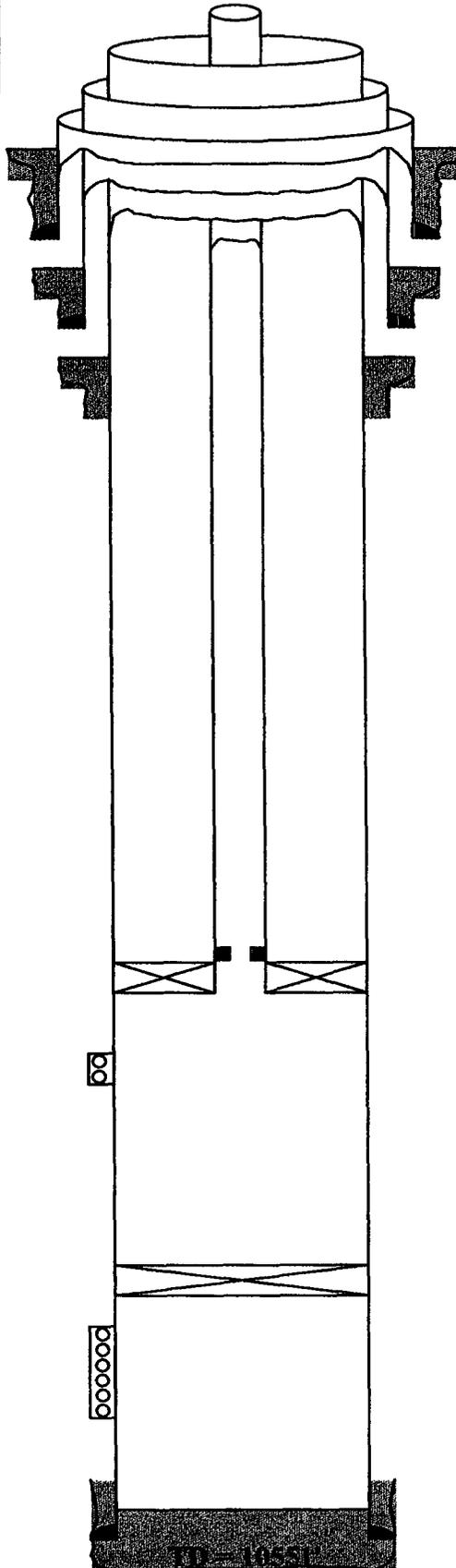
13 3/8" TOC @ ?

13 3/8" 54.5# J-55 ST&C @ 415'  
w/ 700 sx

8 5/8" TOC @ ?

8 5/8" 32# & 24# J-55 ST&C  
@ 4200' w/ 1250 sx

TOC @ 5250' (DV tool at xx')



2 7/8" 6.5# N-80

Penn "A" Perfs: 9929'-34',  
2 spf, 20 holes

CIBP @ 10,200'

Penn "C" Perfs: 10231'-49, 58'-64',  
10277'-10303', 2 spf, 103 holes

PBTD = 10526'  
5 1/2" 15.5# & 17# @ 10551'  
w/ 1320 sx

10551'

**Current Completion**

KB: 4157.5'  
DF: 4156.5'  
GL: 4142.0'  
Datum: 15.5' above GL

**South Four Lakes Unit #13**

Steve Gillett 7/12/04  
API # 30-025-36528  
1830' FSL & 735' FWL  
Sec 1-T12N-R34W  
Lea Co, NM

