

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 RSC Resources Limited Partnership 6824 Island Cr. Midland, TX 79707		² OGRID Number 245801
		³ API Number 30-005-60787
⁴ Property Code 36293	⁵ Property Name State JA	⁶ Well No. 1
⁹ Proposed Pool 1 Lost Lake; Strawn (Gas)		¹⁰ 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
F	36	8S	29E		1980	N	1980	W	Chaves

Proposed Bottom Hole Location If Different From Surface

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

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4074'
¹⁶ Multiple	¹⁷ Proposed Depth 8600'	¹⁸ Formation STRAWN	¹⁹ Contractor UNKNOWN	²⁰ Spud Date 3/1/07
Depth to Groundwater 60'-200'		Distance from nearest fresh water well > 1000'		Distance from nearest surface water 1000'
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13.375"	48#	315'	350	CIRC
12.25"	9.625"	36#	2593'	1950	CIRC
8.75"	5.5"	17# 15.5#	9300'	2970	6' *

- 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.
- 23 REENTER WELLBORE PLUGGED BY SOUTHWEST ROYALTIES IN JULY, 2006. WASH/DRILL OUT PLUGS TO 8410' W/ CUT BRINE. DRILL UP CIBP @ 8410'. TEST AND STIMULATE STRAWN INTERVAL FROM 8442'-76'.
- 24 A 2000 PSI BLOW OUT PREVENTOR WILL BE USED, PRESSURE TEST WILL BE CONDUCTED BEFORE DRILLING OUT BELOW THE SQUEEZE PERFS AT 1332' IN THE 5.5" CASING.
- 25
- 26 * 5.5" CSG PERFED AND CMT BROUGHT TO 6' DURING P&A. NO CASING WAS PULLED.

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 NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: *RR Cate*

Printed name: RANDALL CATE

Title: PRESIDENT

E-mail Address: RSC.E.P@SBCGLOBAL.NET

Date: 1/19/07

Phone: 432-553-1849

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

DISTRICT II GEOLOGIST

Title:

Approval Date: JAN 24 2007

Expiration Date: JAN 24 2008

Conditions of Approval Attached ☐

District I

1625 N. French Dr., Hobbs, NM 88240

District II

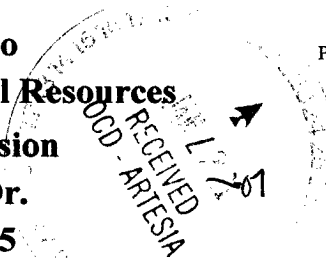
1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico**Energy, Minerals and Natural Resources****Oil Conservation Division****1220 S. St Francis Dr.****Santa Fe, NM 87505**Form C-102
Permit 45276**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number	2. Pool Code 80693	3. Pool Name LOST LAKE;STRAWN (GAS)
4. Property Code	5. Property Name STATE JA	6. Well No. 001
7. OGRID No. 245801	8. Operator Name RSC RESOURCES LIMITED PARTNERSHIP	9. Elevation 4074

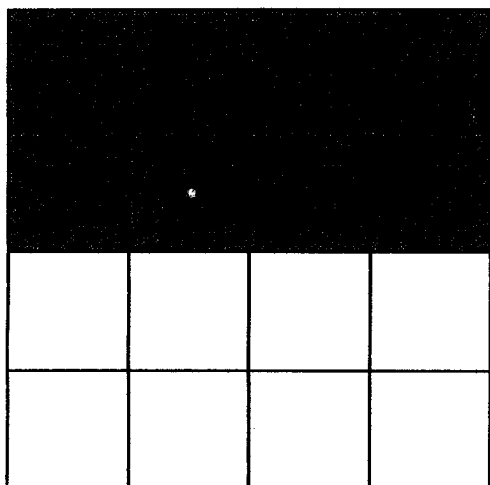
10. Surface Location

UL - Lot F	Section 36	Township 08S	Range 29E	Lot Idn	Feet From 1980	N/S Line N	Feet From 1980	E/W Line W	County CHAVES
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		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

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Title: **PRESIDENT**Date: **1/19/07****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.

Surveyed By: **John West**Date of Survey: **9/30/1980**Certificate Number: **676**

