

9/8/05
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APP NO.
PSCM05/1932409
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997
RECEIVED
AUG 31 2005
OIL CONSERVATION DIVISION

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



ADMINISTRATIVE APPLICATION CHECKLIST

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
Print or Type Name

Eddie W Seay
Signature

Agent
Title

8/25/05
Date

seay_04@leaco.net
e-mail Address

PLUGGED well
30-025-01833
Perm A/c
9236-10315
1987 B.C.

RECEIVED

SEP - 8 2005

APPLICATION FOR AUTHORIZATION TO INJECT

OIL CONSERVATION
DIVISION

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

II. OPERATOR: Pride Energy Company

ADDRESS: P.O. Box 701950 Tulsa OK 74170-1950

CONTACT PARTY: Stephen A. 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? X Yes No
If yes, give the Division order number authorizing the project: R- 3306

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 Sany TITLE: Agent
SIGNATURE: Eddie W Sany DATE: 8/25/05

* 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: when drilled 1957

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section,

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 Agent TITLE:

SIGNATURE: Eddie W Seay 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: when drilled, in 1957

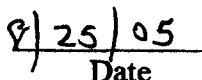
DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

ATTACHMENT TO APPLICATION C-108

Pride Energy Company
South Four Lake Unit #5
Unit C, 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 A and Penn C. The Penn A and Penn C are from 9936' to 10315'.
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


Date

XIII. Proof of Notices attached.

XIV. Signed Application.

Pride Energy Co.

OPERATOR

WELL NO.

FOOTAGE LOCATION
5 660/N 1980/W Unit C

LEASE

South Four Lakes Unit

8

SECTION

12

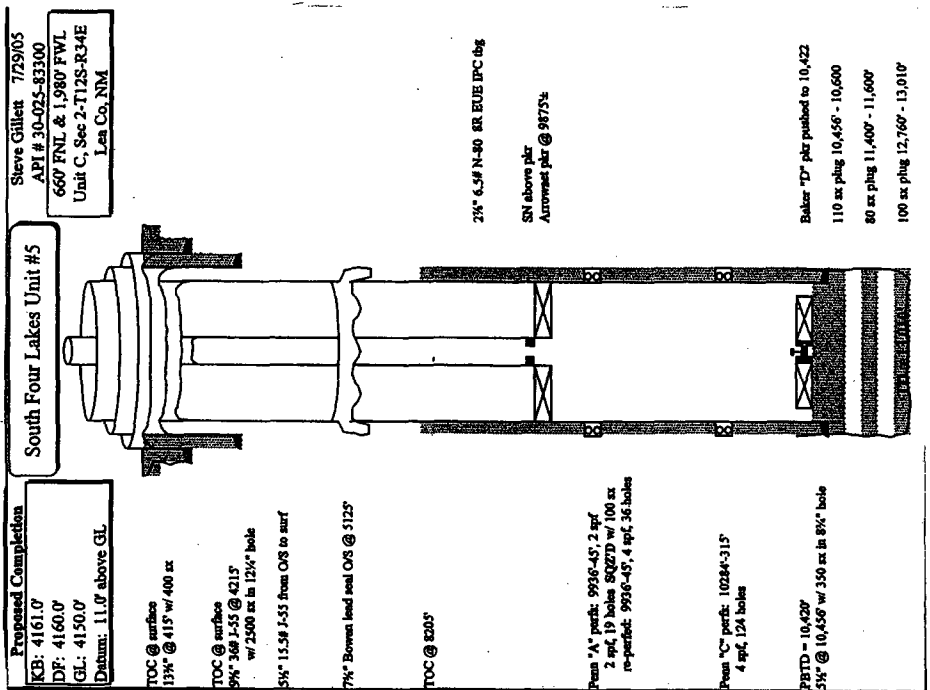
TOWNSHIP

374

RANGE

Schematic

Well Construction Data



Surface Casing

Size 13 1/8 Cemented with 400 sx.

TOC Surface feet determined by circulation

Hole Size 17

Intermediate Casing

Size 4 3/8 Cemented with 2500 sx.

TOC Surface feet determined by Circulated

Hole Size 124

Long String

Size 5 1/2 " Cemented with 350 sx.

TOC 8205 feet determined by TS

Hole Size	8 1/4"
-----------	--------

Total Depth 15100

Injection Interval

9936 feet to 10315 feet
(perforated or open-hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 7/8 Lining Material: IPC
 Type of Packer: Arrowset
 Packer Setting Depth: 9875
 Other Type of Tubing/Casing Seal (if applicable): NONE

Additional Data

1. Is this a new well drilled for injection? Yes X No
 If no, for what purpose was the well originally drilled?

Oil and Gas well

2. Name of the Injection Formation: Penn A and Penn C
 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.

Open hole completion from 10420 to 13010 Plugged Back

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

The Devonian and Wolfcamp are below,
The Abo is above the proposed injection
zone.

Proposed Completion

KB: 4161.0'

DF: 4160.0'

GL: 4150.0'

Datum: 11.0' above GL

South Four Lakes Unit #5

Steve Gillett 7/29/05

API # 30-025-83300

660' FNL & 1,980' FWL
Unit C, Sec 2-T12S-R34E

Lea Co, NM

TOC @ surface

13³/₈" @ 415' w/ 400 sx

TOC @ surface

9⁵/₈" 36# J-55 @ 4215'

w/ 2500 sx in 12¹/₄" hole

5¹/₂" 15.5# J-55 from O/S to surf

7⁵/₈" Bowen lead seal O/S @ 5125'

TOC @ 8205'

