

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Pure Resources, L. P. 500 W. Illinois Midland, Texas 79701		² OGRID Number 150628
³ Property Code 26764		⁴ API Number 30-015-06663
⁵ Property Name State "DC"		⁶ Well No. 1
⁹ Proposed Pool 1 Penrose Skelly; Grayburg (50350)		¹⁰ Proposed Pool 2 Wildcat; San Andres

7 Surface Location

UL or lot no. F	Section 19	Township 21S	Range 37E	Lot Idn	Feet from the 1,980	North/South line North	Feet from the 1876	East/West line West	County LEA
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8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code P and A	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,506' GR
¹⁶ Multiple Yes	¹⁷ Proposed Depth 4,000'	¹⁸ Formation Grayburg	¹⁹ Contractor Pool Well Service	²⁰ Spud Date 01/14/2005
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: NA-Workover Rig—No Drilling.				
Closed-Loop System <input type="checkbox"/> NA-Steel Tanks will be utilized w/spill containment device on BOP. Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
20"	16"	48#	295'	450sx	Surface
13-3/4"	10-3/4" & 13-3/8"	40.5# J-55	2,565'	1,720sx	Circ. 200sx to Surface
9-7/8"	4 2-7/8" Csg. strings	15.5# J-55	2 @ 6694', 6692', 5317'	Cmt'd all w/1850sx	TOC @ 3,120'

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.

This well is a multicompleted wellbore with four 2-7/8" csg strings cemented in 9-7/8" hole. Attached is a wellbore schematic that gives the current wellbore construction/configuration of each 2-7/8" csg. string. String #1 is set @ 6694' & produced the Blinberry zn thru perms f/5604'-5901'. This string also has a CIBP which has been milled on & pushed down to 6340'. We plan to PB this string to 3120' & abandon the Blinberry zn by placing a cmt plug or plugs to cover from 100' below to 100' above the existing Blinberry perms, tag plug(s), then place another cmt plug f/4000'-3120' to insure good coverage & a good 100' + plug whose top will be at approx. 3120'. String #2 is set @ 6692' & produced the Drinkard zn thru perms f/6635'-59'. It currently has a CIBP @ 5580'. We've just milled out a CIBP that was set @ 4210'. We plan to PB this string, abandoning the Drinkard zn, by dumping 20' of cmt on top of the CIBP @ 5580', tag top of cmt, set another CIBP @ 4210', then re-complete in the San Andres zn f/ 3880'-3956'. String #3 is set @ 5317' & produced the Grayburg zn thru perms f/3781'-3827'. It is currently cleaned out to 5200' & fell out, did not tag. We plan to set a CIBP @ 3761', just above the existing Grayburg perms, then test CIBP, perf & re-complete in the upper Grayburg zn. String #4 is set @ 6694' & produced the Paddock zn thru perms f/5177'-84'. This string currently has a pump stuck @ 3275' which cannot be retrieved. We plan to bullhead enough cement down past the stuck pump to cement this string, hopefully, from the existing perms up to 100' above the stuck pump or approx. 3120' (or attempt a plug f/5184'-3120') thus abandoning the Paddock zn. Ultimately, we propose to have this well multi-completed in the San Andres in String #2 and the Grayburg in String #3. These plans in this request have been discussed over the phone with Mr. Paul Kautz on 3/2/2005. Please also see attached "Proposed" wellbore schematic.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Alan W. Bohling

