

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

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



Form C-101
May 27, 2004

Submit to appropriate District Office

DEC 5 2007

☐ AMENDED REPORT
Permit renewal request

OCD-ARTESIA

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

¹ Operator Name and Address: Corkran Energy, L.P., 2219 Westlake Dr., Suite 120, Austin, TX 78746		² OGRID Number: 243452
		³ API Number 30 - 015-35260
⁴ Property Code	⁵ Property Name Orleans 25	⁶ Well No. 1
⁹ Proposed Pool 1: Undesignated; <i>Kaiser Ranch, Strawn</i>		¹⁰ Proposed Pool 2

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
B	25	18S	26E		660	North	1650	East	Eddy

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

Additional Well Information

¹¹ Work Type Code <i>RC P</i>	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3280'
¹⁶ Multiple No	¹⁷ Proposed Depth PBD: 8875'; TD: 9613'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date RC 12-10-07
Depth to Groundwater: 90'		Distance from nearest fresh water well: <i>approx 900'</i>		Distance from nearest surface water: <i>none</i>
Pit: Liner: Synthetic: X ¹² mils thick Clay <input type="checkbox"/> Pit Volume: 2000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water X Brine Diesel Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54 5#	424'	575 sx	Surface
12 1/4"	9 5/8"	40#	1362'	750 sx	Surface
8 3/4"	5 1/2"	17#	9616'	1600 sx	4080'

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 set RBP @ 8875' above existing Morrow perforations from 9024-9260', and test the Atoka w/perforations from 8741-8754'. Wellbore diagram attached.

The Atoka will be perforated, treated, tested and evaluated for commercial production and possible application to downhole commingle with the Morrow.

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

Printed name: Ann E. Ritchie

Title: Regulatory Agent

E-mail Address: ann.ritchie@wtor.net

Date: 12-3-07

Phone: 432 684-6381/683-6565

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

DEC 12 2007

Expiration Date:

DEC 12 2008

Conditions of Approval Attached ☐

DISTRICT I
1000 P. STREET DR., SANTA FE, NM 87505

DISTRICT II
1000 P. STREET DR., SANTA FE, NM 87505

DISTRICT III
1000 P. STREET DR., SANTA FE, NM 87505

DISTRICT IV
1000 P. STREET DR., SANTA FE, NM 87505

State of New Mexico
Geology, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-194
Revised October 12, 2006
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Plug Back

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

APN Number 30 015 35260	Foot Code 79410	Foot Name Undesignated, Kaiser Ranch Strawn
Property Code	Property Name ORLEANS 25	Well Number 1
OWNER No.	Operator Name CORKRAN ENERGY, LP	Elevation 3281'

Surface Location

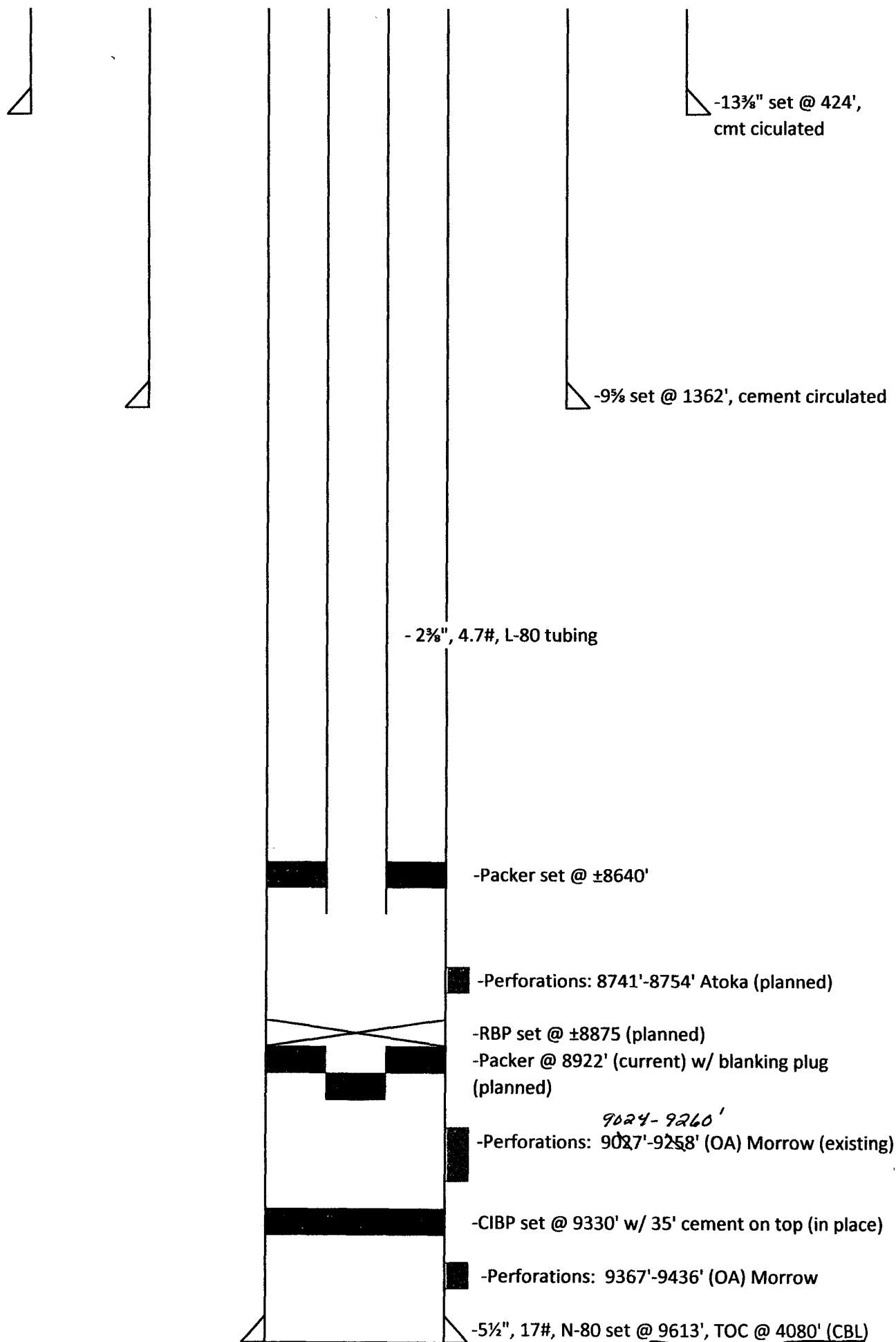
Well or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County
B	25	18-S	26-E		660	NORTH	1650	EAST	EDDY