Penn "A" perfs: 9936'-45', 2 spf

2 spf, 19 holes **SQZ'D** w/ 100 sx

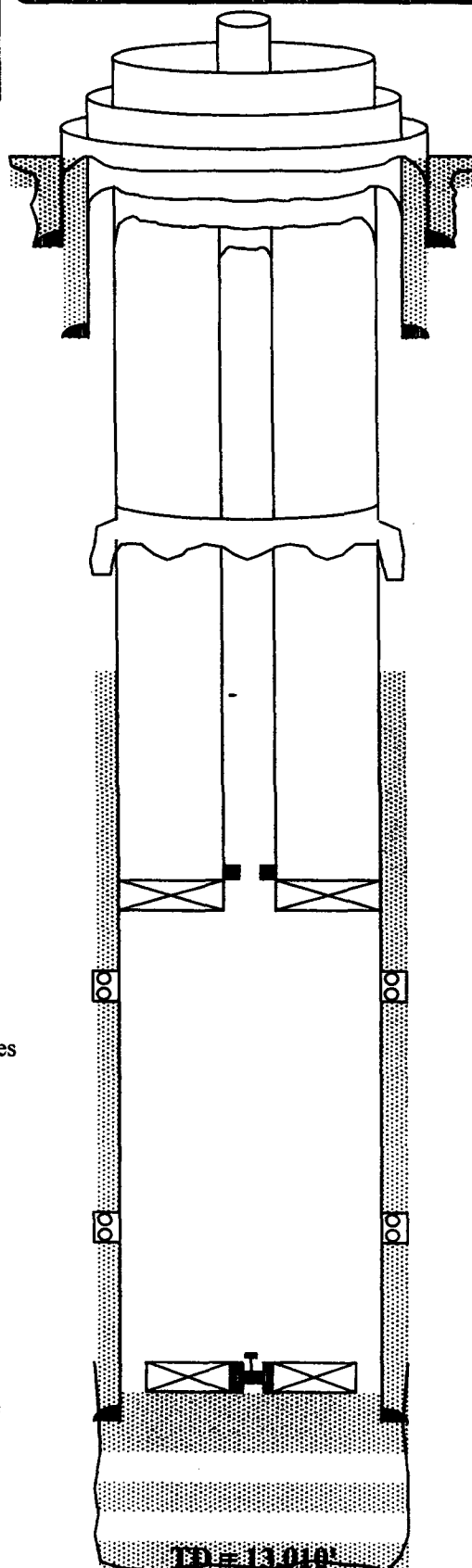
re-perfed: 9936'-45', 4 spf, 36 holes

Penn "C" perfs: 10284'-315'

4 spf, 124 holes

PBTD = 10,420'

5¹/₂" @ 10,456' w/ 350 sx in 8³/₄" hole



2⁷/₈" 6.5# N-80 8R EUE IPC tbg

SN above pkr

Arrowset pkr @ 9875'±

Baker "D" pkr pushed to 10,422

110 sx plug 10,456' - 10,600

80 sx plug 11,400' - 11,600'

100 sx plug 12,760' - 13,010'

TD = 13,010'

NO. OF COPIES RECEIVED	
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SANTA FE	
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 <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No	E-2064

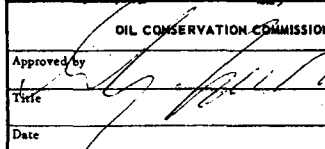
SUNDY NOTICES AND REPORTS ON WELLS <small>DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPTH OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.</small>	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator EXXON CORPORATION	8. Farm or Lease Name SOUTH FOUR LAKES UNIT
3. Address of Operator P.O. Box 1600, MIDLAND, TEXAS 79701	9. Well No. 5
4. Location of Well UNIT LETTER C 660 FEET FROM THE NORTH LINE AND 1980 FEET FROM THE WEST LINE, SECTION 2 TOWNSHIP 12-S RANGE 34-E N.M.P.M.	10. Field and Pool, or Wildcat FOUR LAKES PENN
15. Elevation (Show whether DF, RT, CR, etc.) 4160 DF	12. County LEA

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOG <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" 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 1703.

SET DR PLUG IN BAKER MODEL D PKR AT 9899, CIRCULATED WELL W/200 BBL SALT GEL MUD AND SPOT 20 SK CEMENT PLUG. RAN FREE POINT INDICATOR, 5 1/2" CSC STUCK AT 5165. SHOT 3 1/2 CSC WITH JET CUTTER AT 5125. SPOTTED 40 SK PLUG THRU TBG AT 5128, PULLED TBG TO 4265 AND SHOT 40 SK PLUG. REMOVED BOP, MIXED 10 SK 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 <u>James R. T.</u>	TITLE <u>UNIT HEAD</u>	DATE <u>1-29-73</u>
APPROVED BY <u>John W. Rungtson</u>	TITLE _____	DATE _____
CONDITION OF APPROVAL, IF ANY:		

NUMBER OF COPIES & LEADS DISTRIBUTION		NEW MEXICO OIL CONSERVATION COMMISSION		FORM C-103 <small>(Rev. 3-55)</small>	
NAME TITLE LINE OFFICE TRANSPORTER OPERATOR		MISCELLANEOUS REPORTS ON WELLS <small>(Submit to appropriate District Office as per C-103)</small>			
Name of Company Humble Oil & Refining Company		Address Box 2347, Hobbs, N.M.			
Lease South Four Lakes Unit I	Well No. 5	Unit Letter C	Section 2	Township 12 S	Range 34 E
Date Work Performed 5-8, 5-13-60	Pool Four Lakes Pennsylvanian	County Log			
THIS IS A REPORT OF: (Check appropriate block)					
<input type="checkbox"/> Beginning Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Other (Explain):					
<input type="checkbox"/> Plugging <input checked="" type="checkbox"/> Remedial Work					
Detailed account of work done, nature and quantity of materials used, and results obtained.					
<p>Pulled rods & tubing. Dropped Baker "Trip-Bob" in Model D Packer at 10250, and covered with 2 sacks cnt. Perforated 5 1/2" csg from 9936-9945 w/2 shots per ft. Set packer at 9900'. Acidized perf from 9936-9945 w/5000 gal acid. Stabbed well in.</p>					
Witnessed by J. C. Sherrill		Position Field Supt		Company Humble Oil & Refining Co.	
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY					
ORIGINAL WELL DATA					
D F Elev. 4160	T D 13010	P B T D 10420	Producing Interval 10284-10315	Completion Date 5-14-60	
Tubing Diameter 2"	Tubing Depth 10250	Oil String Diameter 5 1/2	Oil String Depth 10456		
Perforated Interval(s) 10284-10315					
Open Hole Interval 10284-10315					
RESULTS OF WORKOVER					
Test Before Workover	Date of Test 11-10-60	Oil Production BPD 13	Gas Production MCFPD 24	Water Production BPD 2	GOR Cubic feet/Bbl 1589
After Workover	5-14-60	229	229	2	1589
I hereby certify that the information given above is true and complete to the best of my knowledge.					
OIL CONSERVATION COMMISSION			Name James E. Kelly		
Approved by 			Position Manager		
Title Manager			Company Humble Oil & Refining Company		
Date 5-14-60			Box 2347, Hobbs, N.M.		

