# N.M. Oil Cons. DIV-Dist. 2 1301 W. Grand Avenue Artesia, NM 88210

Form 3160-3

OMB No. 1004-0136 (August 1999) Expires November 30, 2000 RECEIVED UNITED STATES Lease Serial No. DEPARTMENT OF THE INTERIOR OCT 0 5 2005 LC 028755(A) BUREAU OF LAND MANAGEMENT 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REPORT TESIA 7. If Unit or CA Agreement, Name and No. ☑ REENTER la. Type of Work: DRILL 8. Lease Name and Well No Russell "C" 5 Oil Well Gas Well Other Single Zone Multiple Zone 1b. Type of Well: Name of Operator 9. API Well No. JOE L. TARVER 0-015-006 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 2807 - 74th St., Ste. 1, Lubbock, TX 79423 (806) 795-2042 Empire Yates - 7 Rivers 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.\*) Section 35, T-17-S, R-27-E At surface Lot #O, Sec. 35, T-17-S, R-27-E, 1002' FSL & 1633' FEL, Eddy Co., NM At proposed prod. zone Same as Surface 12. County or Parish 13 State 14. Distance in miles and direction from nearest town or post office\* 9 miles East of Artesia, NM Eddy NM 15. Distance from proposed 16. No. of Acres in lease 17. Spacing Unit dedicated to this well 313/ location to nearest 80 10 acres property or lease line, ft. (Also to nearest drig. unit line, if any) 20. BLM/BIA Bond No. on file 19. Proposed Depth 18. Distance from proposed location 660' to nearest well, drilling, completed, 550' Bond approves. Call Tony Ferrero, Santa Fe applied for, on this lease, ft. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start\* 23. Estimated duration October 2005 3623 GL 7 days 24 Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan. Operator certification 3. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. 25. Fignature Name (Printed/Typed) Joe L. Tarver Title Owner/Operator Approved by (Signature) Name (Printed/Typed) Joe G. Lara /s/ Joe G. Lara FIELD MANAGER Title Office CARLSBAD FIELD OFFICE MINE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

FORM APPROVED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Roswell Controlled Water Basin

NSL - 5283

APPROVAL SUBJECT TO General requirements and SPECIAL STIPULATIONS 'ATTACHED

Submit to Appropriate District Office

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

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 67605

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

State Lease - 4 Copies
Fee Lease - 3 Copies

CMAMENDED REPORT



API Number			1	Pool Code					Pool Name			
3001500642 22%		230 EMPIRE; Y					ATES TRIVERS					
Property Code			Property Name							Well Number 5		
				RUSSELL "C"								
37500			Operator Name  JOE TARVER							3623	lion	
21777			Surface Location						1 3023			
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		Bottom Hole Location If Different From Surface										
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Instruction on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II 811 South Piret, Artesia, NM 88210 DISTRICT · III 1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

330' 660' 990'

1650' 1980' 2310'

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

☐ AMENDED REPORT

			WELL LO	CATION	I AND ACREA	GE DEDICATION	ON PLAT				
API	Number		I .	Pool Code	<u></u>	Pool Name					
Property Code					Property Nam	ne	1	Well Number			
				RU:	SSELL "C"		5				
OGRID No.				JOE	Operator Nan TARVER	Elevation 3623					
		L			Surface Loc	ation		<u></u>			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Peet from the	East/West line	County		
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2310' 1980' 1650'

990' 660' 330'

# Drilling Plan Russell C - 5

Prepare top of 8" Casing now in place - with threaded collar.

Install Braden Head

Install diverter (air and gas drilling pressure diverter). (Note) The known history of pressure at this shallow depth (550' or less) is minimal. Even the virgin pressure of 220Lbs. has long since disipated

Move in rig and set up for re-entry.

The casing now in the well is set from surface to 402' below the surface

Drill out plugging cement from 8" casing with 7-7/8" Bit with air.