Bottom Hole Location if Different From Surface

Well or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County
Indicated Acres 320	Joint or Split	Consolidation Code	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

<p>GEODETIC COORDINATES NAD 27 NME Y=627150.5 N X=300532.7 E LAT.=32.724133° N LONG.=104.331601° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this information was obtained from a reliable source or sources and that I am a duly qualified person to drill this well at the location indicated.</p> <p><i>[Signature]</i> 12-4-07 Date Ann E. Ritchie Printed Name Agent</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of recent surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p>
	<p>SEPTEMBER 27, 2006</p> <p>Date Surveyed: 10/10/06 JR Signature: [Signature] Printed Name: [Name] Professional Surveyor NEW MEXICO 06.11.15225 Certificate No. 0611.15225 12241 JAMES E. JOHNSON 12239</p>



Arrant, Bryan, EMNRD

From: Angela Lightner [Angela@rkford.com]
Sent: Wednesday, December 05, 2007 11:12 AM
To: Arrant. Bryan, EMNRD
Subject: FW: Orleans 25 #1 C-105

Attachments: X3e_A91B1299.tif



X3e_A91B1299.tif
(2 MB)

Bryan,

The Miss. Top is at 9439' and the geologist wants to change it to 8994' (Morrow)
Please advise as to correcting this discrepancy.
Angela
432-682-0440

-----Original Message-----

From: copy@rkford.com [mailto:copy@rkford.com]
Sent: Wednesday, December 05, 2007 2:08 PM
To: Angela Lightner
Subject: X3e_A91B1299 has been scanned

The following document has been scanned on the Fiery and attached to this email:

X3e_A91B1299.tif

This inbound email has been scanned by the MessageLabs Email Security System.

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon 7843	T. Ojo Alamo	T. Penn "B"
T. Salt	T. Strawn 8282	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 982	T. Atoka 8492	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 8994(Morrow)	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2816	T. Simpson	T. Gallup	T. Ignacio Otzie
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 5506	T.	T. Wingate	T.
T. Wolfcamp 6346	T.	T. Chinle	T.
T. Penn 7547	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
400	950		anhydrite, shale, ls				
950	1250		sand, shale, limestone				
1250	1350		anhydrite, shale, ls				
1350	4295		dolomite				
4295	5040		limestone, shale, chert				
5040	5450		limestone				
5440	5830		limestone, shale				
5830	5990		shale				
5990	6290		limestone, shale, dolomite				
6290	7100		limestone, shale				
7100	7830		shale, limestone, dolomite				
7830	8500		limestone, shale, chert				
8500	8760		limestone, shale, sandstone				
8760	9210		limestone, shale				
9210	9436		sandstone, shale, limestone				
9436	9614		shale, limestone				

FOR: Bryan Arrant

From: J. Elger

7489720

Arrant, Bryan, EMNRD

To: Ann Ritchie
Cc: jerry@capstoneoil.com
Subject: Orleans 25 # 1/API # 30-015-35260

Hi Ann,

In regards to the above noted well, I need to inform you that I have placed your recompletion proposal in the Undesignated; Kaiser Ranch; Strawn Gas Pool.

I correlated tops to an offset well drilled by:

Depco, Inc.'s

Terry Evans Com. # 1

24-18-26

1980' FNL & 1980' FEL

API # 30-015-21609

The deeper geological tops were picked by a geologist (Larry Brooks) who used to work in this office. I have to use these tops as they were correlated to regional cross sections by industry back in the 70's. Please call if you have any questions.

These tops are:

Wolfcamp:	6052'
Penn:	7291'
Strawn;	8275'
Atoka:	8810'
Morrow ls:	9028'
Morrow cl:	9081'

Yours truly,

Bryan G. Arrant

District II Geologist

New Mexico Oil Conservation Division

1301 West Grand Ave.

Artesia, NM 88210

505-748-1283 Ext. 103

CC: Well File

12/12/2007