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE 000

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company	Humble Oil & Refining Company	Address	1950 JAN 2 AM 10:29 Box 2047 - Hobbs, New Mexico								
Lease	South Four Lakes Unit	Well No.	5	Unit Letter	0	Section	2	Township	12S	Range	34E
Date Work Performed	2-6 thru 2-21-60	Pool	Four Lakes Pennsylvanian				County	Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain):
☐ Plugging ☒ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Acidized perforations 10,284-10-315' w/ 5000 gallons acid @ 4.7 BPM. Initial pressure 2800#, final pressure 800#. Shut in pressure after 5 minutes 490#. Used 223 bbls. lead oil. Ran rods and placed well on pump. After recovery of all lead oil well produced at rate of 27 bbls. oil and 6 bbls. water per day pumping 6-84" SPN. Pumping oil well through perforations 10,284-10315'.

Witnessed by *J.C. Sherrill* Position **Field Superintendent** Company **Humble Oil & Refining Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	4160	T D	13,010	P BTD	10,420	Producing Interval	10284-10315	Completion Date	7-31-57
Tubing Diameter	2"	Tubing Depth	10,250	Oil String Diameter	5-1/2"	Oil String Depth	10456		
Perforated Interval(s) 10,284-10,315									
Open Hole Interval None				Producing Formation(s) Pennsylvanian					

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	12-7-59	12	203	1	16,001	-
After Workover	2-23-60	27	52	6	1,933	-

OIL CONSERVATION COMMISSION

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

Approved by

Name

Title

Position
Agent

Date

Company
Humble Oil & Refining Company

REPORT OF DRILL-STEM AND SPECIAL TESTS

IF DRILL-STEM OR OTHER SPECIAL TESTS OR DEVIATION SURVEYS WERE MADE, SUBMIT REPORT ON SEPARATE SHEET AND ATTACH HERETO. Drill stem test - see attached sheet.
Maximum Hole Deviation = 5-3/4 deg at 10465' L.T. TCO.

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 13,010 FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

PRODUCTION

DATE TO PRODUCING 7-31-57 12

WELL THE PRODUCTION DURING THE FIRST 24 HOURS WAS 238 BARRELS OF LIQUID OF WEIGHT 1.00

WAS OIL, % WAS EMULSION, % WATER, GAS, % WAS

SEDIMENT, A.P.I. GRAVITY 43

WELL THE PRODUCTION DURING THE FIRST 24 HOURS WAS

BARRELS OF LIQUID HYDROCARBON, SHUT IN PRESSURE 185

LENGTH OF TIME SHUT IN

PLEASE INDICATE BELOW FORMATION TOPS (In Conformance With Geographical Section Of State)

SOUTHEASTERN NEW MEXICO

NORTHWESTERN NEW MEXICO

T. ANHY. 2005	T. DEVONIAN 12930	T. CANYON
T. SAN	T. SILURIAN	T. EL PASO-SANTIAGO
T. RAL	T. MONTOYA	T. FARMINGTON
T. WATERS 2006	T. SIMPSON	T. FLORENCE CLIFFS
T. WATERS	T. MCKEE	T. JARVIS
T. QUEEN	T. ELLENBURGER	T. FORD LOOKOUT
T. GRAYBURG	T. GR. WASH.	T. ARBORE
T. SAN ANDRES 4100	T. GRANITE	T. DELTA
T. GLOUETTA 5560	T.	T. ANDERSON
T. DRINKARD	T.	T. PERRY
T. TUBBS 6980	T.	
T. ABC 7778	T.	
T. BENT	T.	
T. WASH. 12290	T.	

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	2005	2005	Red Bed & Shale				
2005	2406	801	Anhy. salt, sand				
2406	4100	1694	Sand, dolomite & shale				
4100	5550	1450	Dolomite				
5550	7778	2228	Dolomite, sandy dolomite, shale				
7778	9090	1312	Dolomite, shale & anhy. sandstone				
9090	11460	2370	Limestone, shale, sandstone, anhy. chert				
11460	12290	830	Sandstone, limestone & shale				
12290	12808	518	Limestone, chert & shale				
12808	12930	122	Shale, limestone				
12930	13010	80	Limestone & dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE REQUIRED

I HEREBY SWEAR OR AFFIRM THAT THE INFORMATION GIVEN HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND TO THE BEST OF MY ABILITY AND WORK DONE ON IT SO FAR AS CAN BE DETERMINED FROM THE ABOVE RECORDS.

DATE 6-2-1957

REPORTED OR OPERATOR Hunkle Oil & Refining Company ADDRESS 1001 N. 1st St. Dallas, Texas

NAME H. M. Farty POSITION OR TITLE Asst. Mgr.

Humble Oil & Refining Company, South Four Lakes Unit I, Well #5.

Drill Stem Tests

Date	Type Test	Formation Tested		Tool		Size Ck		Open	Formation Press	Recovery - Ft.				Well Test
		OH or Csg	From To	Top	Bot	Min	Flow			Shut-in	Oil	Wtr	And Other	
5-14-57	OH	10255	10341	1	5/8	344	1475		25-5	1,360 lbs per hr	(flowing)			YES
5-16-57	OH	11465	11487	1	5/8	30	660		730				5	YES
5-18-57	OH	11500	11540	1	5/8	140	745		3600	4,500 gal gas day	1500			YES
7-12-57	OH	12955	13010	1	5/8	30	1370		3015				20	YES

*Gas Out

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(SUBMIT TO APPROPRIATE DISTRICT OFFICE AS PER COMMISSION RULE 1106)

COMPANY Humble Oil & Refining Company Box 2347, Hobbs, N.M.
(ADDRESS)

LEASE South Four Lakes Unit I WELL NO. 5 UNIT C S 2 T 12-S R 36-S
DATE WORK PERFORMED 7-23, 7-26-57 POOL South Four Lakes Devonian

THIS IS A REPORT OF: (CHECK APPROPRIATE BLOCK) ☒ RESULTS OF TEST OF CASING SHUT-OFF
☐ BEGINNING DRILLING OPERATIONS ☐ REMEDIAL WORK
☐ PLUGGING ☒ OTHER plug back

DETAILED ACCOUNT OF WORK DONE, NATURE AND QUANTITY OF MATERIALS USED AND RESULTS OBTAINED.