Drill through all parts of the empire yates - 7 rivers formation (TD is expected at less than 550' below the surface)

This will be an open hole completion from 402' to TD

Acidize with 2,000 gals 15% Hydrochloric acid with appropriate additives, i.e., A-179 Iron control Aid, A-264 Corrosion Inhibitor, f-103 Surfactant, L-63 Iron Control agent, w-53 Non-Emulsifer

Clean out residue to pits

Install tubbing, bottom hole pump and rods

Connect pump jack for production

7480676

# MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Joe L. Tarver Russell C-5 1002 FSL - 1633 FEL T175 - R27E

#### LC 028755

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

# 1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a road map showing the location of the proposed well as staked. The well is approximately 8 miles east of Artesia, New Mexico.
- B. <u>Directions</u>: From Artesia go east on Highway 82, 9 miles turn right on County Road 204. Go ½ mile turn right to County Road 225. Go 1 mile to 1st black top road to left. Go 1200 ft. to Russell C-5 on right of road.

# 2. PLANNED ACCESS ROAD:

- A. There is an existing road from the west to the well site.
- B. No additional cutting or construction is necessary.
- C. Culverts: none necessary
- D. Cuts and Fills: none necessary
- E. Gates, Cattleguards: none
- F. Right-of-Way: Existing Right-of-Way. Federal will be utilized.

# 3. LOCATION OF EXISTING WELLS:

A. Existing wells are indicated on EXHIBIT B.

# 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. If the well is productive, production, storage and measurement facilities will be constructed on the well pad.

## 5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water for drilling operations will be purchased from a commercial water hauler.

# 6. SOURCE OF CONSTRUCTION MATERIALS:

A. None necessary

# 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
- C. Water produced during test will be disposed of in the drilling pits. Oil produced during test will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of soil. All waste material will be contained to prevent scattering by the wind. The trash pit will be located adjacent to the mud pit.
- F. All trash and debris will be buried or removed the wellsite within 30 days after finishing drilling and/or completion of operations.

# 8. ANCILLARY FACILITIES:

A. None necessary

### 9. WELL SITE LAYOUT:

- A. The wellsite and 400' x 400' area have been surveyed and flagged.
- B. Dimensions and relative location of the drill pad, pit and equipment are shown on EXHIBIT C.

#### 10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations, all equipment and other materials not needed for operations will be removed. Pitts will be filled and the location cleaned of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. If the well is non-productive, the disturbed area will be rehabilitated to Federal Agency Requirements and will be accomplished as expeditiously as possible.

#### 11. OTHER INFORMATION:

A. <u>Topography:</u> The regional terrain is a rolling alluvial plain sloping to the south. The access road is essentially level. The drillsite is essentially level.

- B. Soil: The soil at the wellsite is sandy gravel.
- C. Flora and Fauna: Flora consists of sparse range grasses. No wildlife was observed. Fauna Probably includes reptiles, rodents and various birds.
- D. Ponds or Streams: There are no ponds near the wellsite. The Pecos river is 6 miles to the west.
- E. Residences and Other Structures: There are no occupied dwellings within 3 miles.
- F. Archaeological, Historical and Other Cultural Sites: Southern New Mexico Archaeological Services of Bent, New Mexico has made a survey of the proposed new wellsite. They have recommended that construction work be approved.
- G. Land Use: The vicinity surrounding the wellsite is semi-arid rangeland, used primarily for grazing.
- H. Surface Ownership: The access road and wellsite are on Public Surface (BLM) within the lease boundary.

# 12. OPERATOR'S REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan:

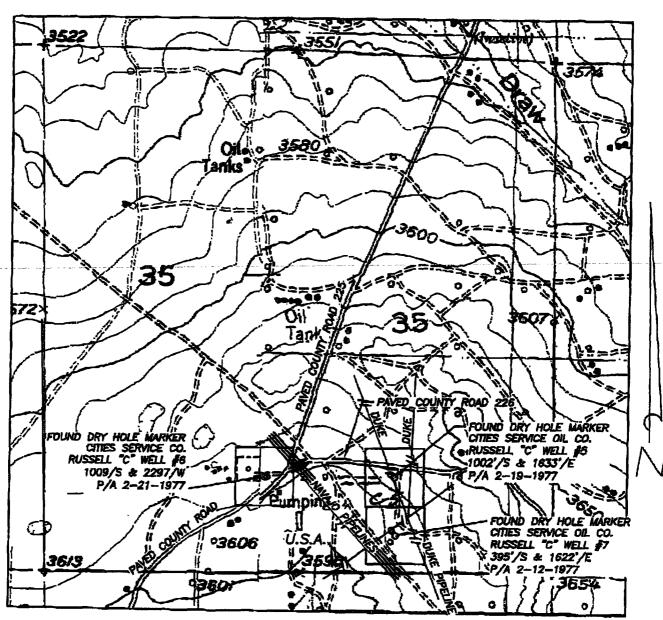
Joe L. Tarver 2807 74th Street, Ste. 1 Lubbock, TX 79423 Ph: 806-795-2042