TOC @ surface  
13 3/8" 48# H-40 340'  
w/ 300 sx in 17 1/2" hole

TOC @ surface  
9 5/8" 36# & 40# J-55 LTC 4156'  
w/ xx sx in 12 1/4" hole

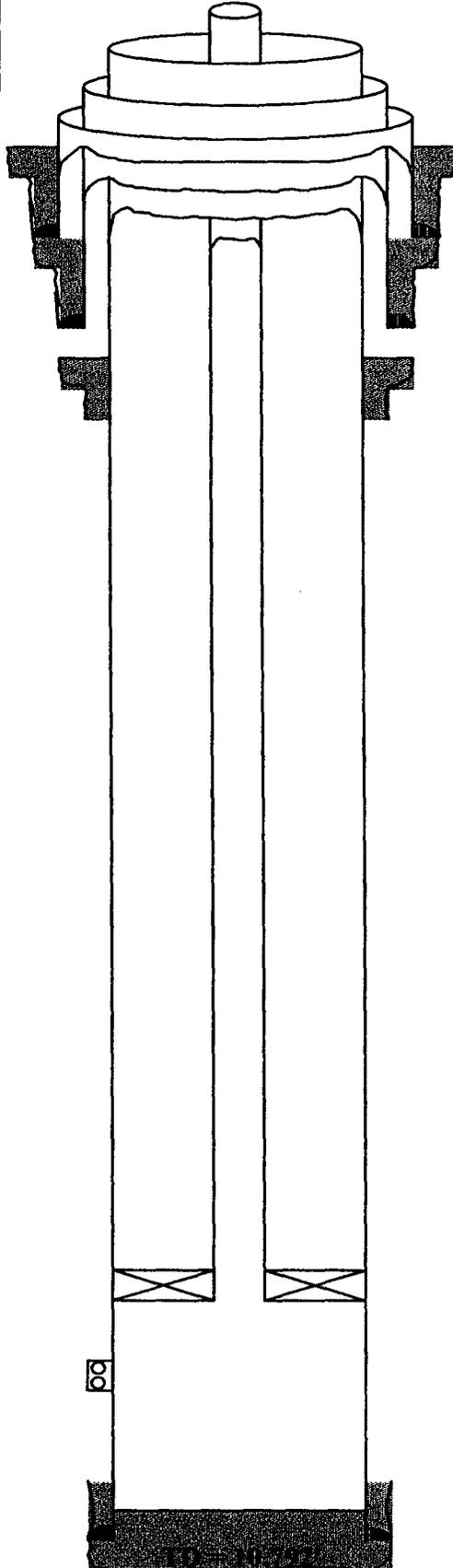
TOC @ 4090' by CBL  
8 3/4" hole to 8869'

8800'-9200' cmt plug for whipstock  
out of original hole.

7 7/8" hole 8869' - TD

Canyon "B" perms 10,680'-92',

PBTD = 10,714'  
5 1/2" 17# P-110 LTC @ 10792'  
w/ 1955 sx



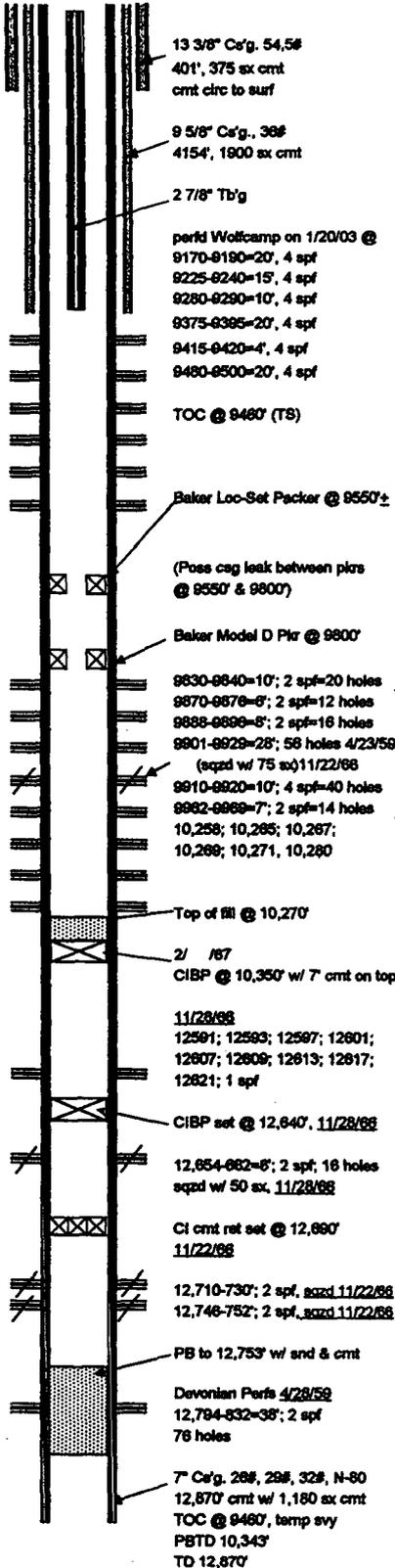
Original 8 3/4" wellbore was deemed  
to have crossed a fault. The hole  
was plugged back @ 8800' w/ a 400'  
cmt plug and kicked off to the East at  
8869' w/ a 7 7/8" hole.