Set cmt plug #1 from 13,010 to 12760' with 100 sks slo-set cmt.
Set cmt plug #2 from 11,600 to 11,400' with 80 sks slo-set cmt.
Set cmt plug #3 from 10,600 to 10,450 with 110 sks slo set cmt.
Mud laden fluid between plugs.
Faced cmt plug off to 10,456'.
Ran 10,445.19' of 5 1/2" csg set at 10,456'. Cmtd with 250 sks 12% gel plus 1/4" HR-7 per sk,
and 100 sks neat slo-set cmt. PUB 10:00 AM 7-25-57. Top of cmt at 8205' temp survey.
Tested csg with 1250' for 30 min.
No drop in pressure.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA:

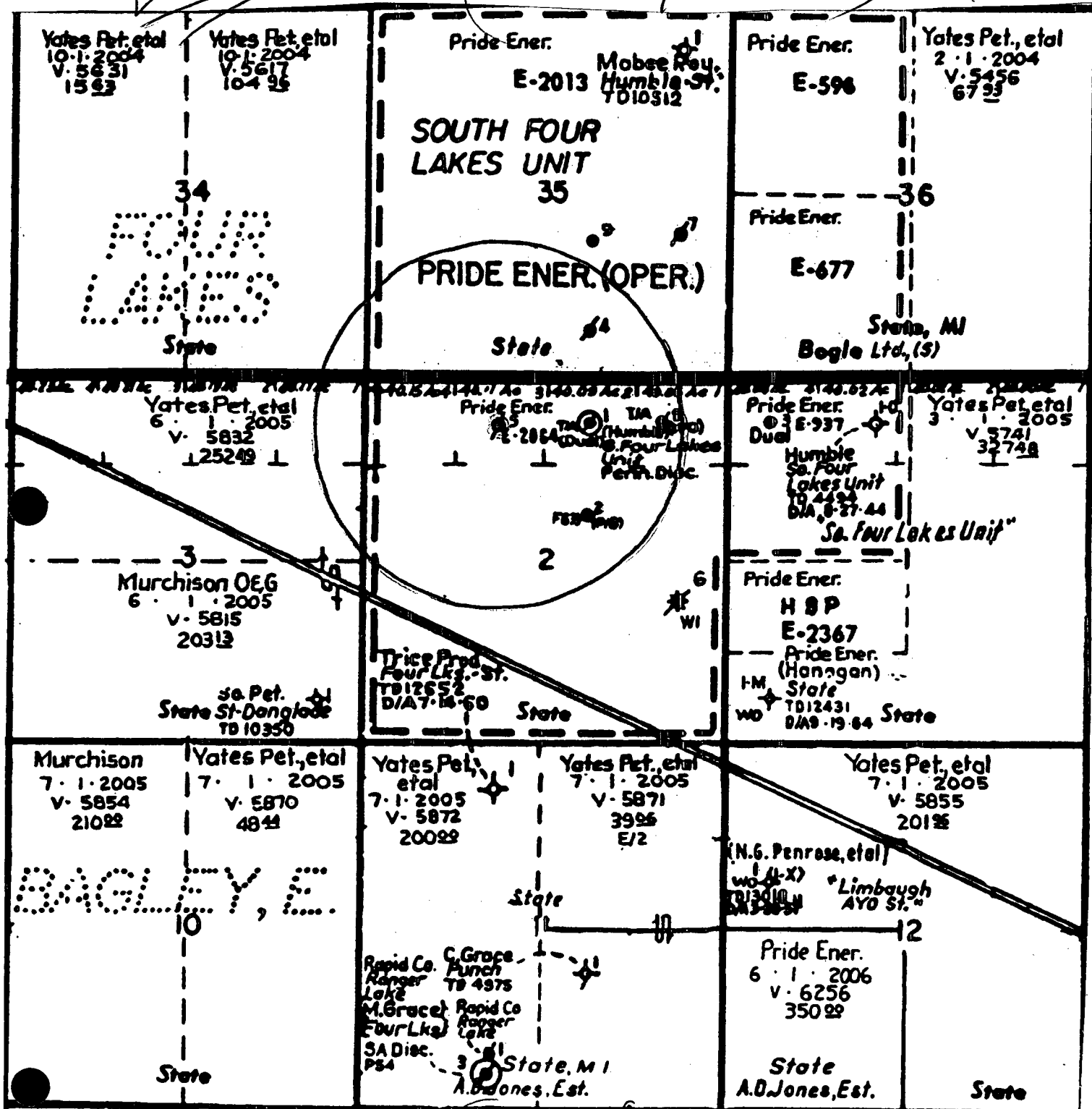
DE ELEV. _____ TD _____ PBD _____ PROD. INT. _____ COMPL. DATE _____
TBNG. DIA. _____ TBNG. DEPTH _____ OIL STRING DIA. _____ OIL STRING DEPTH _____
PERF INTERVAL(S) _____
OPEN HOLE INTERVAL _____ PROD'G FORMATION(S) _____

RESULTS OF WORKOVER	BEFORE	AFTER
DATE OF TEST	_____	_____
OIL PRODUCTION, BBL. PER DAY	_____	_____
GAS PRODUCTION, MCF PER DAY	_____	_____
WATER PRODUCTION, BBL. PER DAY	_____	_____
GAS-OIL RATIO, CU. FT. PER BBL.	_____	_____
GAS WELL POTENTIAL, MCF PER DAY	_____	_____
WITNESSED BY <u>R. E. King</u>	Humble Oil & Refining Company (COMPANY)	

OIL CONSERVATION COMMISSION	I HEREBY CERTIFY THAT THE INFORMATION GIVEN ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.
NAME <u>E. J. Walker</u>	NAME <u>R. E. King</u>
TITLE _____	POSITION <u>Agent</u>
DATE _____	COMPANY <u>Humble Oil & Refining Company</u>