# 13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; that the work associated with the operations proposed herein will be performed by JOE L. TARVER and it's sub-contractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement. Joe L. Tarver

09-01-05 Date:

SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM, EDDY COUNTY, NEW MEXICO.



THE ROAD INDICATED IN Red LiNes 15 an existing ROAD TO WELL PAD.

JOE L. TARVER

EXHIBIT-A RUSSEII-C5 4 C 028755

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<u> 2</u>000' Scale 1" # 1000'

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J.S. No.3640

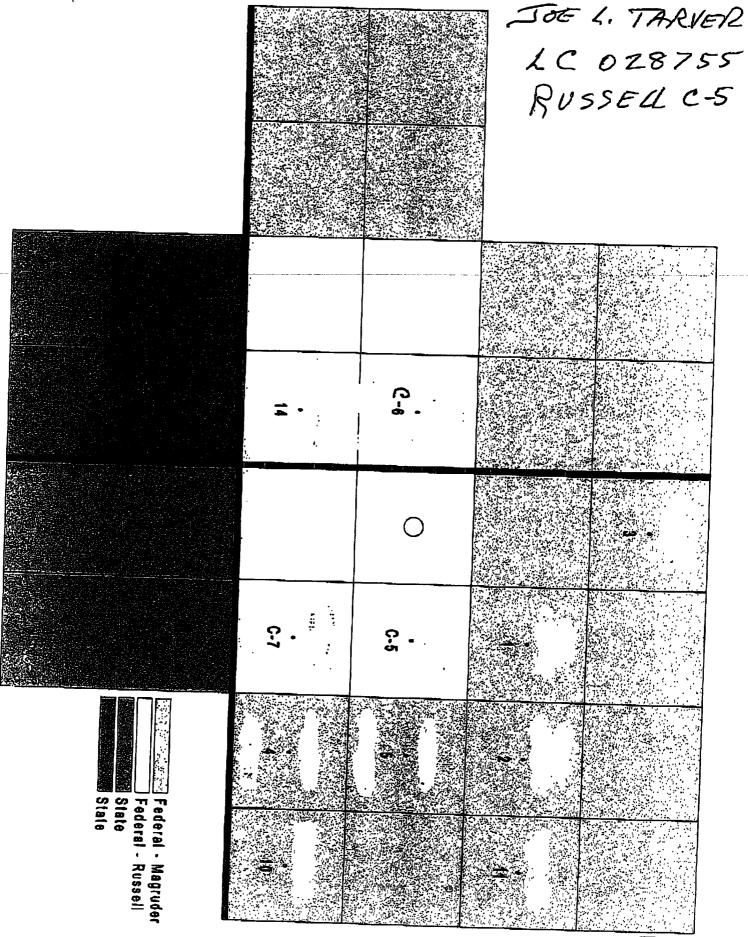
THE COMPANY P.O. BOX 1928 GENERAL LOVINGTON. NEW MEXICO 88260 Date: 8/29/05

JOE TARVER RE-ENTERIES

RE-ENTERY WELLS. RUSSELL "C" WELL #5. RUSSELL "C" WELL #6 AND RUSSELL "C" WELL #7 LOCATED IN SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, NIMPH, EDDY COUNTY, NEW MEXICO.