# Wellbore Data Schematic

(Graphics are not to scale)

Company: Pride Energy Company  
 Lease: South Four Lakes Unit #6 SWD  
 Location: Sec 2-12S-34E  
1980' FSL & 680' FEL of Sec.

Date: 10/15/03  
 County: Lea State: NM  
 API#: 30-025-01834  
 Elev 4155' DF; 4159' RKB



### Tubing Data

Description	Length	Top	Bottom
2 7/8" tbg			

Total length of String (No Elevation) →

### Rod & Pump Data

Description	QTY	Length	Footage
None			

Total Rod / Pump Length →

### Calculated Data (With Elevation)

TAC Depth @ \_\_\_\_\_ Avg Jt Length \_\_\_\_\_  
 Seat Nipple @ \_\_\_\_\_ Pump Intake \_\_\_\_\_  
 Gas Anchor Length \_\_\_\_\_  
 Jts Between Surface / TAC \_\_\_\_\_ Pump API Code \_\_\_\_\_  
 Pump Co. \_\_\_\_\_

Perm Injection Interval  
 Total 46' net; Total 112 holes

### Additional Notes:

See Next Page

THIS DATA SHEET IS INCOMPLETE & INCORRECT. I will update & send tomorrow SAG 4/12/04

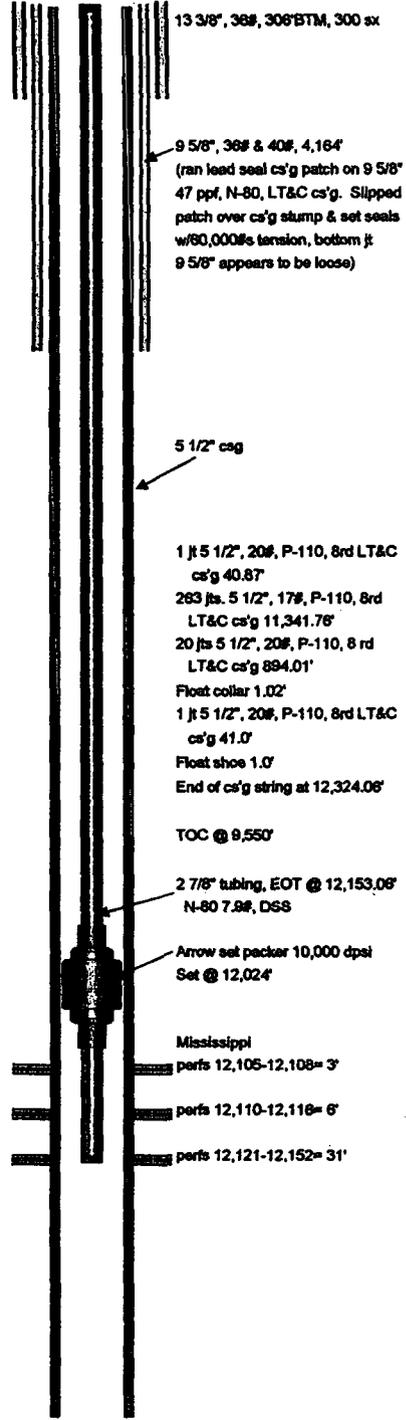
# Wellbore Data Schematic

(Graphics are not to scale)

