

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 PO Box 701950, Tulsa, OK 74170-1950		151323 BGRID Number
Property Code 37145		30-025- API Number 38878 Well No.
Property Name Saunders "33" State		
Proposed Pool 1 Saunders; Permo Upper Penn		Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1.	33	14S	33E	L	1980	South	660	West	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
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Additional Well Information

Work Type Code New Well	Well Type Code Oil	Cable Rotary Rotary	Lease Type Code State	Ground Level Elevation 4218
Multiple No	Proposed Depth 10,100	Formation Penn	Contractor unknown	Spud Date ASAP
Depth to Groundwater approx. 163'		Distance from nearest fresh water well Approx. 2,310'		Distance from nearest surface water Greater than one-half mile
Pit: Liner: Synthetic ☐ mls thick Clay ☐		Pit Volume: _____ bbls		
Closed-Loop System ☒		Drilling Method: Fresh Water ☐ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐		

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5	13.375	54.50#	304'	350	0
11.0	8.625	32#	4170'	1200	0
7.875	5.50	17#	10,100'	1340	4,000
				(in 2 stages)	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Approximately 304' of surface casing will be set and cemented to surface. Approximately 4170' of 8 5/8" casing will be run and cemented to surface with approximately 1,200 sacks of cement. If warranted after logs evaluated, approximately 10,100' of 5 1/2" casing will be run and cemented with approximately 1,340 sacks of cement, estimated TOC at 4,000.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC'D guidelines ☒ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .		OIL CONSERVATION DIVISION	
Printed name: John W. Pride		Approved by: <i>Chris Williams</i>	
Title: Pres. Of Pride Oil & Gas Co., Inc. as Gen. Partner of Pride Energy Company		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: jolnp@pride-energy.com		Approval Date: APR 30 2008	
Date: 4/23/08		Expiration Date	
Phone: (918) 524-9200		Conditions of Approval Attached ☐	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
611 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-38878	Pool Code 55120	Pool Name Saunders; Permo Upper Penn
Property Code 37145	Property Name SAUNDERS "33" STATE	Well Number 1
GRID No. 15/323	Operator Name PRIDE ENERGY COMPANY	Elevation 4218'

Surface Location

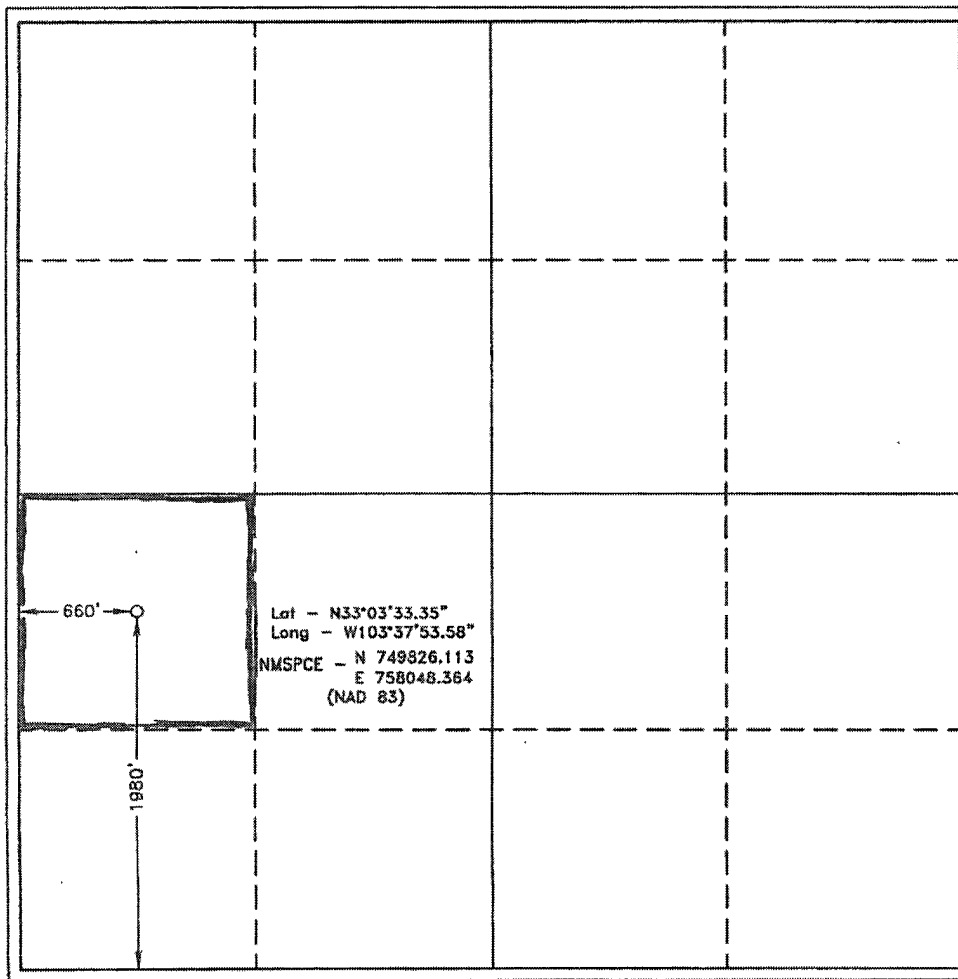
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	14 S	33 E		1980	SOUTH	660	WEST	LEA