Survey Date: 8/29/2005 Scale 1" = 1000' RUSSELL

FXHIBIT-



EXHIBITB

EXHIBIT- C LC 028755(A) Joe Tarver

**Location Platt** 

Rig Layout RUSSE11-C-5 332 RIG 150 75 ,0E EXHIBIT- C SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM, EDDY COUNTY, NEW MEXICO. 3574 0 3580 Oile o anks\* ٩o ß II Tank & 572 PAVED COUNTY ROAD FOUND DRY HOLE MARKER FOUND DRY HOLE MARKER 'CITIES SERVICE OIL CO. CITIES SERVICE CO. RUSSELL "C" WELL #6 RUSSELL "C" WELL #5 1002'/S & 1633'/E •Ç., 1009/S & 2297/W P/A 2-19-1977 Pumpins P/A 2-21-1977 GOS. ROAD 4 FOUND DRY HOLE MARKER CITIES SERVICE OIL CO. Ū.S.A RUSSELL "C" WELL #7 °3606 ¥ 395'/S & 1622'/E 36/3 ×P/A 2-12-1977 3654 93601

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JOE TARVER RE—

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Scale 1" = 1000'

TARVER RE—

RE—ENTERY WELLS, RUSSELL "C" WELL #5, WELL #6, AND PLISSELL "C" WELL #5, WELL #6, AND PLISSELL "C" WELL #5, COLORS

RE-ENTERY WELLS, RUSSELL "C" WELL #5, RUSSELL "C" WELL #6 AND RUSSELL "C" WELL #7 LOCATED IN SECTION 35, TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

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 Survey Date:
 8/29/2005
 Sheet 1 of 1 Sheets

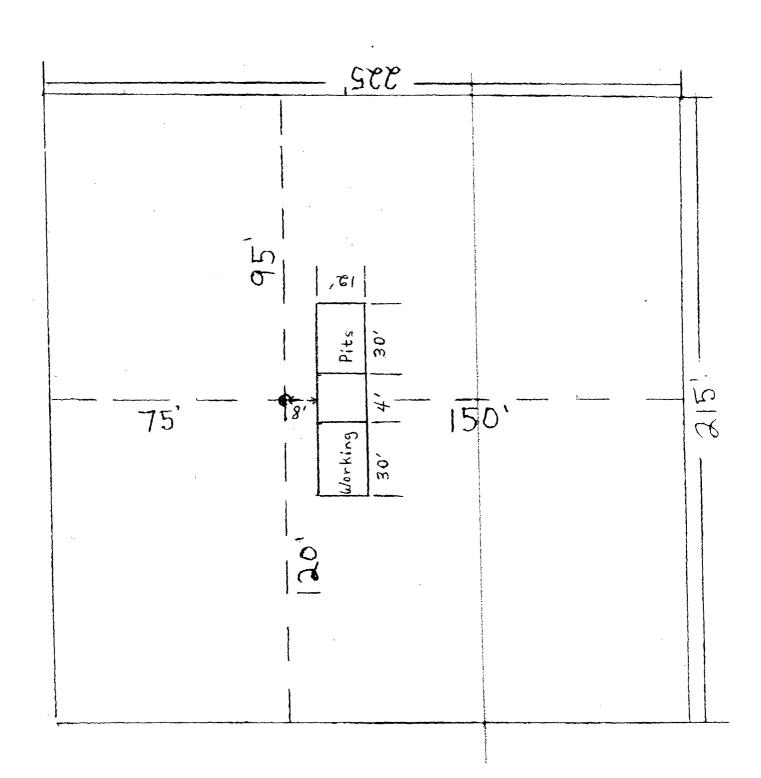
 Drawn By:
 Ed Blevins
 W.O. Number

 Date:
 8/29/05
 Scale 1" = 1000' RUSSELL

GENERAL SURVEYING COMPANY P.O. BOX 1928 LOVINGTON, NEW MEXICO 88260 <del>\ 2</del>

Joe Tarver

# **Location Platt**



# United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

ROSWELL FIELD OFFICE 2909 West Second Street Roswell, New Mexico 88201

Statement Accepting Responsibility for Operations

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No.: LC 028755 (A) Legal Description of land: 5E/4 SW/4, 5W/4 SE/4 SecTion 35 T175, R27E-Eddy, CO. New Mexico