Company: Pride Energy Company  
 Lease: State #1-M  
 Location: CSW 1/4 SW 1/4 (660' x), 660'  
(M) Sec 1, T 12S, R 34E

Date: 7/15/03  
 County: Lea State: NM  
 API#: 30-025-20689  
K.B. 24.0' G.L.

Dist from G.L. to orig. K.B. 24.0'      0      24'



### Tubing Data

Description	Length	Top	Bottom
1 jt 2 7/8\" 6.5# N-80	31.72	24	55.72
Tb'g Subs 2 7/8\", 6.5#, N-80, EUE, 8 rd	7.89	55.72	63.61
375 jts 2 7/8\", 7.9#, DSS	11,924.86	63.61	11,988.47
1 jt 2 7/8\", 7.9#, DSS w/ ra marker	33.13	11,988.47	12,021.60
2 7/8\", 8rd, pin x 2 7/8\" DSS box crossover	0.82	12,021.60	12,022.42
On-off tool w/ F\" nipple & 2.25\" no-go	1.65	12,022.42	12,024.07
Arrow set 10,000 dpsi packer	8.89	12,024.07	12,030.96
1 jt 2 7/8\", 7.9 ppf, DSS thread tb'g	33.34	12,030.96	12,064.30
Vent	1.32	12,064.30	12,065.62
Tb'g release	1.59	12,065.62	12,067.21
1 jt 2 7/8\", 7.9#, DSS	33.39	12,067.21	12,100.60
Cross-over	0.44	12,100.60	12,101.04
Firing head	4.19	12,101.04	12,105.23
Perforating Gun	47.0	12,105.23	12,152.23
Bull Plug	0.83	12,152.23	12,153.06

Total length of String (No Elevation) → 12,153.06'

### Rod & Pump Data

Description	QTY	Length	Footage
N/A			

Total Rod / Pump Length →

### Calculated Data (With Elevation)

TAC Depth @ None	Avg Jt Length	31.6
Seat Nipple @	Pump Intake	None
Gas Anchor Length		
Jts Between Surface/TAC None	Pump API Code	
Pump Co. None		

### Additional Notes:

8 3/4\" Hole Size down to 12,431 TD  
 Wash down and drill out plugs as follows:  
 25 sx @ 11,030', 25 sx @ 9,920', 25 sx @ 9,205', 25 sx @ 7,030',  
 25 sx @ 5,595', 25 sx @ base of 9 5/8\" csg @ 4,175',  
 25 sx @ stub of 9 5/8\" csg @ 1,050', 25 sx @ base of surface csg  
 13 3/8\" @ 306', 10 sx plug @ surf w/ standard marker, intervals between  
 plugs filled w/ heavy drilling mud  
 Objective: Wash down wellbore & perf. Mississippi  
 3/31/01: Perf'd Miss. 12,105-108; 12,110-116; 12,121-152= total 40' w/ 5 spf, total  
 of 188 holes. Immediate blow w/ gas to surf in 4 1/2 mins at 200 MCFPD rate & building  
 4/2/01: 3,100 psi SITP, flowed at rate of 1,300 MCFPD 48/64\" chk, 80 psi FTP for  
 3 hrs. rec'd 8 BC & 0 BW or mud.  
 7/18/01: 1st gas sales: 562 MCF in 15hrs= 899 MCFPD, 7 BO=11 BOPD 0 BW  
 FTP 820 LP 778  
 7/28/01: 536 MCFPD, 0 BOPD, 10 BW, 18/64 chk, FTP 670, LP 680, riding line press  
 8/9/01: 450 to 475 MCFPD, 2 to 5 BOPD, 0 BWPD, FTP riding LP at 650 to 725 psi  
 (have not acidized yet, plan to next week w/ 2,500 Gals. of 15% HCL acid w/ a  
 little iron control.  
 1/24/03: Ran BHP, flowing Gradient test, showed BHP = 1874 psi at 12,129' w/  
 scattered fluid fr surf dn, getting more dense fr 730' on dn, curr setting compressor  
 Perhaps it will help unload well, as well as prod more gas.  
 7/16/03: BEHIND PIPE POTENTIAL PAY ZONES:

Formation	Interval	Porosity	Comments
Atoka Morrow	11,585-694=9'	6%	Good Cross-Over, Sandy,
	11,827-830=3'	12%	Sandy, Res good, 100
	11,878-881=3'	10%	Sandy, Res good, 150
Penn	10,820-828=8'	11%	100 ohms
	10,734-744=10'	14-15%	30 ohms
	10,714-718=4'	8%	80 ohms
	10,632-642=10'	12% mud cake	10,20,30 ohms
	10,534-535=1'	lit?	
	10,398-402=4'		
10,368-368=2'			
10,023-045=22'			

TD 12,245'  
 Orig. TD 12,431'

Schematic Prepared By:

John Pride

Phone: (918) 524-9200 Fax: (918) 524-9292 E-mail: johnp@pride-energy.com

OPERATOR Exxon Corp	DATE 1973 PA
LEASE South four Lakes	WELL No 5
	LOCATION C. Sec 2 T12 R 34
	640/N 1980/W

Surface plug



13 3/8 " casing set at 375 ' with 400 sx of C cement

Hole size 17 1/4 " Circ

Shoe plug

40 sv plug

9 5/8 " casing set at 4200 ' with 2400 sx of C cement

Hole size 12 1/4 " Circ

3/2 stub 5125 40 sv plug

plug at 9899

5 1/2 " casing set at 10456 ' with 350 sx of C cement

Total depth 13020 ' Hole size 7 " TOC 8205

plug

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
**E-2064**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator <b>HUMBLE OIL &amp; REFINING COMPANY</b>	8. Farm or Lease Name <b>SOUTH FOUR LAKES</b>
3. Address of Operator <b>P.O. BOX 1600, MIDLAND, TEXAS 79701</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>C</b> <b>660</b> FEET FROM THE <b>NORTH</b> LINE AND <b>1980</b> FEET FROM THE <b>WEST</b> LINE; SECTION <b>2</b> TOWNSHIP <b>12-S</b> RANGE <b>34-E</b> NMPM.	10. Field and Pool, or Wildcat <b>FOUR LAKES PENN</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>4160 DF</b>	12. County <b>LEA</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any prop work) SEE RULE 17D3.

- HYDRO TEST TUBING OUT TO DISCARD BAD JOINTS.
- RUN TBG. BACK OPEN ENDED AND PLACE 20 SK CLASS H CEMENT PLUG FROM 9825-9945. PUMP ALL PLUGS DOWN WITH PRODUCED WATER CONTAINING 25 SK GELL/100BBSLS. PULL TBG.
- ESTABLISH FREE POINT AND CUT OFF 5 1/2" CSG. ABOVE THE CEMENT AT ABOUT 8205'. PULL CSG.
- RUN TBG AND PLACE PLUGS AS FOLLOWS  
40 SK ACROSS THE 5 1/2" CSG. CUT  
40 SK 5400-5500 ABOVE SAN ANGELO  
40 SK 4165-4265 ACROSS 9 5/8" CSG. SEAT AND BELOW SAN ANDRES  
10 SK SURFACE
- PLACE WELL MARKER AND CLEAN UP LOCATION.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *[Signature]* TITLE UNIT HEAD DATE 11-27-72

APPROVED BY *[Signature]* TITLE \_\_\_\_\_ DATE NOV 29 1972

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED		
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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
**E-2064**

