

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address Reliance Energy, Inc. 6 Desta Drive, Suite 5500, Midland, TX 79705		² OGRID Number 149441
		³ API Number 30 - 005 63348
⁴ Property Code 25891	⁵ Property Name Willow Springs "33" State	⁶ Well No. 3

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	33	4S	25E		660	north	660	west	Chaves

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
⁹ Proposed Pool 1 Wildcat, Penn GAS 96072					¹⁰ Proposed Pool 2				

¹¹ Work Type Code D	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3845
¹⁶ Multiple N	¹⁷ Proposed Depth 5200	¹⁸ Formation Cisco	¹⁹ Contractor	²⁰ Spud Date 4/15/04

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
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					MAR - 5 2004
					OCD-ARTESIA

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.

Propose to deepen well to 5200' in Cisco formation. Well presently producing from Abo Sand @ 3612-22', 3714-24' and 3758-70'.
Will install a 3000# BOP on 5 1/2" casing, tested daily.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Laura Clepper

Printed name: Laura Clepper

Title: Regulatory Analyst

Date:

3/4/2004

Phone:

432 683-4816

OIL CONSERVATION DIVISION

Approved by:

Jim H. Brown

Title:

District Supervisor

Approval Date: MAY 20 2004

Expiration Date:

MAY 20 2005

Conditions of Approval:

Attached ☐

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Enr Minerals, and Natural Resources D tment

Form C-102
Revised 02-10-94
Instructions on back

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

☐ AMENDED REPORT

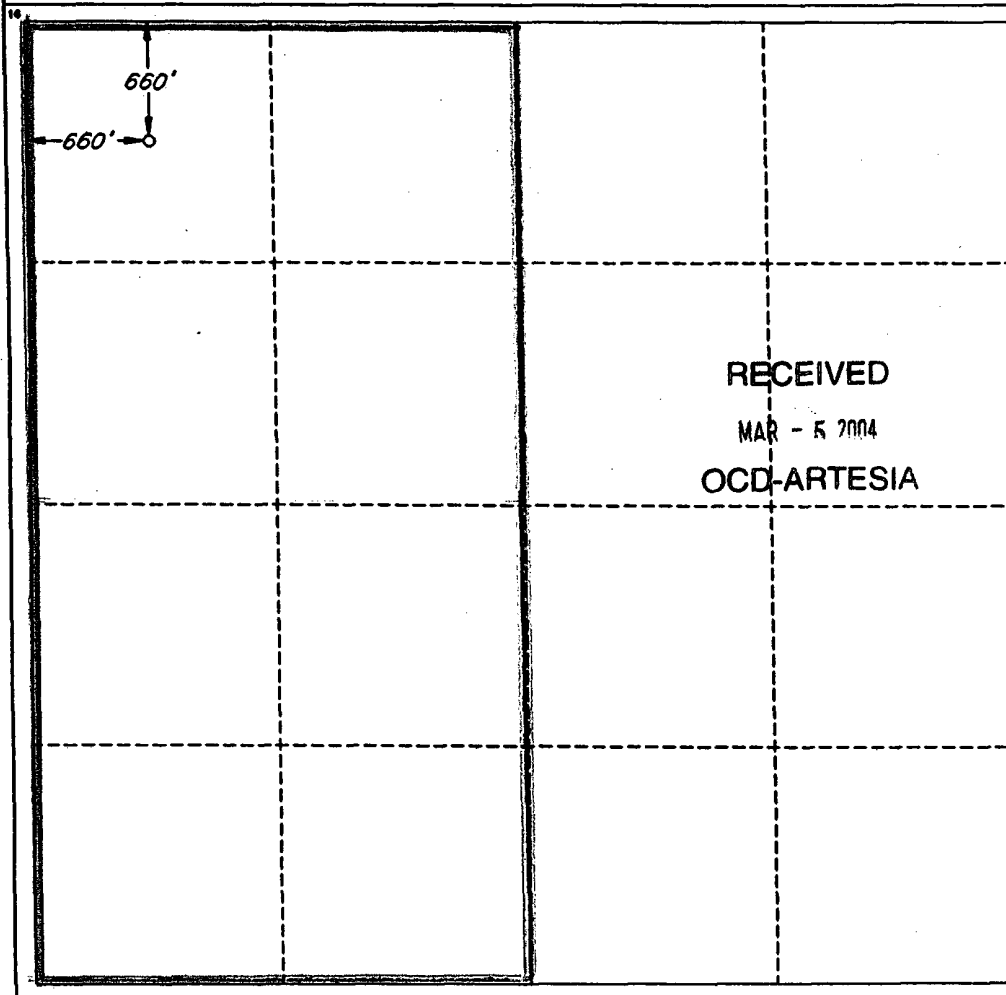
DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name					
4 Property Code		5 Property Name WILLOW SPRING '33' STATE						6 Well Number 3	
7 OGRID No.		8 Operator Name RELiance ENERGY INCORPORATED						9 Elevation 3845'	
10 SURFACE LOCATION									
UL or lot no. D	Section 33	Township 4 SOUTH	Range 25 EAST, N.M.P.M.	Lot Ida	Feet from the 660'	North/South line NORTH	Feet from the 660'	East/West line WEST	County CHAVES
11 "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 370		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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