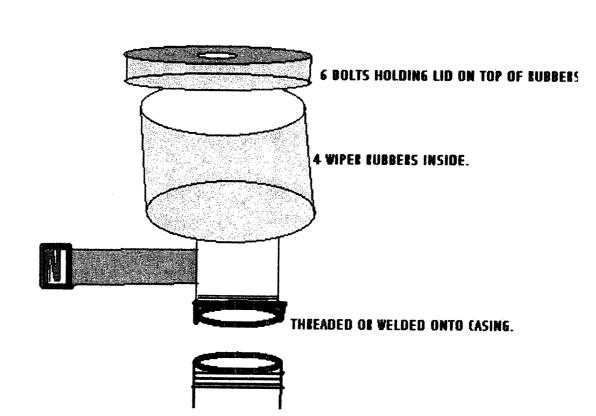
Formations(s) (if applicable): EMPIREYATES - TRIVERS

Bond Coverage: (State, Nationwide or Individual) Individual

BLM Bond File No.: BOND APPROVED, CALL TONY FERRERO BLM - SANTAFE, NEW MEXICO

Authorized Signature: Los Santas Signature:

# DIVERTER FOR AIR OR GAS URILLING



**BLOOIE LINE TO PIT.** 

# SPECIAL DRILLING STIPULATIONS

# THE FOLLOWING DATA IS REQUIRED ON THE WELL SIGN

Operator's Name Joe L. Tarver Well Name & No. 5-Russell C
Location 1002 F.S. L & 1633 F.F. L Sec. 35 , T. 17 S, R 27 E.  Lease No. LC-028755-A County Eddy State New Mexico
The Special stipulations check marked below are applicable to the above described well and approval of this application to drill is conditioned upon compliance with such stipulations in addition to the General Requirements. The permittee should be familiar with the General Requirements, a copy of which is available from a Bureau of Land Management office. EACH PERMITTEE HAS THE RIGHT OF ADMINISTRATIVE APPEAL TO THESE STIPULATIONS PURSUANT TO TITLE 43 CRF 3165.3 AND 3165.4.
This permit is valid for a period of one year from the date of approval or until lease expiration or termination whichever is shorter.
I. SPECIAL ENVIRONMENT REQUIREMENTS
( ) Lesser Prairie Chicken (stips attached) ( ) Flood plain (stips attached) ( ) Other
II. ON LEASE - SURFACE REQUIREMENTS PRIOR TO DRILLING
( ) The BLM will monitor construction of this drill site. Notify the ( ) Carlsbad Field Office at (505) 234-5972 ( ) Hobbs Office (505) 393-3612, at least 3 working days prior to commencing construction.
( ) Roads and the drill pad for this well must be surfaced with inches of compacted caliche upon completion of well and it is determined to be a producer.
( ) All topsoil and vegetation encountered during the construction of the drill site area will be stockpiled and made available for resurfacing of the disturbed area after completion of the drilling operation. Topsoil on the subject location is approximatelyinches in depth. Approximatelycubic yards of topsoil material will be stockpiled for reclamation.
Wother. No blading + no sortace material
III. WELL COMPLETION REQUIREMENTS
( ) A Communitization Agreement covering the acreage dedicated to the well must be filed for approval with the BLM. The effective date of the agreement must be prior to any sales.
(x) Surface Restoration: If the well is a producer, the reserve pit(s) will be backfilled when dry, and cut-and-fill slopes will be reduced to a slope of 3:1 or less. All areas of the pad not necessary for production must be re-contoured to resemble the original contours of the surrounding terrain, and topsoil must be re-distributed and re-seeded with a drill equipped with a depth indicator (set at depth of ½ inch) with the following seed mixture, in pounds of Pure Live Seed (PLS), per acre.
A. Seed Mixture 1 (Loamy Sites) Side Oats Grama (Bouteloua curtipendula) 5.0 Sand Dropseed (Sporobolus cryptandrus) 1.0 Sand Lovegrass (Eragostis trichodes) 1.0 Plains Bristlegrass (Setaria magrostachya) 2.0
( ) C. Seed Mixture 3 (Shallow Sites)  Side oats Grama (Boute curtipendula) 1.0  Alkali Sacaton (Sporobollud airoides) 1.0  Four-Wing Saltbush (Atriplex canescens) 5.0
( ) OTHER SEE ATTACHED SEED MIXTURE
Seeding should be done either late in the fall (September 15 - November 15, before freeze up, or early as possible the following spring to take advantage of available ground moisture.
( ) Other.