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator <b>EXXON CORPORATION</b>	8. Farm or Lease Name <b>SOUTH FOUR LAKES U</b>
3. Address of Operator <b>P.O. Box 1600, MIDLAND, TEXAS 79701</b>	9. Well No. <b>5</b>
4. Location of Well UNIT LETTER <b>C</b> <b>660</b> FEET FROM THE <b>NORTH</b> LINE AND <b>1980</b> FEET FROM THE <b>WEST</b> LINE, SECTION <b>2</b> TOWNSHIP <b>12-S</b> RANGE <b>34-E</b> NMPM.	10. Field and Pool, or Wildcat <b>FOUR LAKES PEN</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>4160 DF</b>	12. County <b>LEA</b>

18. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data.  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

SET DR PLUG IN BAKER MODEL D PKR AT 9899 CIRCULATED WE. W/200 BBL SALT GEL MUD AND SPOT 20 SX CEMENT PLUG. RAN FREE POINT INDICATOR, 5 1/2" CSG STUCK AT 5165. SHOT 5 1/2 CSG WITH JET CUTTER AT 5125. SPOTTED 40 SX PLUG THRU TBG AT 5128, PULLED TBG TO 4265 AND SHOT 40 SX PLUG. REMOVED BOP, MIXED 10 SX SURFACE PLUG, INSTALLED WELL MARKER AND CLEANED UP LOCATION.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE **UNIT HEAD** DATE **1-29-73**

APPROVED BY [Signature] TITLE **[Signature]** DATE **NOV 1 1973**

CONDITION OF APPROVAL, IF ANY:

OPERATOR	Humble oil & Refining Co	DATE	1944 P+A
LEASE	NM state 'O'	WELL No.	1
		LOCATION	NE 1/4 of NW 1/4 S+1 T12 R34



10 <sup>3</sup>/<sub>4</sub> " casing set at 303 ' with 165 sx of Inor cemen  
Hole size 12 <sup>1</sup>/<sub>4</sub> " Cement Core

Hole lined w/ Mud



7 <sup>7</sup>/<sub>8</sub> " casing set at 3100 ' with 750 sx of C ceme  
Total Depth 5500 ' Hole size 9 <sup>7</sup>/<sub>8</sub> " core

- Plug 4994 - 4700  
- TD 5500

DUPLICATE

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED  
AUG 29 1944  
NEW MEXICO

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	X		

Midland, Texas, August 28, 1944

Place

Date

OIL CONSERVATION COMMISSION,  
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Humble Oil & Refining Company N. M. State "0" Well No. 1 in the

Company or Operator

NE/4 of NW/4 of Sec. 1, T. 13-S, R. 34-E, N. M. P. M.,

N/W Tatum Wildcat Field, Lea County.

The dates of this work were as follows: August 26, 1944

Notice of intention to do the work was (was not) submitted on Form C-102 on August 26 19 44

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Plugged hole with cement from 4994' to 4700' with 100 sacks trinity Portland cement. Plugged hole from 4700' to 4300' with mud-laden fluid. Plugged hole from 3300' to 3250' with 255' sacks Portland cement. Filled hole with mud-laden fluid from 3250' to top of casing. Cemented from 10' to surface with 5 sacks trinity Portland cement with regulation marker.

Witnessed by \_\_\_\_\_ Name \_\_\_\_\_ Company \_\_\_\_\_ Title \_\_\_\_\_

Subscribed and sworn before me this \_\_\_\_\_

I hereby swear or affirm that the information given above is true and correct.