**N MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-4-65

All distances must be from the outer boundaries of the Section

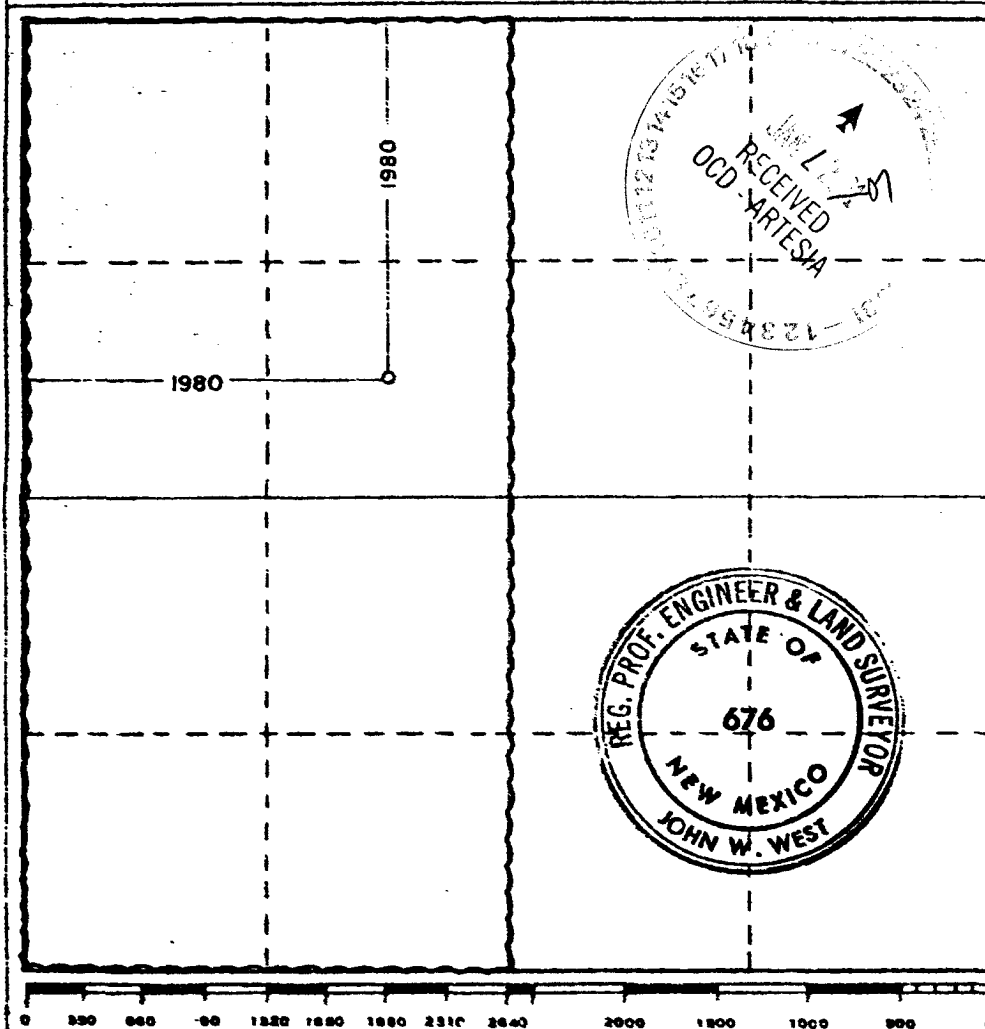
Operator Amoco Prod. Co.			Lease State JA		Well No. 1
Unit Letter F	Section 36	Township 8 South	Range 29 East	County Chaves	
Actual Footage Location of Well:					
1980 feet from the north line and		1980 feet from the west line			
Ground Level Elev. 4070.4	Producing Formation Strawn	Pool Wildcat Strawn	Dedicated Acreage: 1/2 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name **Greg Mitchell**
Position **Admin. Analyst**

Company
Amoco Production Company

Date
8-20-81

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 knowledge and belief.

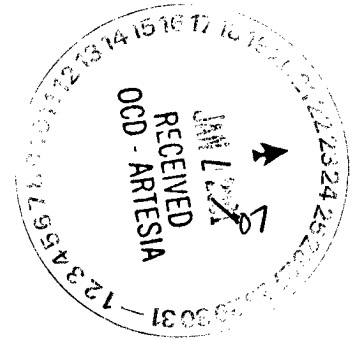
Date Surveyed
9-30-80

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6888
Ronald J. Eldon 3239

RSC RESOURCES, L.P.
6824 Island Cr.
Midland TX 79707
432-553-1849

1/19/07



TO: New Mexico Oil Conservation Division
1301 W. Grand Avenue
Artesia, NM 88210

Attn: Bryan Arrant

Re: H2S Contingency Plan
APD; State JA 1 (API 30005-60787)
1980' FNL & 1980' FWL
N/2 Section 36-T8S-R29E
Chaves County, NM

Dear Bryan,

RSC plans to reenter the abandoned subject well and clean out to test the previously producing Strawn perforations. Since the entire operation is inside existing casing and the Strawn gas is sweet, RSC believes there is no need for an H2S contingency plan.

Thanks for your consideration. You may contact me at 432-553-1849 if you wish.