# RESERVE PIT CONSTRUCTION STANDARDS

The reserve pit shall be constructed entirely in cut material and lined with 6 mil plastic. Mineral material extracted from within the boundary of the APD during construction of the well pad and reserve pits and be used for the construction of this well pad and its immediate access road only, as long as that portion of the access road it is use on remains on-lease. Removal of any additional material from this location for construction or improvement of other well pads and other access or lease roads must first be purchased from BLM.

<u>Reclamation</u>: Reclamation of this type of deep pit will consist of pushing the pit walls into the pit when sufficiently dry to support track equipment. The pit liner is NOT TO BE RUPTURED to facilitate drying; a ten month period after completion of the well is allowed for drying of the pit contents.

The pit area must be contoured to the natural terrain with all contaminated drilling mud buried with at least 3 feet of clean soil. The reclaimed area will then be seeded as specified in this permit.

## OPTIONAL PIT CONSTRUCTION STANDARDS

The reserve pit may be constructed in predominantly fill material if:

- (1) Lined as specified above and
- (2) A temporary or emergency pit may be constructed immediately adjacent to the reserve pit as long as the pit remains within the APD boundary. Mineral material removed from this pit may be used for the construction of this well pad only and its immediate access road, as long as that portion of the access road the material is used on remains on-lease. Removal of any material from the APD boundary for use on other well locations or roads must first be purchased from BLM.

Reclamation of the reserve pit consists of bulldozing all reserve pit contents and contaminants into the borrow pit and covering with a minimum of 3 feet of clean soil material. The entire area must be recontoured, all trash removed, and reseeded as specified in this permit.

#### CULTURAL

Whether or not an archaeological survey has been completed and notwithstanding that operations are being conducted as approved, the lessee/operator/grantee shall notify the BLM immediately if previously unidentified cultural resources are observed during surface disturbing operations. From the time of the observation, the lessee/operator/grantee shall avoid operations that will result in disturbance to these cultural resources until directed to processed by BLM.

#### TRASH PIT STIPS

All trash, junk, and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

#### **CONDITIONS OF APPROVAL - DRILLING**

**Operator's Name:** 

Joe L. Tarver

Well Name & No.

Russell C #5 - REENTRY

Location:

1002' FSL, 1633' FEL, Section 35, T. 17 S., R. 27 E., Eddy County, New Mexico

Lease:

LC-028755-A

#### I. DRILLING OPERATIONS REQUIREMENTS:

1. The Bureau of Land Management (BLM) is to be notified at the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (505) 361-2822 for wells in Eddy County in sufficient time for a representative to witness:

- A. Well spud
- B. Cementing casing N/A
- C. BOP tests N/A
- 2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
- 3. Submit a Sundry Notice (Form 3160-5, one original and five copies) for each casing string, describing the casing and cementing operations. Include pertinent information such as; spud date, hole size, casing (size, weight, grade and thread type), cement (type, quantity and top), water zones and problems or hazards encountered. The Sundry shall be submitted within 15 days of completion of each casing string. The reports may be combined into the same Sundry if they fall within the same 15-day time frame.
- 4. The API No. assigned to the well by NMOCD shall be included on the subsequent report of setting the first casing string.

#### II. CASING:

1. The 8 inch surface casing is set at 402'. No other casing strings are planned.

# Joe L. Tarver 2807 74th ST. Suite #1, Lubbock, TX 79423 Ph 1 (806) 7952042 Fax 1 (806) 748 0676

October 7, 2005

**Oil Conservation Division** 

Re: Well - Russell C5 -- T17S R27E Section 35 Eddy, County

Based on more than 50 years of gathered knowledge of the Empire; Yates 7 Rivers formation there is no hydrogen sulfide present in the formation. Therefore an H2S contingency plan is not required for this well.

Best Regards,

Joe Tarver