28th day of August, 19 44

Name W. H. Hulse

Position Division Superintendent

Willie Mae Ferguson  
Notary Public

Representing Humble Oil & Refining Company  
Company or Operator

My commission expires 6-1-45

Address Box 1600, Midland, Texas

Remarks:

Ray Yarbrough  
Name  
OIL & GAS INSPECTOR  
Title

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

RECEIVED  
AUG 28 1944  
REGISTERED

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO DEEPEN WELL			

Midland, Texas

August 26, 1944

Place

Date

OIL CONSERVATION COMMISSION,  
Hobbs, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the Humble Oil & Refining Company, N. M. State "G" Well No. 1 in NE/4 of NW/4 of Sec. 1, T. 12-S, R. 34-E, N. M. P. M., N/W Tatum Wildcat Field, Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Cement hole from bottom or 4994 feet to 4700 feet. Fill hole with heavy mud laden fluid from 4700 feet to 3300 feet. Cement hole from 3300' to 3250'. Fill hole with heavy mud laden fluid from 3250 feet to surface, placing cement plug in top of 7-5/8 inch casing. No attempt to be made to recover surface casing or 7-5/8 inch casing which was set at 3300 feet.

406 28 1944

Approved \_\_\_\_\_, 19\_\_\_\_  
except as follows:

"APPROVED" IS CONDITIONED UPON COMPLIANCE WITH REQUIREMENTS OF OPC-WPB."

OIL CONSERVATION COMMISSION,  
By Roy Gardner  
Title OIL & GAS INSPECTOR

Humble Oil & Refining Company  
Company or Operator  
By [Signature]  
Position Division Superintendent  
Send communications regarding well to  
Name Humble Oil & Refining Company  
Address P. O. Box 1600, Midland, Texas



**New Mexico Office of the State Engineer  
Well Reports and Downloads**

Township: 12S Range: 34E Sections: 2

NAD27 X:            Y:            Zone:            Search Radius:           

County:            Basin:            Number:            Suffix:           

Owner Name: (First)            (Last)             Non-Domestic  Domestic  All

Well Surface Data Report    Aquifer/Well Water Report    Water Column Report  
 Clear All    WATER'S MENU    Help

WELL / SURFACE DATA REPORT 10/11/2002

(acre ft per annum)				(quarters are 1-NW 2-NE 3-SW 4-SE)					
DB File Nbr	Use	Diversion	Owner	Well Number	Source	Tws	Rng	Sec	q
<u>L 03005</u>	PRO	3	EXXON CORP.	<u>L 03005</u>		12S	34E	02	2
<u>L 03005 (1)</u>	PRO		EXXON CORP.	<u>L 03005 (1)</u>		12S	34E	02	2

Record Count: 2



PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
 EDDIE SEAY CONSULTING  
 ATTN: EDDIE SEAY  
 601 W. ILLINOIS  
 HOBBS, NM 88242  
 FAX TO:

Receiving Date: 10/10/02  
 Reporting Date: 10/15/02  
 Project Owner: PRIDE ENERGY  
 Project Name: PRIDE 4 LAKES SWD  
 Project Location: WEST TATUM

Sampling Date: 10/10/02  
 Sample Type: GROUNDWATER  
 Sample Condition: COOL & INTACT  
 Sample Received By: AH  
 Analyzed By: AH

LAB NUMBER SAMPLE ID	P-Alkalinity (mg/L)	T-Alkalinity (mg/L)	Hardness (mg/L)	Chloride (mg/L)	Sulfates (mg/L)	pH (s.u.)
ANALYSIS DATE	10/14/02	10/14/02	10/14/02	10/14/02	10/14/02	10/14/02
H7119-1 4 LAKES #1	0	195	344	180	158	7.30
Quality Control	NR	NR	48	970	49.34	6.96
True Value QC	NR	NR	50	1000	50.00	7.00
% Recovery	NR	NR	96.0	97.0	98.7	99.4
Relative Percent Difference	NR	NR	0	8.0	0.2	0.1

METHODS: EPA 600/4-79-020	-	-	130.2	-	375.4	150.1
Standard Method	2320 B	2320 B	-	4500-CFB	-	-