See C-1

(125/34E)



(125/34E)

30-025-01833	SOUTH FOUR LAKES UNIT #005	PRE-ONGARD WELL OPERATOR	FIGINS	NS CB	1980 W	3	2 12S	34E	30-025-01833	214263	13010 C	S
API	WELL NAME	OPERATOR	FIGINS	NS CB	1980 W	3	2 12S	34E	30-025-01833	214263	13010 C	S
30-025-01831	SOUTH FOUR LAKES UNIT #001	PRIDE ENERGY COMPANY	660 N	1980 E	1980 E	2	2 12S	34E	1,320	151323	12222 B	S
30-025-01832	SOUTH FOUR LAKES UNIT #002	PRIDE ENERGY COMPANY	1980 N	1980 E	1980 E	G	2 12S	34E	1,867	151323	12924 G	S
30-025-01827	PRE-ONGARD WELL #004	PRIDE ENERGY COMPANY	660 S	1980 E	1980 E	O	35 11S	34E	1,867	214263	12893 O	S
30-025-36882	SOUTH FOUR LAKES UNIT #015	PRIDE ENERGY COMPANY	2380 N	2230 E	2230 E	G	2 12S	34E	2,026	151323	0 G	S
30-025-29533	SOUTH FOUR LAKES UNIT #008	PRIDE ENERGY COMPANY	660 N	990 E	990 E	I	2 12S	34E	2,310	151323	13000 A	S

30-025-01833	SOUTH FOUR LAKES UNIT #005	O	1900-01-01	1900-01-01	1900-01-01	EXXON CORP	SOUTH FOUR LAKES UNIT	PLUGGED
API	WELL NAME	WELL TYPE	STUDY DATE	PLUG DATE	FORMATION AND NOTES	STATUS		
30-025-01831	SOUTH FOUR LAKES UNIT #001	O	1955-11-05					T/A
30-025-01832	SOUTH FOUR LAKES UNIT #002	O	1956-05-17		PENN			ACTIVE
30-025-01827	PRE-ONGARD WELL #004	O	1900-01-01	1900-01-01	BRUCE A WILBANKS / SO FOUR LAKES UNIT			PLUGGED
30-025-36882	SOUTH FOUR LAKES UNIT #015	O			DEVONIAN / NEED NSL APPVL TO PRODUCE			
30-025-29533	SOUTH FOUR LAKES UNIT #008	G	1986-01-16		CONV TO SWD 5-3-05			ACTIVE

APL
Well

API	OPERATOR	PROPERTY NAME	#	LOCATION				TD
30-025-01831	✓ PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	✓ 1B	2 - T 12 S - R	34 E	660 FNL	1980 FEL	12222
30-025-01832	✓ PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	✓ 2G	2 - T 12 S - R	34 E	1980 FNL	1980 FEL	12924
30-025-01833	HUMBLE OIL & REFINING CO	SOUTH FOUR LAKES UNIT	5C	2 - T 12 S - R	34 E	660 FNL	1980 FWL	Proposed SWD
30-025-01834	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	✓ 6I	2 - T 12 S - R	34 E	1980 FSL	660 FEL	12870
30-025-29533	PRIDE ENERGY CO SWD-938A	SOUTH FOUR LAKES UNIT	✓ 8A	2 - T 12 S - R	34 E	660 FNL	990 FEL	12845
30-025-34670	PHILLIPS PETROLEUM CO	SOUTH FOUR LAKES UNIT	11F	2 - T 12 S - R	34 E	2200 FNL	2150 FWL	Abandoned Loc
30-025-31887	PHILLIPS PETROLEUM CO	SOUTH FOUR LAKES UNIT	10J	2 - T 12 S - R	34 E	2050 FSL	1980 FEL	Abandoned Loc
30-025-36882	✓ PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	15G	2 - T 12 S - R	34 E	2380 FNL	2230 FEL	APD
30-025-37248	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	16J	2 - T 12 S - R	34 E	1850 FSL	1980 FEL	APD
30-025-01827	✓ PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	✓ 4O	35 - T 11 S - R	34 E	660 FSL	1980 FEL	12893
30-025-31188	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	✓ 9J	35 - T 11 S - R	34 E	1980 FSL	1980 FEL	10551
30-025-31978	PHILLIPS PETROLEUM CO	SOUTH FOUR LAKES UNIT	12N	35 - T 11 S - R	34 E	1250 FSL	2450 FWL	Abandoned Loc