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OPERATOR CERTIFICATION

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

Signature
Laura Ciepper

Printed Name
Laura Ciepper

Title
Regulatory Analyst

Date
3-4-2004

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.

Date of Survey
FEBRUARY 19, 2001

Signature and Seal of
Professional Surveyor

V. L. Bezner 2-19-01

Certificate No.
V. L. BEZNER R.P.S. #7920

JOB #74260-2/200 NE/J.C.P.

Reliance Energy Inc.
6 Desta Dr, Suite 5500
Midland, Tx 79705

April 28, 2004

State of New Mexico
Oil Conservation Division
Attn: Bryan Arrant
1301 W. Grand Ave
Artesia, NM 88210

Re: Willow Springs"33" State, well #3
API Number 30-005-63348
OGRID number 149441

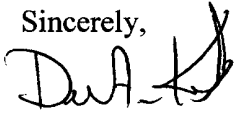
Mr. Arrant,

Casing currently in well:
11-3/4", set @ 943'
8-5/8", set @ 1964'
5-1/2", set @ 3945'

After deepening to 5200':
Liner hanger will be set at 3745' inside 5-1/2" casing. Will RIH with 3-1/2" liner (EUE)
to total depth of 5200'. Will cement liner from 3745' to 5200'.

If you have any questions or need additional information please call.

Sincerely,



DeeAnn Kemp
Regulatory Analyst
(432) 683-4816
Reliance Energy

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Reliance Energy Inc.
6 Desta Dr, Suite 5500
Midland, Tx 79705

April 28, 2004

State of New Mexico
Oil Conservation Division
Attn: Bryan Arrant
1301 W. Grand Ave
Artesia, NM 88210

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APR 29 2004

OCD-ARTESIA

Re: Willow Springs"33" State, well #3
API Number 30-005-63348
OGRID number 149441

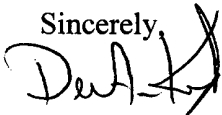
Mr. Arrant,

Reliance Energy submitted to your office a form C101 to request permission to deepen the referenced well. A contingency plan for hydrogen sulfide was not included for this well. This well does not produce any hydrogen sulfide and does not meet the requirement set forth in Rule 19.15.3.118 under the hydrogen sulfide gas section for a contingency plan to be submitted.

I have enclosed a copy of the gas analysis sheet for the Willow Spring"32" State well #5, which is located about 1/2 mile from the referenced well and produces from the Cisco. The gas analysis sheet indicates no H2S.

If you have any questions or need additional information please call.

Sincerely,



DeeAnn Kemp
Regulatory Analyst
(432) 683-4816
Reliance Energy

Precision Gas Measurement Inc.