LAB NUMBER SAMPLE ID	Hydroxides (mg/L)	Carbonate (mg/L)	Bicarbonate (mg/L)	Conductivity (umhos/cm)	TDS (mg/L)
ANALYSIS DATE	10/14/02	10/14/02	10/14/02	10/14/02	10/15/02
H7119-1 4 LAKES #1	0	0	238	966	528
Quality Control	NR	NR	1056	1489	NR
True Value QC	NR	NR	1000	1413	NR
% Recovery	NR	NR	106	105	NR
Relative Percent Difference	NR	NR	8.1	0.3	8.8

METHODS: EPA 600/4-79-020	-	-	-	120.1	160.1
Standard Method	2320 B	2320 B	2320 B	-	-

Amey Hill  
 Chemist

10-15-02  
 Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

**PRIDE ENERGY CO.  
BOX 701602  
TULSA, OK 74170-1602**

August 19, 2004

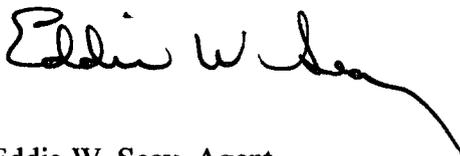
RE: South Four Lakes #8  
Unit A, Sect. 2, Tws. 12 S., Rng. 34 E.

Dear Sirs:

In accordance with the rules and regulation of the Oil Conservation Division of the State of New Mexico, you are being provided a copy of the C-108, Application for Authorization to inject, in the above captioned well.

Any questions about the permit can be directed to Eddie W. Seay, (505)392-2236. Any objections or request for hearing must be filed with the Oil Conservation Division within fifteen (15) days from the date received. The OCD address is P.O. Box 6429, 1220 S. Saint Francis Drive, Santa Fe, NM 87504, (505)476-3440.

Thank you,

A handwritten signature in black ink that reads "Eddie W. Seay". The signature is written in a cursive style with a long, sweeping tail that extends to the right.

Eddie W. Seay, Agent  
601 W. Illinois  
Hobbs, NM 88242  
(505)392-2236

## NOTICES

Pride Energy Co.  
P.O. Box 701602  
Tulsa, OK 74170-1602

State Land Office  
Box 1148  
Santa Fe, NM 87504-1148

NMOCD  
Box 6429  
1220 S. Saint Francis Drive  
Santa Fe, NM 87504

Bogle Lld. Co.  
Four Lakes Ranch  
Box 460  
Dexter, NM 88230

7003 1010 0002 2628 2099

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Postage	\$ 1.52	UNIT ID: 0660 Postmark AUG 23 2004 Clerk: KCCDINS
Certified Fee	2.30	
Return Receipt Fee (Endorsement Required)	1.75	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.57	

Sent To **State Land Office**  
 Street, Apt. No. or PO Box No. **Box 1148**  
 City, State, ZIP+4® **Santa Fe, NM 76504-1148**

PS Form 3800, June 2002 See Reverse for Instructions

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 Street, Apt. No. or PO Box No. **P.O. Box 701602**  
 City, State, ZIP+4® **Tulsa, OK 74170-1602**

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Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.57	

Sent To **Bogle Ltd. Co.**  
 Street, Apt. No. or PO Box No. **Four Lakes Ranch**  
 City, State, ZIP+4® **Box 460**

PS Form 3800, June 2002 See Reverse for Instructions

## LEGAL NOTICE

Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, Pride Energy Company, Box 701602, Tulsa, OK 74170-1602, is filing application for a salt water disposal. The well being applied for is the South Four Lakes Well #8, located in Unit Letter A, 660/N ~~7980~~1980/E, in Section 2, Township 12 S., Range 34 E., Lea Co., NM. The injection formation will be the Penn and Devonian from 9900' to 12800'. The expected maximum rate of injection will be approximately 5000 to 10,000 bls. per day and the expected maximum injection pressure will be 2500 psi. Any questions about the application can be directed to Eddie W. Seay, (505)392-2236, or any objection or request for hearing must be directed to the Oil Conservation Division, (505)476-3440, Box 6429, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87504, within fifteen (15) days.