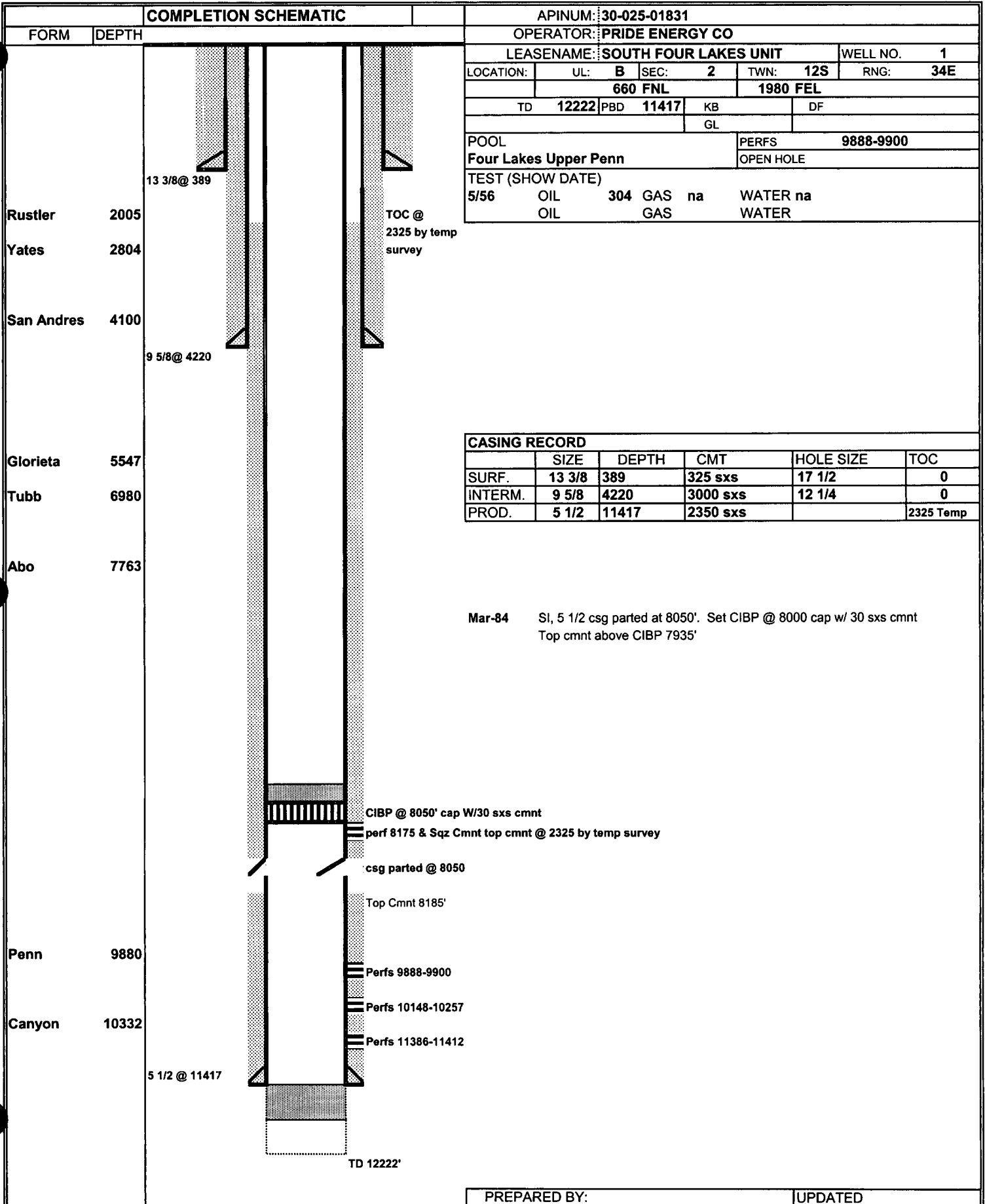
*** Wells within 1 mile radius of proposed SWD well.

1980 P 30 map

API	OPERATOR	PROPERTY NAME	#	LOCATION			TD
30-025-01829	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	3 D -	1 - T	12 S - R	34 E	660 FWL 12874
30-025-01830	HUMBLE OIL & REFINING CO	NEW MEXICO O STATE	1 C -	1 - T	12 S - R	34 E	660 FNL 1980 FWL 4994
30-025-20689	PRIDE ENERGY CO	STATE	1 M -	1 - T	12 S - R	34 E	660 FSL 660 FWL
30-025-36528	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	13 L -	1 - T	12 S - R	34 E	1830 FSL 735 FWL APD
30-025-01831	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	1 B -	2 - T	12 S - R	34 E	660 FNL 1980 FEL 12222
30-025-01832	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	2 G -	2 - T	12 S - R	34 E	1980 FNL 1980 FEL 12924
30-025-01833	HUMBLE OIL & REFINING CO	SOUTH FOUR LAKES UNIT	5 C -	2 - T	12 S - R	34 E	660 FNL 1980 FWL Proposed SWD
30-025-01834	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	6 I -	2 - T	12 S - R	34 E	1980 FSL 660 FEL 12870
30-025-29533	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	8 A -	2 - T	12 S - R	34 E	660 FNL 990 FEL 12845
30-025-31679	PHILLIPS PETROLEUM CO	SOUTH FOUR LAKES UNIT	11 F -	2 - T	12 S - R	34 E	2200 FNL 2150 FWL Abandoned Loc
30-025-31687	PHILLIPS PETROLEUM CO	SOUTH FOUR LAKES UNIT	10 J -	2 - T	12 S - R	34 E	2050 FSL 1980 FEL Abandoned Loc
30-025-36882	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	15 G -	2 - T	12 S - R	34 E	2380 FNL 2230 FEL APD
30-025-37248	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	16 J -	2 - T	12 S - R	34 E	1850 FSL 1980 FEL APD
30-025-01835	SOUTHERN PETROLEUM EXPLORATION INC	STATE OF NEW MEXICO G	1 P -	3 - T	12 S - R	34 E	660 FSL 660 FEL 10350
30-025-01827	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	4 O -	35 - T	11 S - R	34 E	660 FSL 1980 FEL 12893
30-025-01828	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	7 I -	35 - T	11 S - R	34 E	1980 FSL 660 FEL 10405
30-025-22338	MABEE ROYALTIES INC	HUMBLE STATE	1 A -	35 - T	11 S - R	34 E	660 FNL 660 FEL
30-025-31188	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	9 J -	35 - T	11 S - R	34 E	1980 FSL 1980 FEL 10551
30-025-31678	PHILLIPS PETROLEUM CO	SOUTH FOUR LAKES UNIT	12 N -	35 - T	11 S - R	34 E	1250 FSL 2450 FWL Abandoned Loc
30-025-36844	PRIDE ENERGY CO	SOUTH FOUR LAKES UNIT	14 I -	35 - T	11 S - R	34 E	1980 FSL 710 FEL APD

*** Wells within 1 mile radius of proposed SWD well.

WELLBORE SCHEMATIC AND HISTORY



PREPARED BY:	UPDATED
--------------	---------

COMPLETION SCHEMATIC

OPERATOR: PRIDE ENERGY CO

WELL NO.	2
----------	---

1980 FNL

1980

TD	12924	PBD
----	-------	-----

KB

4156

GL

PERFS	9840-9864
-------	-----------

OPEN HOLE

OIL

GAS

WATER

OIL

GAS

WATER

1993
2802

4100

5544

6972

7743

8954

9880

10332

11767
12363
12434

CASING RECORD

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13 3/8	326	325 sxs	17 1/2	0
INTERM.	9 5/8	4200	2300 sxs	12 1/4	0
PROD.	5 1/2	12924	1925 sxs	7 7/8	5125 Temp

CIBP @ 10350 cap w/ 10' cmnt

Perfs 12558-12567

CIBP @ 12610 cap w/ cmnt

Perfs 12632-12698**Perfs 12809-12899**

5 1/2@ 12924

TD 12924

PREPARED BY:

UPDATED

		COMPLETION SCHEMATIC		APINUM: 30-025-01827	
FORM	DEPTH	OPERATOR: PRIDE ENERGY CO			
		LEASENAME: SOUTH FOUR LAKES UNIT		WELL NO. 4	
		LOCATION:	UL: O SEC: 35 TWN: 11S	RNG: 34E	
		660 FSL		1980 FEL	
		TD 12893	PBD	KB 4144	DF
				GL	
		POOL Four Lakes Upper Penn		PERFS 9933-9951	
				OPEN HOLE	
		TEST (SHOW DATE)			
		OIL	GAS	WATER	
		OIL	GAS	WATER	
Rustler Yates	2007 2803	<p>The diagram shows a vertical well casing with various sections shaded to represent different geological formations or casing types. Perforations are indicated by horizontal lines with arrows pointing into the wellbore. Key depths and features are labeled along the right side of the diagram.</p>			
San Andres	4100				
Glorieta	5533				
Tubb	6970				
Abo	7756				
Wolfcamp	8990				
Penn	9880	Perfs 9884-9900 Perfs 9933-9951			
Canyon		CIBP @ 10110' cap W/ cmnt			
Miss	11967				
Woodford	12635				
Devonian	12680				
		Perfs 12710-12760 Top of plug @ 12775 Perfs 12780-12892			
		7@ 12893			
		TD 12893			

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13 3/8	394	400 sxs	17 1/2	0
INTERM.	9 5/8	4218	1600 sxs	12 1/4	0
PROD.	7	12893	2000 sxs	8 3/4	0

9/04 Re-entered P&A WELL

PREPARED BY:	UPDATED
--------------	---------

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13 3/8	394	400 sxs	17 1/2	0
INTERM.	9 5/8	4218	1600 sxs	12 1/4	0
PROD.	7	12893	2000 sxs	8 3/4	0

9/04 Re-entered P&A WELL

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-025-29533				
FORM	DEPTH	OPERATOR: PRIDE ENERGY CO				
		LEASENAME: SOUTH FOUR LAKES UNIT		WELL NO. 8		
		LOCATION:	UL: A	SEC: 2	TWN: 12S	RNG: 34E
		660 FNL		990 FEL		
		TD 12845	PBD	KB	DF	
				GL		
		POOL Four Lakes Upper Penn		PERFS 9902-11100 OPEN HOLE		
TEST (SHOW DATE)						
		OIL	GAS	WATER		
		OIL	GAS	WATER		
Rustler Yates	2036					
TOC 8 5/8 @ 3200						
San Andres	4112					
TOC 5 1/2 @ 3200						
8 5/8 @ 4170						
Glorieta	5570					
Tubb						
Abo						
Wolfcamp	8985					
Penn	9900					
Canyon	10332					
Miss Woodford	11913					
Devonian	12608					
		5 1/2 @ 12845				
		TD 12845				

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13 3/8	406	500 sxs	17 1/4	0
INTERM.	8 5/8	4170	1600 sxs	10 3/4	3200
PROD.	5 1/2	12845	2445 sxs	7 7/8	3800

SWD-938A

Penn A
 Penn C
 Penn / Devon

Perfs 9902-9910
 Perfs 10220-10236
 Perfs 11074-11100
 Perfs 12798-12808

PREPARED BY:

UPDATED

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-025-31188				
FORM	DEPTH	OPERATOR: PRIDE ENERGY CO				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Rustler Yates 2022 2914</p> <p>San Andres 4112</p> <p>Glorieta 5564</p> <p>Tubb 7008</p> <p>Abo 7738</p> <p>Wolfcamp 9102</p> <p>Penn C 9854 9903</p> <p>Canyon 10230</p> </div> <div style="width: 50%;"> <p>TOC @ 57' by TEMP</p> <p>TOC @ 5250 By Temp</p> <p>DV Tool @ 8488</p> <p>Perfs 10231-10303</p> <p>TD 10551</p> </div> </div>		LEASENAME: SOUTH FOUR LAKES UNIT		WELL NO. 9		
		LOCATION:	UL: J	SEC: 35	TWN: 11S	RNG: 34E
		1980 FSL		1980 FEL		
		TD 10551	PBD	KB	DF	
				GL		
POOL Four Lakes Upper Penn				PERFS 10231-10303		
TEST (SHOW DATE)				OPEN HOLE		
		OIL	GAS	WATER		
		OIL	GAS	WATER		

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13 3/8	415	700 sxs	17 1/2	0
INTERM.	8 5/8	4200	1250 sxs	11	57 temp
PROD.	5 1/2	10551	1320 sxs	7 7/8	5250 temp

DV Tool @ 8488 1st Stage no returns; 2nd Stage TOC @ 5250 by temp survey.

PREPARED BY:

UPDATED

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 Completion Report Well Production Report Well Collection Report

Clear Filter WATERFIS Map Help

(acre ft per annum)				(quarters are 1-NW 2-NE 3-SW 4-SE)				
DB File Mbr	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

17 May 1964
Chemist

Date 07/18/05



PHONE (325) 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: (505) 392-6949

Receiving Date: 08/15/05
Reporting Date: 08/18/05
Project Owner: PRIDE OIL
Project Name: PRIDE 4 LAKES UNIT
Project Location: NOT GIVEN

Sampling Date: 08/12/05
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: NF/AH

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO ₃ /L)
------------	-----------	--------------	--------------	--------------	-------------	-------------------------	--

ANALYSIS DATE:	08/15/05	08/15/05	08/15/05	08/15/05	08/15/05	08/15/05
H10085-1 FOUR LAKES #1	45	55	13	1.89	611	152
Quality Control	NR	46	54	5.24	1391	NR
True Value QC	NR	50	50	5.00	1413	NR
% Recovery	NR	92.0	108.0	105.0	98.4	NR
Relative Percent Difference	NR	1.0	1.6	5.6	4.9	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

	Cl ⁻ (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
--	---------------------------	---------------------------	---------------------------	----------------------------	--------------	---------------

ANALYSIS DATE:	08/15/05	08/15/05	08/15/05	08/15/05	08/15/05	08/17/05
H10085-1 FOUR LAKES #1	48	70	0	185	7.28	424
Quality Control	980	48.52	NR	985	7.01	NR
True Value QC	1000	50.00	NR	1000	7.00	NR
% Recovery	98.0	97.0	NR	98.5	100	NR
Relative Percent Difference	1.0	4.8	NR	0.9	0	1.1
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1

Amy Hill
Chemist

8/18/05
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.