505-622-9874

Roswell, NM

Run File	C:\STAR\DATA\INSTALL\RELIANCE001_11:49:01 AM_1-15-03_.RUN		
Method	C:\Star\Precision Gas _ C6+.mth		
Operator	JD	Analysis Date	1/15/03
Station		Company	RELIANCE ENERGY
Lease	WILLOW SPRINGS ST. 32 #5	Pulled Data	01/15/03 PRESS. 357 PSIG
Producer	RELIANCE ENERGY	Water (lbs)	

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
Nitrogen	6.2263	0.00	0.0000
Carbon Dioxide	3.1927	0.00	0.0000
H2S	0.0000	0.00	0.0000
Methane	86.0791	866.68	0.0000
Ethane	2.9835	52.63	0.7981
Propane	0.7175	18.00	0.1977
Isobutane	0.1629	5.28	0.0533
nButane	0.2285	7.43	0.0721
Isopentane	0.0475	1.89	0.0174
nPentane	0.0703	2.81	0.0255
C6+	0.2918	14.77	0.1258
Totals	100.0000	969.49	1.2899

Specific Gravity from Composition	0.6487
BTUs @ 14.65 Saturated	953
BTUs @ 14.65 Dry	969
Compressibility	0.99776

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
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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

Form C-103
March 4, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-005-63348
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 25891
7. Lease Name or Unit Agreement Name Willow Springs "33" State
8. Well Number 3
9. OGRID Number 149441
10. Pool name or Wildcat Pecos Slope Abo

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. Type of Well:
Oil Well ☐ Gas Well ☒ Other

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2. Name of Operator
Reliance Energy, Inc

MAY 17 2004

3. Address of Operator
#6 Desta Dr, Ste 5500, Midland, Tx 79705

OCD-ARTESIA

4. Well Location

Unit Letter D 660 feet from the North line and 660 feet from the West line

Section 33 Township 4S Range 25E NMPM Chaves County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3845' GR

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL Sect Twp Rng Pit type Depth to Groundwater Distance from nearest fresh water well
Distance from nearest surface water Below-grade Tank Location UL Sect Twp Rng ;
feet from the line and feet from the line

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: x

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This form is to amend the C-144 that was previously submitted to request a pit permit (construction of a pit for a recompletion workover). A closed loop system will be used, no pit will be needed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Dak Kemp TITLE Regulatory DATE 5/13/04

Type or print name DeeAnn Kemp E-mail address: dakemp@reimid.com Telephone No. (432) 683-4816

(This space for State use)

APPROVED BY [Signature] TITLE Wild Sup ID DATE MAY 20 2004

Conditions of approval, if any:

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-144
March 12, 2004

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: Reliance Energy, Inc Telephone: (432) 683-4816 e-mail address: dakemp@reimid.com
Address: 6 Desta Dr, Ste 5500, Midland, Tx 79705
Facility or well name: Willow Springs "33" State #3 API #: 30-005-63348 U/L or Qtr/Qtr D Sec 33 T 4S R 25E
County: Chaves Latitude Longitude NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State x Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☐

Workover x Emergency ☐

Lined x Unlined ☐

Inner type: Synthetic xx Thickness 12 mil Clay ☐ Volume

150 bbl

Below-grade tank

Volume: bbl Type of fluid:

Construction material:

Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high
water elevation of ground water.)

Less than 50 feet

50 feet or more, but less than 100 feet

100 feet or more

(20 points)

(10 points)

(0 points)

Vellhead protection area: (Less than 200 feet from a private domestic
water source, or less than 1000 feet from all other water sources.)

Yes

No

(20 points)

(0 points)

Distance to surface water: (horizontal distance to all wetlands, playas,
irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

200 feet or more, but less than 1000 feet

1000 feet or more

(20 points)

(10 points)

(0 points)

Ranking Score (Total Points)

0

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If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☐ offsite ☐ If offsite, name of facility (3) Attach a general description of remedial action taken including remediation start date and end
date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a
diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has
been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 4/28/04

Printed Name/Title DeeAnn Kemp Regulatory Analyst Signature

Our certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or
otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or
regulations.

Approval:

Date:

Printed Name/Title Signature

Accepted for record - NMOCD