Title: Regulatory Agent

E-mail Address: abohling@pureresources.com

Date: 03/03/2005

Phone: (432) 498-8662

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

STATE DC #1

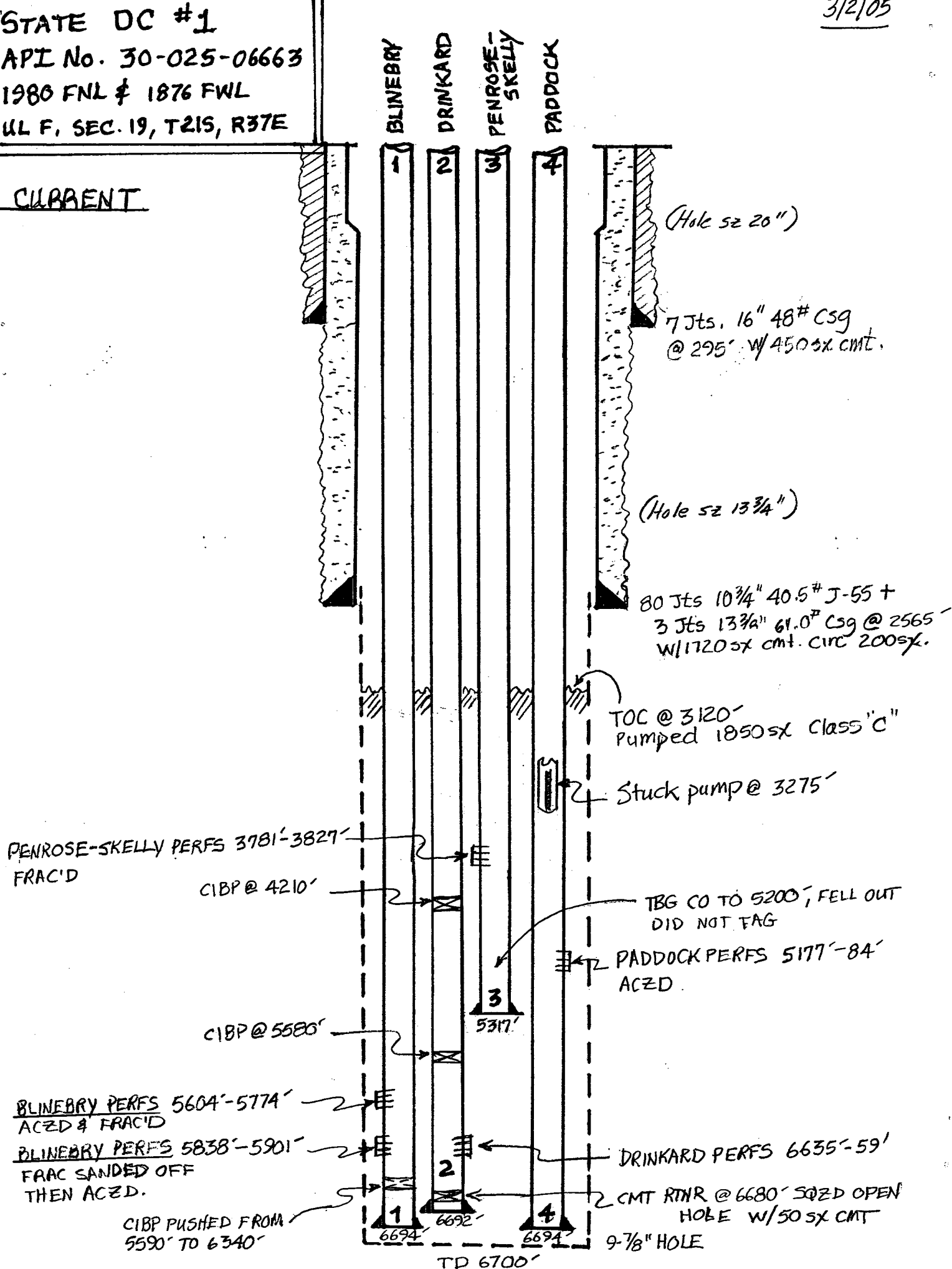
API No. 30-025-06663

1986 FNL & 1876 FWL

UL F, SEC. 19, T21S, R37E

3/2/05

CURRENT



STATE DC #1

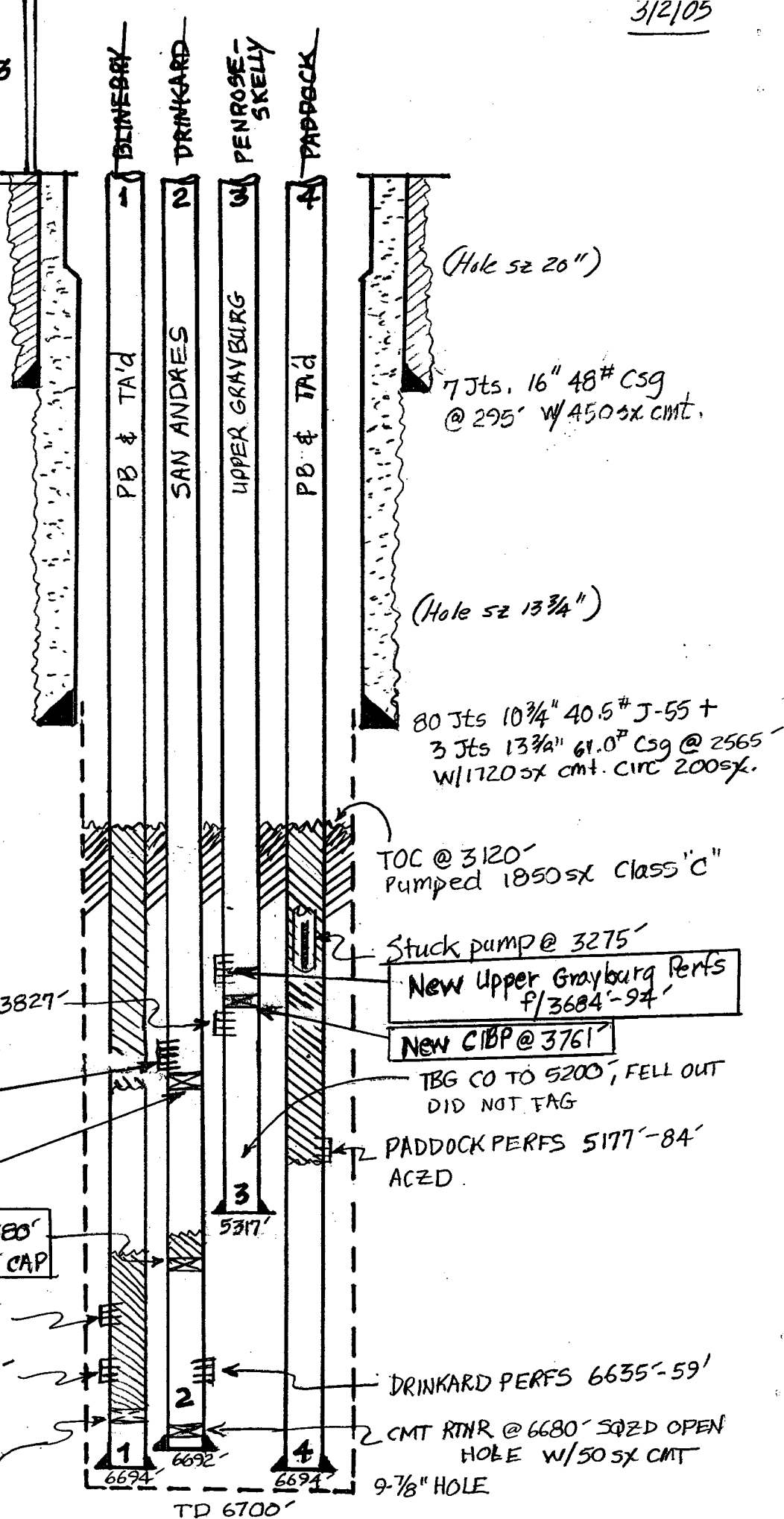
API No. 30-025-06663

1980 FNL & 1876 FWL

UL F, SEC. 19, T21S, R37E

3/2/05

PROPOSED



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OIL CONSERVATION DIVISION
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Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ APL Number 30-015-06663	² Pool Code 50350	³ Pool Name Penrose Skelly; Grayburg
⁴ Property Code 26764	⁵ Property Name State "DC"	⁶ Well Number 1
⁷ OGRID No. 150628	⁸ Operator Name Pure Resources, L. P.	⁹ Elevation 3,506' GR