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.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>John W. Pride</i> Signature John W. Pride Printed Name <i>Pres. of Pride Oil & Gas Co. Inc. as G.P. of Pride Energy Company</i> Title 4/23/08 Date	
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. April 25, 2008 Date Surveyed <i>[Signature]</i> Signature & Seal of Professional Surveyor W. No. 1962 Certificate No. Gary E. Jones 7977 Certificate No. Basin Surveys	

Proposed Completion

KB: 4236.0'

DF: 0.0'

GL: 4218.0'

Datum: 18.0' above GL

Saunders 33 State #1

John Pride 4/23/08

API # 30-025-

1980' FSL & 660' FWL

Sec 33-T14S-R33E

Lea Co., NM

in Unit Letter L

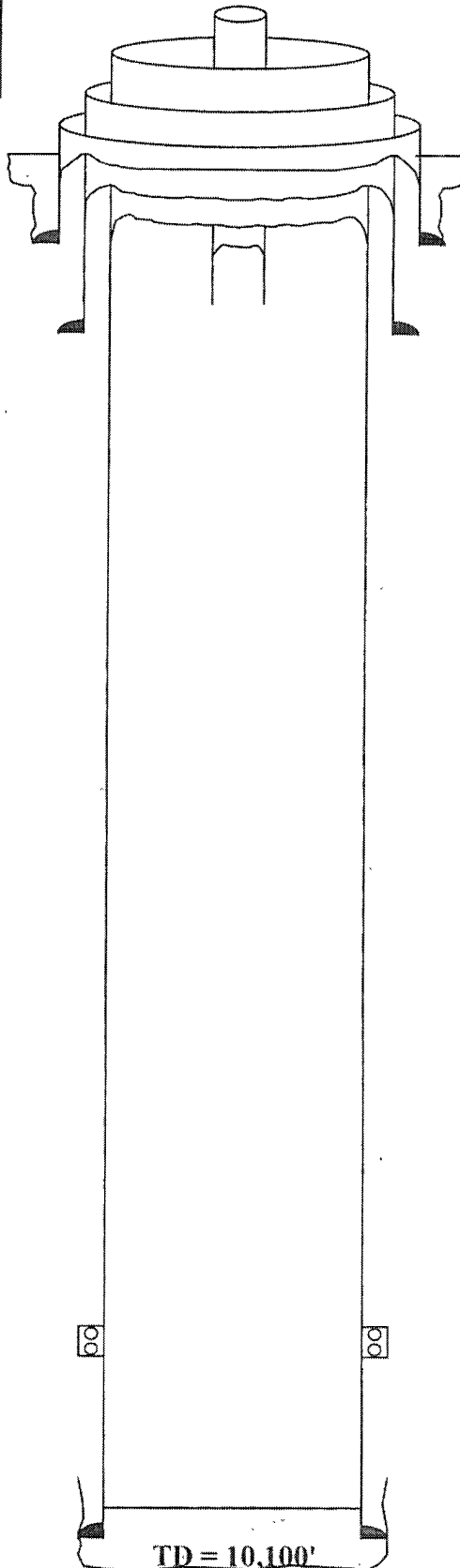
13 3/8" 54.5# at 304'

in 17 1/2" hole, cmt w/ 350 sx

TOC (@ surface

8 5/8", 32#, 4,170' in 11" hole,
cmt w/ 768 sx

TOC (@ surface



DV Tool (@ 7,500'
Cmt w/ 570 sx in Stage 2
(lift cmt up to 4,000')

Proposed perfs in Penn.
TBD

5 1/2", 17#, 10,100' in 7 7/8"
hole, cmt w/ 770 sx in stage 1

TD = 10,100'

