Form 3160-5 (August 1999)

Approved by Conditions of approval, If any:

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APROVED OMB NO. 1004-0135 EXPIRES: NOVEMBER 30, 200

Do not use his form for proposals to diff or to re-enter on abandonism well. Les Point 1983 (APP) for such proposals SUBMIT IN TRIPLICATE 1a. Type of Well O I Well Gas Well Other	(Vedias 1999)		U OF LAND MANAGEMENT TICES AND REPORTS ON WE	=118	l s i		OVEMBER 30, 200	00
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2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP 3. Address and Telephone No. P. D. Box 296 - Artesia, NM 88211-0250 505-748-3371 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1980' FNL & 660' FWL Section 17, T-23S R-34E, Unit E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OS SUBMISSION Address and Telephone No. Address and Telephone No. TYPE OF ACTION Address and Telephone No. Address and Te	1a Type of Well	Полин По-	- W-II Dou		7. (Jnit or CA Agreem	nent Name and No.	
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P. O. Box 250 - Artesia, NM 88211-0250 4. Location of Well (Report location dearly and in accordance with Federal requirements)* 1980 FNL & 660 FWL, Section 17, T-23S R-34E, Unit E CMECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Notice of Intent Alter Casing Alter Casing Repair Alter Casing Fracture Treat Conney Name Active Transporarity Abandon Prug and Abandon Prug Back 13 Describe Proposed or Complished Operations (Closery Méde all particus deals, and gave perhentidates, including estimated date of slating any proposed work and approximate duration thereof. If the proposed despendicednary or recomplish In Palina Blanco 17 Com #1 produces approximately 30 bbls of water a day when producing. Water is stored on location in After 9-30-09 the well must be online or plans to P & A must be submitted. PRECEIVED JUL 13 2009 HOBBSOCD 14. I foreby certify that the foregoing is true and correct Regar Homandoz Froduction Foreman Date 6/18/2009 Pale 6/18/2009 Date 6/18/2009 Date 6/18/2009 Date 6/18/2009	DEVON	ENERGY PRODUC	FION COMPANY, LP		9. /	API Well No.		
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Final Abandonment Notice Change Plans Plug and Abandon Temporarily Abandon Water Disposal			I					
Super Plug Back Water Disposal					· ·	handon	✓ Other	
Devon Energy Production Co., LP respectfully requests permission to dispose of water to the Cooper's Disposal, Anderson #1 SWD, permit #R12375, located in Unit O, Section, 8, 120S,37E, Lea County, NM. Produced water would be trucked in Palama Blanco 17 Com #1 produces approximately 30 bbls of water a day when producing. Water is stored on location in produced water tank. NOTE: Well is currently shut-in. After 9-30-09 the well must be online or plans to P & A must be submitted. RECEIVED JUL 13 2009 JUN 3 0 2009 J's/ JD Whitlock Jr BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE 14. Thereby certify that the foregoing is true and correct Signed Kagun Hennaldy, Bulkanady, Bulkanady Production Foreman Date 6/18/2009	Final Abando	onment Notice						
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The 10 0 3 C. Section 1001, makes it a chine for any person knowingly and william to make any department or agency of the Onlied States any false, included or fraudulent statements of representations to any maker within

PETROLEUM ENGINEER

WATER PRODUCTION & DISPOSAL INFORMATION

In order to process your disposal request, the following information must be completed:							
	1 About Blace 17-1						
1	Name of formations producing water on the lease. DelawAre						
2.	Amount of water produced from all formations in barrels per day						
3. the to sampl	Attach a current water analysis of produced water from all zones showing at least tal dissolved solids, ph, and the concentrations of chlorides and sulfates. (One le will suffice if water is commingled.)						
4.	How water is stored on lease. Plus 7 k						
5	How water is moved to the disposal facility Trucked						
6.	A. Facility Operators name.						
	B. Name of facility or well name and number. Anderson #1						
	C. Type of facility or well (WDW) (WIW) etc.						
,	D. Location by 1/4 1/4 O Section Township 205 Range 37E						
7	Attach a copy of the State issued permit for the Disposal Facility						
	See attached copy.						