Randall Cate
RSC Resources Limited Partnership

RSC Resources Limited Partnership

Proposed Well Bore Schematic After Reentry

State JA 1
Lost Lake; Strawn(Gas)
Unit F, Section 36-8-29

1/19/07

Chaves Co., NM

GL ELEVATION 4074'

13³/₈" 48# K-40 CSA 315'
CMT W/350 SXS. CIRC.
17¹/₂" HOLE

9⁵/₈" 36# K-55 CSA 2593'
CMT W/1950 SXS. CIRC. 54350
12¹/₄" HOLE

5¹/₂" 17# N-80+ K-55 +15.5'
K-55. CSA 9300'
CMT W/28.00 SXS. TCMT. 1935'
8³/₄" HOLE

2³/₈" TBG

PKR @ 8360

STRAWN PERFS
@ 8442'-76'

TD: 9300'
PBTD: 9280'

ORIGINALLY DRILLED
BY AMOCO 7/81

PA'D BY SOUTHWEST ROYALTIES 7/06

RSC

RSC Resources Limited Partnership

Well Bore Schematic Prior to Reentry

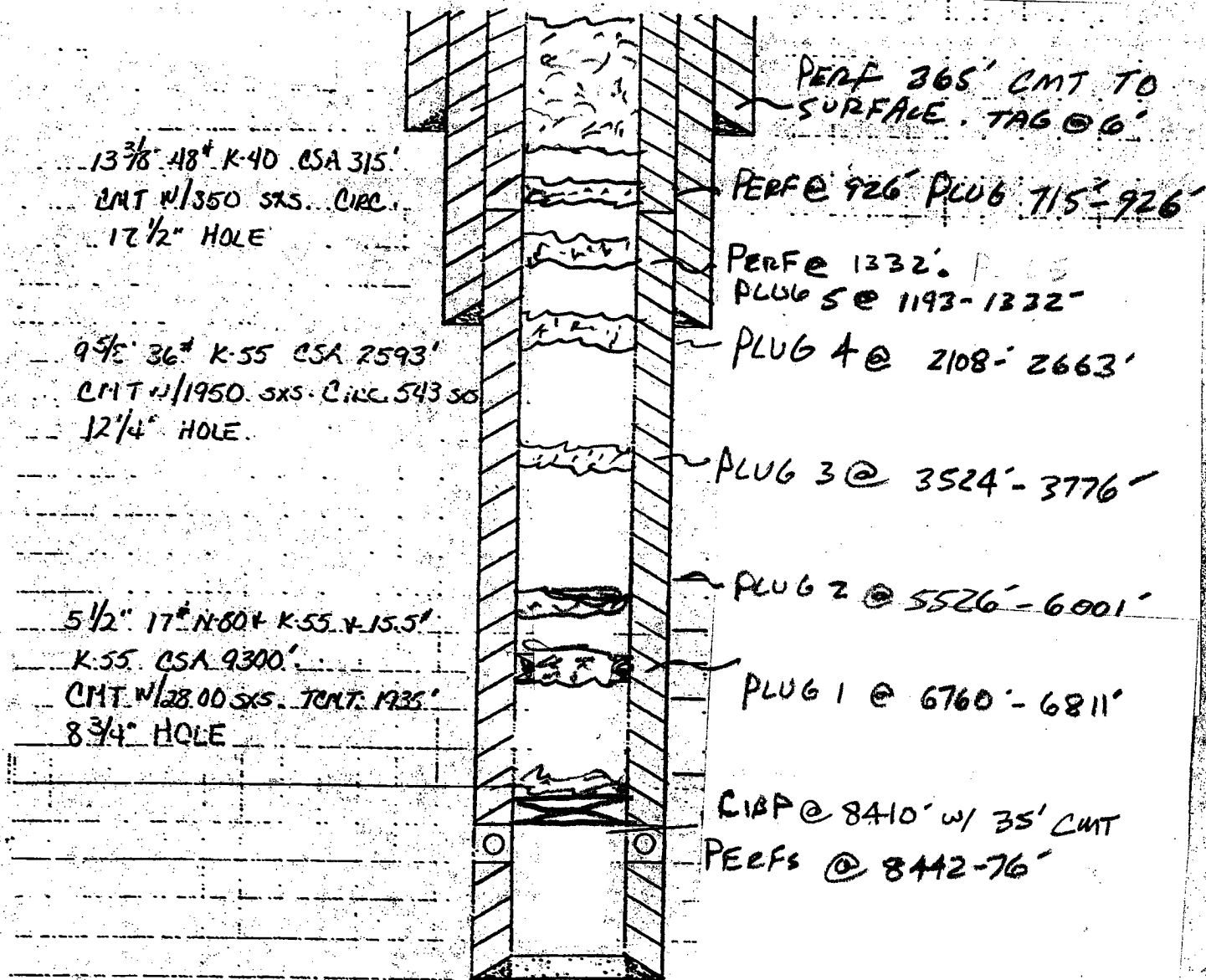
State JA 1

Lost Lake; Strawn(Gas)

Unit F, Section 36-8-29

1/19/07

Chaves Co., NM



TD 9300'

PE TD 9280'

ORIGINALLY DRILLED BY
AMOCO 7/81

PA'd BY SOUTHWEST ROYALTIES 7/06

RSC