Pride Energy Company
 Procedure
 Saunders "33" State #1
 Unit L, Section 33-T14S-R33E
 1980' fsl & 660' fwl
 (in NW ¼ of SW ¼)
 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

April 22, 2008

Project: Drill well to 10,100' and test the Upper Permo Penn

String	Diameter'	Weight	Depth
Surface Casing	13-3/8"	54.50 ppf	304'
Intermediate Casing	8-5/8"	32 ppf	4,170'
Production Casing	5-1/2"	17 ppf	10,100'

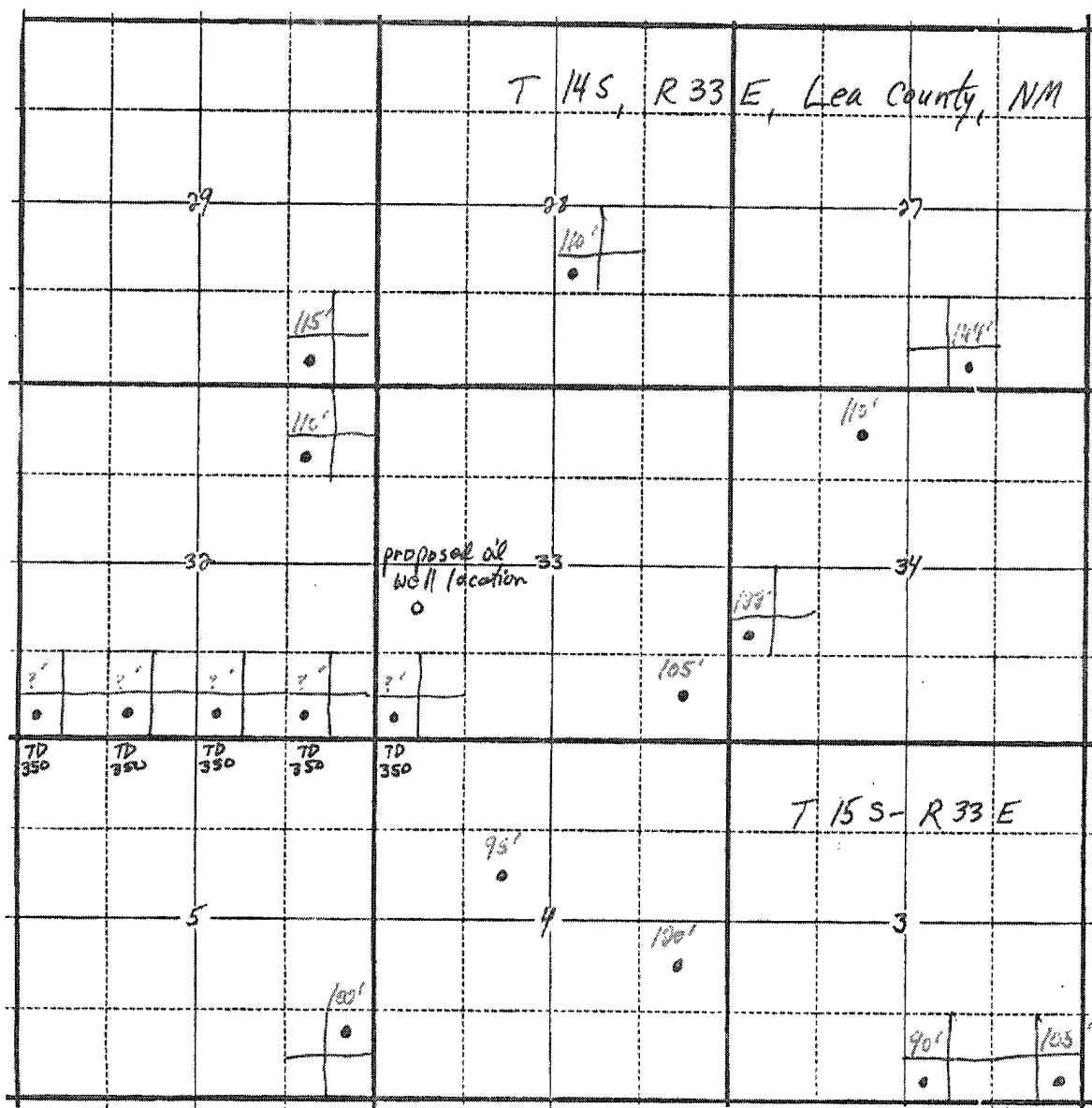
Procedure

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 304'.
4. Run 13½" casing to 304' & cement w/ 350 sx cmt.
5. Run a 11" rock bit and drill to 4170'.
6. Run 8½" casing to 4170' and cement in w/ 1,200 sx cmt. Cure cmt to surface.
7. Run a 7½" bit and drill to 10,100'.
8. Condition the mud. Run laterolog, gamma-ray, neutron, density logs.
9. Run 10,100' of 17# 5½", N-80, 8rd, LT&C casing.
10. Cement to above 4000', flush with 2% KCl water. Rig-down and clean the location.
11. Run a GR-CBL.
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 _____ of 2¼" or 2½" N-80 tubing, a rod string and downhole pump.
16. Move in pumping unit.
17. Production Test.

Saunders "33 State #1
L-33-14S-33E, Lea County, NM

Depth to Groundwater and
Distance from nearest fresh water well Plat

Average of 110', 105' and 95', the three nearest water wells
is 103.3'. See attached POD Reports.



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

Township: 14S Range: 33E Sections: 27,28,29,32,33,34

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

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

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

WATER COLUMN REPORT 04/25/2008

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water (in feet) Column
L 04281 APPRO	14S	33E	27	4	3	4				160	144	16
L 04281	14S	33E	27	4	3	4				160	144	16
L 02419 APPRO	14S	33E	28	4	1	3				170	110	60
L 02419	14S	33E	28	4	1	3				170	110	60
L 04051 APPRO	14S	33E	29	4	4	3				175	115	60
L 04051	14S	33E	29	4	4	3				175	115	60
L 08414	14S	33E	32	2	2	3				185	110	75
L 07321 S-7	14S	33E	32	3	3	3				350		
L 07321 S-4	14S	33E	32	3	4	3				350		