Submit to this office, **414 W. Taylor**, **Hobbs NM 88240**, the above required information on a Sundry Notice 3160-5 Submit 1 original and 5 copies, within abatement period. (This form may be used as an attachment to the Sundry Notice.) If you need further direction on this matter, feel free to call me @ (575)-393-3612.

Currently well is shut In.

C104AReport

Page 1 of 1

District I 1625 N. Fr. ich Dr., Hobbs, NM 88240 Phone:(50°) 393-6161 Fax:(505) 393-0720

State of New Mexico Energy, Minerals and Natural Resources

Form C-145 Permit 44252

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

Change of Operator

Previous Opera	tor Information	New Operator Information			
		Effective Date:	1/1/2007		
OGRID:	20989	OGRID:	244835		
Name:	SMITH & MARRS INC	Name:	J COOPER ENTERPRISES, INC.		
Address:	PO BOX 863	Address:	PO BOX 55		
Address:		Address:			
City, State, Zip:	KERMIT, TX 79745	City, State, Zip:	MONUMENT, NM 88265		
		t.			

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Printed Name: Printed Name: Jimme Topar

Title: 1-4-2007 Phone: 432-586-307 Wate: 505 Phone: 997. 2045

NMOCD Approval

Electronic Signature: Chris Williams, District 1

Date: <u>January 31, 2007</u>

STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 13511 ORDER NO. R-12375

APPLICATION OF SMITH & MARRS, INC. FOR APPROVAL OF A SALT WATER DISPOSAL WELL, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on June 16, 2005, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 28th day of June, 2005, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

FINDS THAT:

- (1) Due public notice has been given, and the Division has jurisdiction of this case and its subject matter.
- (2) The applicant, Smith & Marrs, Inc. ("Smith & Marrs" or "applicant"), seeks authority to utilize its Anderson Well No. 1 (API No. 30-025-29962), located 330 feet from the South line and 1980 feet from the East line (Unit O) of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to dispose of produced water into the Lower San Andres and Glorieta formations from a depth of 4,350 feet to 5,180 feet.
- (3) Smith & Marrs originally filed the subject application for administrative approval on December 8, 2004. On December 13, 2004, the Division received a letter of objection to the application from Rice Operating Company. On December 15, 2004, the Division also received a letter of objection to the application from Amerada Hess Corporation, an offset operator to the proposed disposal well. The subject application was subsequently set for hearing before a Division examiner.

- (4) Rice Operating Company ("Rice") appeared at the hearing through legal counsel in opposition to the application. Rice cross-examined Smith & Marrs' witness, but presented no evidence or testimony.
 - (5) Amerada Hess Corporation did not appear at the hearing.
 - (6) Smith & Marrs presented evidence that demonstrates that:
 - (a) the injection interval in the Anderson Well No. 1 was originally proposed to encompass the Lower San Andres, Glorieta, Blinebry and Tubb formations; however, due to concerns expressed by Amerada Hess Corporation regarding injection into the Blinebry and Tubb intervals, the injection interval in the well is to be contracted to include only the Lower San Andres and Glorieta intervals from a depth of 4,350 feet to 5,180 feet;
 - (b) the Anderson Well No. 1 is cased and cemented adequately to preclude the movement of fluid from the injection zone into other formations, including any fresh water aquifers;
 - (c) the Anderson Well No. 1 will be utilized for the commercial disposal of produced water from various oil and gas pools in this area. Approximately 3,000-5,000 barrels of water per day will be disposed of in the subject well; and
 - (d) all "area of review" wells are cased and cemented and/or plugged and abandoned adequately so as to confine the injected fluid to the proposed injection interval.