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page of

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

+ Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

BARRELS OF LIQUID HYDROCARBON SHUT IN PRESSURE _____ LBS. Gravity 60.5

LENGTH OF TIME SHUT IN _____

PLEASE INDICATE BELOW FORMATION TOPS (In Conformance With Geographical Section Of State):

SOUTHEASTERN NEW MEXICO		NORTHWESTERN NEW MEXICO	
T. ANHY. 2035	T. DEVONIAN 12582	T. OJO ALAMO	
T. SALT 2140	T. SILURIAN	T. KIRTLAND-FRUITLAND	
B. SALT	T. MONTOYA	T. FARMINGTON	
T. YATES 2805	T. SIMPSON	T. PICTURED CLIFFS	
T. 7 RIVERS	T. McKEE	T. MENESEE	
T. QUEEN	T. ELLENBURGER	T. POINT LOOKOUT	
T. GRAYBURG	T. GR. WASH	T. MANCOS	
T. SAN ANDRES 4114	T. GRANITE	T. DAKOTA	
T. GLORIETA 5555	T.	T. MORRISON	
T. DRINKARD	T.	T. PENN	
T. TUBBS 6986	T.	T.	
T. ABO 7738	T.	T.	
T. PENN	T.	T.	
T. MISS 11953	T.	T.	

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	2035	2035	Redbeds				
2035	2140	105	Anhydrite				
2140	2805	665	Salt & anhydrite				
2805	4114	1309	Sand, shale & anhydrite				
4114	5555	1441	Dolomite & anhydrite				
5555	7745	2190	Dolomite, shale, sandstone, & anhydrite				
7745	8992	1247	Shale, anhydrite & dolomite				
8992	9700	708	Limestone, dolomite & shale				
9700	11350	1650	Limestone & shale				
11350	11953	603	Sandstone, shale & limestone				
11953	12496	543	Limestone & chert				
12496	12582	86	Shale & limestone				
12582	12870	288	Dolomite & chert				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I HEREBY SWEAR OR AFFIRM THAT THE INFORMATION GIVEN HERewith IS A COMPLETE AND CORRECT RECORD OF THE WELL AND ALL WORK DONE ON IT SO FAR AS CAN BE DETERMINED FROM AVAILABLE RECORDS.

April 30, 1959

COMPANY OR OPERATOR Humble Oil & Refining Company

ADDRESS Box 2347, Hobbs, New Mexico (DATE)

NAME E. R. ALWORTH

POSITION OR TITLE Agent

NOTICES

Pride Energy Co.
P.O. Box 701950
Tulsa, OK 74170-1950

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

7004 0750 0003 4816 3705

U.S. Postal Service™		CERTIFIED MAIL™ RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)			
For delivery information visit our website at www.usps.com			
OFFICIAL USE			
SANTA FE, NM 87504		UNIT ID: 0640	
Postage	\$ 1.29		Clerk: KMKCF9
Certified Fee	2.30		
Return Receipt Fee (Endorsement Required)	1.75		
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$ 5.34		
State Land Office			
Sent To			
P.O. Box 1148			
Santa Fe, NM 87504-1148			
PS Form 3800, June 2002		See Reverse for Instructions	

7004 0750 0003 4816 3712

U.S. Postal Service™		CERTIFIED MAIL™ RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)			
For delivery information visit our website at www.usps.com			
OFFICIAL USE			
DEMING, NM 88230		UNIT ID: 0640	
Postage	\$ 1.29		Clerk: KMKCR9
Certified Fee	2.30		
Return Receipt Fee (Endorsement Required)	1.75		
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$ 5.34		
Bogle Ltd. Co.			
Sent To			
Four Lakes Ranch			
P.O. Box 460			
Deming, NM 88230			
PS Form 3800, June 2002		See Reverse for Instructions	

7004 0750 0003 4816 3699

U.S. Postal Service™		CERTIFIED MAIL™ RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)			
For delivery information visit our website at www.usps.com			
OFFICIAL USE			
TULSA, OK 74170		UNIT ID: 0640	
Postage	\$ 1.29		Clerk: KMKCR9
Certified Fee	2.30		
Return Receipt Fee (Endorsement Required)	1.75		
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$ 5.34		
Pride Energy Co.			
Sent To			
P.O. Box 701950			
Tulsa, OK 74170-1950			
PS Form 3800, June 2002		See Reverse for Instructions	

**PRIDE ENERGY CO.
BOX 701950
TULSA, OK 74170-1950**

August 23, 2005

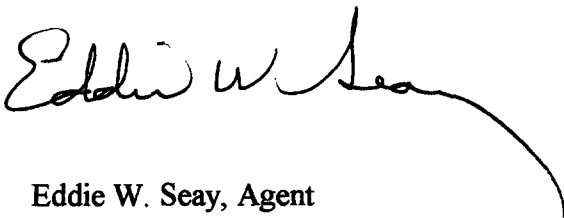
RE: South Four Lakes #5
Unit C, Sect. 2, Tws. 12 S., Rng. 34 E.

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, appearing to read "Eddie W. Seay", with a long, sweeping underline that extends to the right.

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

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 an injection well. The well being applied for is the South Four Lakes Well #5, located in Unit Letter C, 660/N 1980/W, in Section 2, Township 12 S., Range 34 E., Lea Co., NM. The injection formation will be the Penn A and Penn C from 9936' to 10315'. 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.

Affidavit of Publication

STATE OF NEW MEXICO)

) ss.

COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON DAILY LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of August 17, 2005 and ending with the issue of August 17, 2005.

And that the cost of publishing said notice is the sum of \$18.77 which sum has been (Paid) as Court Costs.

Joyce Clemens

Subscribed and sworn to before me this 29th day of August 2005.

Debbie Schilling

Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2006

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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. Published in the Lovington Daily Leader August 17, 2005.