L 07321 S-2	14S	33E	32	4	3	3				350		
L 07321 S-5	14S	33E	32	4	4	3				350		
L 07321 S-6	14S	33E	33	3	3	3				350		
L 01660 APPRO	14S	33E	33	4	4					166		
L 03788	14S	33E	34	1	2					177	110	67
L 03788 APPRO	14S	33E	34	1	2					177	110	67
L 03857 APPRO	14S	33E	34	3	1	3				180	122	58
L 03857	14S	33E	34	3	1	3				180	122	58

Record Count: 17

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

Township: 15S Range: 33E Sections: 3,4,5

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

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

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

WATER COLUMN REPORT 04/25/2008

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water (in feet) Column
L 06584 (E)	15S	33E	01	1	1	1				170	90	80
L 09728	15S	33E	02	2	3	3				190	110	80
L 09698	15S	33E	02	3	1	3				183	95	88
L 03870 DCL	15S	33E	03	2	1	1				160		
L 03428 APPRO	15S	33E	03	4	3	3				163	90	73
L 03428	15S	33E	03	4	3	3				163	90	73
L 09688	15S	33E	03	4	4	4				188	105	83
L 05275	15S	33E	04	1	4					140	95	45
L 01865	15S	33E	04	3	4	3				165		
L 01865 APPRO	15S	33E	04	3	4	3				165		
L 08237	15S	33E	04	4	2					225	120	105
L 10224	15S	33E	05	4	4	2				200	100	100
L 10310	15S	33E	07	2	4	2				268	130	138
L 10976	15S	33E	09	2	3					150		
L 01643 APPRO	15S	33E	09	4	4					185	100	60
L 06519	15S	33E	10	3	2					151	45	105
L 09159	15S	33E	11	1	1	3				178	102	76
L 08215	15S	33E	12	4	3					180	90	90
L 10975	15S	33E	17	2	1					150		
L 06482	15S	33E	18	1	2					273	130	143
L 01970 APPRO	15S	33E	20	2	2					203	125	78
L 05552	15S	33E	22	2	4					179	105	74
L 06068	15S	33E	22	3	3					152	117	35
L 09224	15S	33E	23	2	1					154	105	49
L 06542 (E)	15S	33E	28	3	3	3				222	124	98
L 06610 (E)	15S	33E	30	4	2	2				233	160	73
L 03967	15S	33E	31	3	4	4				320	171	149
L 09570	15S	33E	32	1	2					250	140	104
L 09256	15S	33E	33	4	1	2				237	112	125
L 09256 CLW	15S	33E	33	4	2					237	125	112
L 09972	15S	33E	35	4	3	3				202	88	114
L 11798	15S	33E	36	2	2	2				250		

Record Count: 32

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

Township: 14S Range: 33E Sections:

NAD27 X: Y: Zone: Search Radius:

County: LE Basin: Number: Suffix:

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

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 04/25/2008

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	14S	33E	01				2	80	165	123
L	14S	33E	02				2	100	100	100
L	14S	33E	03				3	85	110	102
L	14S	33E	04				1	130	130	130
L	14S	33E	05				1	125	125	125
L	14S	33E	06				3	130	135	133
L	14S	33E	07				1	144	144	144
L	14S	33E	08				1	120	120	120
L	14S	33E	09				1	110	110	110
L	14S	33E	10				1	110	110	110
L	14S	33E	11				1	90	90	90
L	14S	33E	13				1	80	80	80
L	14S	33E	14				2	100	100	100
L	14S	33E	16				3	105	110	108
L	14S	33E	17				2	110	130	120
L	14S	33E	19				1	158	158	158
L	14S	33E	22				3	80	95	85
L	14S	33E	23				2	58	100	79
L	14S	33E	26				2	125	125	125
L	14S	33E	27				2	144	144	144
L	14S	33E	28				2	110	110	110
L	14S	33E	29				2	115	115	115
L	14S	33E	32				1	110	110	110
L	14S	33E	34				4	110	122	116
L	14S	33E	35				3	105	130	113

Record Count: 47

[illegible]

NAD27 X: Y: Zone: ϕ : Search Radius:

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

Avg Depth to Water Report

[Clear Form](#)

iWATERS Menu

Help

(Depth Water in Feet)

Record Count: 26

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 05275	15S	33E	04	1	4				

Driller Licence: 322 BACKUS, GRADY

Driller Name:

Source: Shallow

Drill Start Date:

Drill Finish Date:

Log File Date: 05/11/1965

PCW Received Date:

Pump Type:

Pipe Discharge Size:

Casing Size:

Estimated Yield:

Depth Well: 140

Depth Water: 95

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 07321 S-2	14S	33E	32	4	3	3			

Driller Licence:

Driller Name: NEW MEXICO LICENSE DRILLER	Source:
Drill Start Date:	Drill Finish Date:
Log File Date:	PCW Received Date:
Pump Type:	Pipe Discharge Size:
Casing Size: 12	Estimated Yield:
Depth Well: 350	Depth Water:

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 07321 S-5	14S	33E	32	4	4	3			

Driller Licence:

Driller Name: NEW MEXICO LICENSE DRILLER	Source:
Drill Start Date:	Drill Finish Date:
Log File Date:	PCW Received Date:
Pump Type:	Pipe Discharge Size:
Casing Size: 12	Estimated Yield:
Depth Well: 350	Depth Water:

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 08414	14S	33E	32	2	2	3			

Driller Licence: 46 ABBOTT BROTHERS COMPANY

Driller Name:

Source: Shallow

Drill Start Date: 01/13/1981

Drill Finish Date: 01/17/1981

Log File Date: 02/06/1981

PCW Received Date:

Pump Type:

Pipe Discharge Size:

Casing Size:

Estimated Yield:

Depth Well: 185

Depth Water: 110

New Mexico Office of the State Engineer
Point of Diversion Summary

Back

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
L 01660 APPRO	14S	33E	33	4	4				

Driller Licence: 99 O.R. MUSSELWHITE WATER WELL SE

Driller Name: MUSSELWHITE, O.R.

Source: Shallow

Drill Start Date: 11/06/1952

Drill Finish Date: 11/08/1952

Log File Date: 11/13/1952

PCW Received Date: 03/26/1953

Pump Type: TURBIN

Pipe Discharge Size:

Casing Size: 7

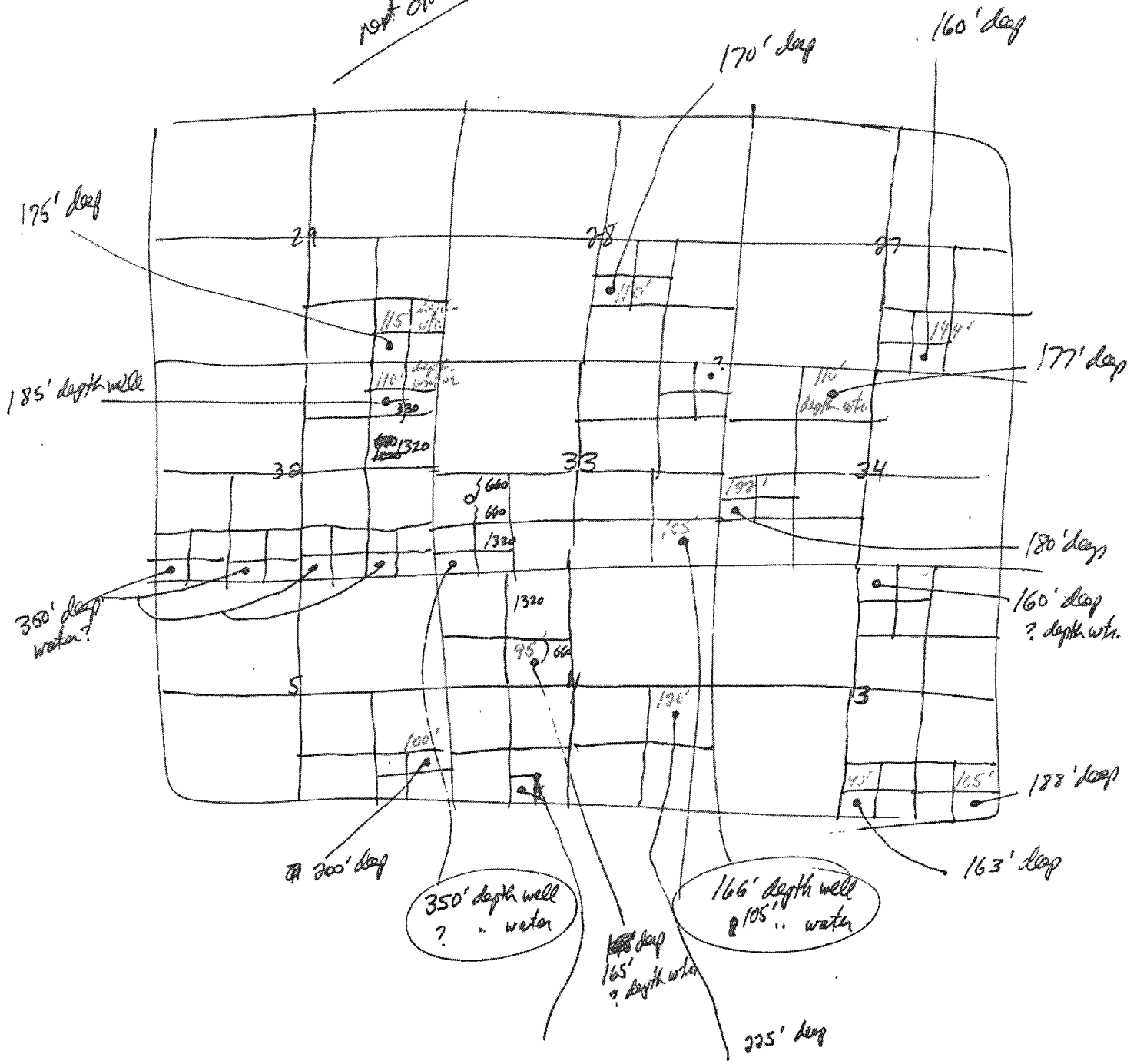
Estimated Yield:

Depth Well: 166

Depth Water:

Water Bearing Stratifications:	Top	Bottom	Description
	105	166	Sandstone/Gravel/Conglomerate
Casing Perforations:	Top	Bottom	
	104	166	

approx $2310'$ to NW
 rest of land = $3,960'$ to SE



Mull, Donna, EMNRD

From: Altomare, Mikal, EMNRD
To: Mull, Donna, EMNRD
Cc: Phillips, Dorothy, EMNRD
Subject: FW: Pride Energy OGRID 151323
Attachments:

Sent: Wed 4/30/2008 2:14 PM

Donna - given that the bonding for Pride Energy has been approved/entered into the system by Dorothy (see her email below) and should post when the system updates tonight, go ahead and approve the pending applications that were being held up by the outstanding bonds if that is the only thing holding them up.

Let me know if any questions come up!

Mikal



Mikal M. Altomare

Assistant General Counsel

Oil Conservation Division

Energy, Minerals & Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

Tel 505.476.3480 ~ Fax 505.476.3462

mikal.altomare@state.nm.us

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From: Phillips, Dorothy, EMNRD
Sent: Wednesday, April 30, 2008 1:37 PM
To: Altomare, Mikal, EMNRD

Subject: Pride Energy OGRID 151323

Mikal, I just approved the additional bonding required for Price Energy and have entered them into ONGARD so they are now in compliance. Donna is holding an API or something waiting for you to give the okay. Will you let her know. Thanks