- (7) Rice currently operates three (3) commercial disposal wells in this area. These wells are identified as the: i) EME SWD Well No. 5 (API No. 30-025-05902) located in Unit M of Section 5, Township 20 South, Range 37 East, NMPM; ii) EME SWD Well No. 8 (API No. 30-025-06017) located in Unit G of Section 8, Township 20 South, Range 37 East, NMPM, and; iii) EME SWD Well No. 9 (API No. 30-025-12801) located in Unit M of Section 9, Township 20 South, Range 37 East, NMPM. Testimony in this case demonstrates that all of Rice's wells are injecting into the same interval that will be utilized in the Anderson Well No. 1.
- (8) Rice's concern is that approval of the subject application will adversely affect its ability to inject water into its EME SWD Wells No. 5, 8 and 9 due to the finite reservoir capacity of the San Andres formation.
- (9) The Division is not **statutorily** obligated to protect the rights of operators with regards to conducting produced water disposal operations, unless such injection activities impair an operator's ability to produce hydrocarbons.
- (10) Approval of the application will prevent the drilling of unnecessary wells and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT;

- (1) The applicant, Smith & Marrs, Inc., is hereby authorized to utilize its Anderson Well No. 1 (API No. 30-025-29962), located 330 feet from the South line and 1980 feet from the East line (Unit O) of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to dispose of produced water into the Lower San Andres and Glorieta formations from a depth of 4,350 feet to 5,180 feet.
- (2) The operator shall take all steps necessary to ensure that the injected fluids enter only the proposed injection interval and are not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.
- (3) Injection shall be accomplished through 3-1/2 inch internally plastic-lined tubing installed in a packer set at approximately 4,250 feet. The casing-tubing annulus shall be filled with an inert fluid and a gauge or approved leak-detection device shall be attached to the annulus in order to determine leakage in the casing, tubing, or packer.

- (4) The injection well or **pressurization** system shall be equipped with a pressure control device or acceptable substitute that will limit the surface injection pressure to no more than 870 psi.
- (5) The Division Director may administratively authorize a pressure limitation in excess of the above upon a showing by the operator that such higher pressure will not result in the fracturing of the injection formation or confining strata.
- (6) Prior to commencing injection operations, the applicant shall effectively isolate all formations deeper than the Glorieta formation in the well. This shall be accomplished by setting a cast iron bridge plug (CIBP) with cement on top at a depth of approximately 5,300 feet; provided however, that the supervisor of the Division's Hobbs District Office may approve an alternate method to isolate these formations in the well.
- (7) Prior to commencing injection operations and every five years thereafter, the casing shall be pressure tested throughout the interval from the surface down to the proposed packer setting depth to assure the integrity of such casing.
- (8) The operator shall give advance notice to the Supervisor of the Division's Hobbs District Office of the date and time the following operations are to be conducted on the Anderson Well No. 1 in order that these operations may be witnessed; i) disposal equipment installed; ii) all formations deeper than the Glorieta formation isolated; and iii) the conductance of the mechanicial integrity pressure test.
- (9) The operator shall immediately notify the Supervisor of the Division's Hobbs District Office of the failure of the tubing, casing or packer in the disposal well or the leakage of water, oil or gas from or around any producing or plugged and abandoned well within the area, and shall take all steps as may be timely and necessary to correct such failure or leakage.
- (10) The operator shall submit monthly reports of the disposal operations on Form C-120-A in accordance with Division Rules No. 19.15.9.706 and 19.15.13.1120.
- (11) The injection authority granted herein for the Anderson Well No. 1 shall terminate one year after the date of this order if the operator has not commenced injection operations into the well; provided, however, the Division, upon written request by the operator, may grant an extension for good cause.

- (12) Pursuant to the requirements set forth on Part VI(4) of Division Form C-108, the applicant shall provide the Division an analysis of all source water that is to be disposed of in the Anderson Well No. 1. This shall be accomplished within six months after commencement of injection operations, and each time thereafter a new source of injected fluid is placed in the well.
- (13) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

SEAL

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MARK E. FESMIRE, P. E.

Director