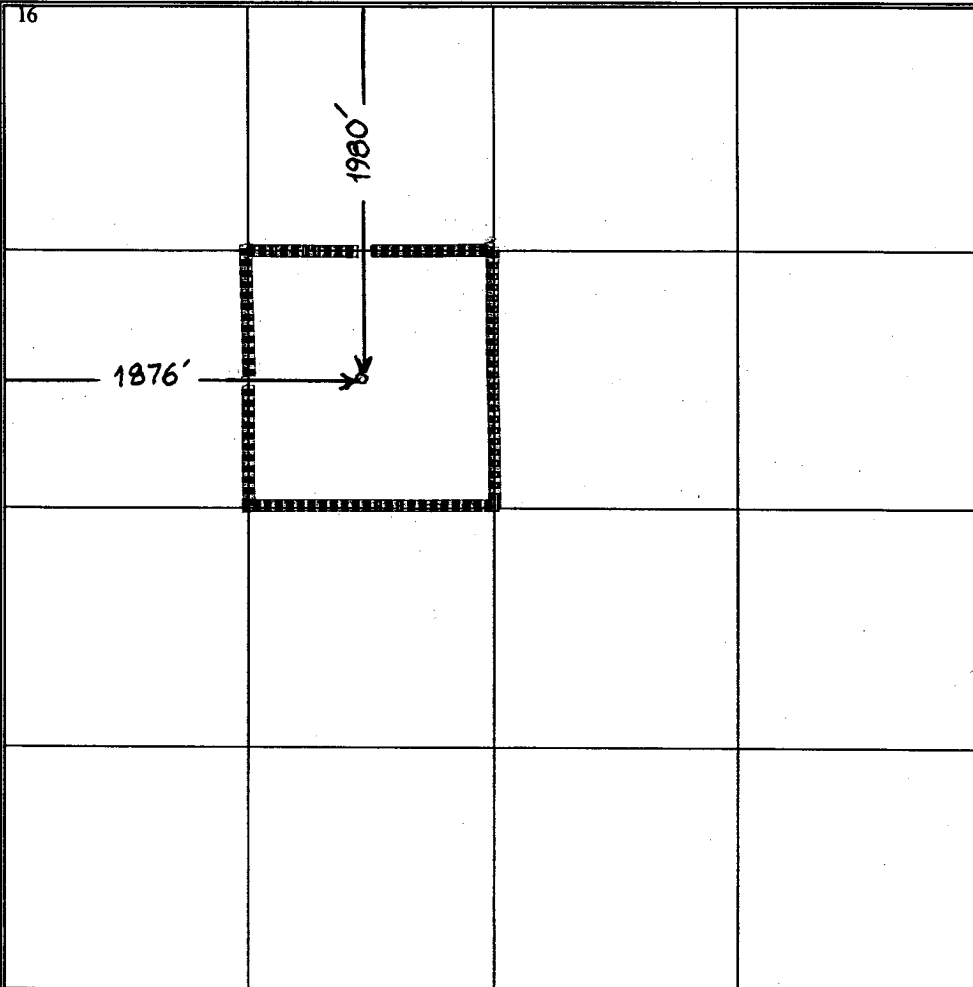
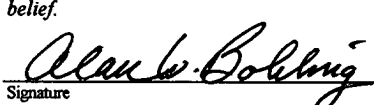
¹⁰ Surface Location

UL or lot no. F	Section 19	Township 21S	Range 37E	Lot Idn	Feet from the 1,980	North/South line North	Feet from the 1,876	East/West line West	County LEA
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¹¹ 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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Alan W. Bohling Printed Name Regulatory Agent abohling@pureresources.com Title and E-mail Address 03/03/2005 Date
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ APL Number 30-015-06663	² Pool Code	³ Pool Name Wildcat; San Andres
⁴ Property Code 26764	⁵ Property Name State "DC"	
⁷ OGRID No. 150628	⁸ Operator Name Pure Resources, L. P.	
		⁶ Well Number 1
		⁹ Elevation 3,506' GR

¹⁰ Surface Location

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	Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number