Form 3 160-5 (Augast 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reented

OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

NM-28297

6. If Indian, Allottee or Tribe Name

abandoned well.	•	Not Applicable				
SUBMIT IN TRIPE	side 7.	If Unit or CA/Agreement, Name and/o				
1. Type of Well Oil Well Sas Well 2. Name of Operator Yates Petroleum Corporation 3a. Address 105 South Fourth Street, Arte 4. Location of Well (Footage, Sec., 7 1980' FNL and 1980' FEL, U Section 25, T5S-R24E 12. CHECK APPROX	9. 10. 11. C	8. Well Name and No. Everette OO Federal Com #9 9. API Well No. 30-005-63649 10. Field and Pool, or Exploratory Area Wildcat Precambrian 11. County or Parish, State Chaves County, New Mexico ORT, OR OTHER DATA				
TYPE OF SUBMISSION		ТҮРЕ С	F ACTION			
Notice of Intent Acidize						
		ENDING	MAR 3 1 2008			
Thank you.						
14. I hereby certify that the foregoing Name (Printed/Typed) Debbie L. Caffall / d	ebbiec@ypcnm.com	Title Reg	ulatory Agent / March 1	Land Department		
	THIS SPACE FOR	FEDERAL OR STA	re use			
Approved by /S/ DAVII Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	itable title to those rights in the subject	rant or Office	UM ENGINEER	Date MAR 0 8 2007		

Title 18 U.S.C. Section 1001, 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)

Previously Approved

C-144 Attached PPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Energy, Minerals & Natural Resources Departments

CONSERVATION DIVISION

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

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

			WELL LC		AND ACK	EAGE DEDICA	ATION PLAT			
1	API Numbe	r		² Pool Code		³ Pool Name				
							Wildcat Preca	mbrian		
4 Property	Code	5 Pr				ime		6 V	Vell Number	
				EV	ERETTE OO FEI	DERAL COM			9	
⁷ OGRID	No.				8 Operator Na	ame		5	Elevation	
025575	5			YATE	S PETROLEUM (CORPORATION			3875'	
					¹⁰ Surface L	ocation				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	eet from the East/West line County		
G	25	5S	24E		1980	NORTH	1980 EAST CH		CHAVES	
	1		¹¹ Bc	ttom Hol	e 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	
12 Dedicated Acre 320 - N/2	s ¹³ Joint o	r Infili	14 Consolidation	Code 15 Ore	ler No.		l	<u></u> I		
No allowable division.	will be as	signed to	this complet	ion until al	interests have b	een consolidated o	17 OPE	CRATOR CERT		

16				17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and complete
	FEE			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
		28 %		the proposed bottom hole location or has a right to drill this well at this
		0		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
			1	order heretofore entered by the division.
!	NM-28297			Signature Date
	NH 20257		12061	Debbie Caffall
		.	1980'	Printed Name
				Regulatory Agent Title
				¹⁸ 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
				Signature and Seal of Professional Surveyor:
				REFER TO ORIGINAL PLAT
				Certificate Number
				SOME ALLEGANDE A THE LIBERT OF

DISTRICT I

State of New Mexico Jeorge Masses and Return Resources Reportment

Form C-102
Revised February 10, 1804
Instruction on bank
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

EVERENESSIONAL CD-1

DISTRICT II

DISTRICT III 1000 Bio Bruson Rd., Anton, 104 87410

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

II AMERIDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number	Foot Code			Wildcat Pre			Pool Name Wildcat Precambrian				
Property (Property Code			Property Name EVERETTE OO FEDERAL COM. 9			· · · ·					
025575	D.		TIDE OF TENENTS			Operator Homes			3875	ilon.		
					Surface	Loca	ation					
UL or lot No.	Section	Township	Range	Let like	Foot from	the	North/South line	Feet from the	East/Vest line	County		
G	25	55	24E	<u> </u>	1980		NORTH	1980	EAST	CHAVES		
			Bottom				rent From Sur					
UL er let No.	Section.	Township	Range	let lib	Fort from	the	Harth/South Mac	Fast from the	Enst/West line	County		
320-N/2 NO ALLO		TILL BE A		TO THIS			INTIL ALL INTER APPROVED BY		KEN CONSOLIDA	ATED		
		FEE			,086			I herel	OR CERTIFICATION of control of the c	Jermalien.		
		NM-:	28297	4013			- 1980'	Debbie Contract Name Regulator 2/21/200 Date	ry Agent	<u>გ</u>		
								I havely cartifor Side plat a served surpervisor, a correct to to	1/04/2001 HELL JONES	ion shown i notes of under my i true and		

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

Form C-144 March 12, 2004

105 South Fourth Street, Artesia, NM 88210

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covere		-	
Type of action: Registration of a pit or Operator: Yates Petroleum Corporation Telephor Address: 104 South 4th Street, Artesia, New Mexico 88210 Facility or well name: Everette OO Federal Com. #9 API#: 30-005-	ne: 505-748-4376 e-mail address: debbiec@	wpchm.com	 _
County: Chaves Latitude Longitude	NAD: 1927 🗌 1983 🔲 Surface Owner	: Federal State	Private Indian
Type: Drilling of Production Disposal Workover Emergency Lined Unlined Liner type: Synthetic Thickness 12 mil Clay Volume bbl	Releve-grade tank Volume:bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes If		
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)	RECEIVED
Wellhead 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)	NOV 0 3 2004 OBP-ARTESM
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)	20	
If this is a pit cleaver: (1) attach a diagram of the facility showing the pit's onsite offsite If offsite, name of facility date. (4) Groundwater encountered: No Yes If yes, show depth belo diagram of sample locations and excavations. I hereby certify that the information above is true and complete to the best of been/will be constructed or closed according to NMOCD guidelines , a Date: 11/3/2004 Printed Name/Title Robert Asher/Regulatory Agent Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve the	(3) Attach a general description of remedial ow ground surface ft. and attach surmy knowledge and belief. I further certify that a general persuit 10, or an (attached) alternative Signature relieve the operator of liability should the contents	action taken including a mple results. (5) Attack the above-described plane (OCD-approved plane of the pit or tank contracts.	emediation start date and end a soil sample results and a k or below-grade tank has
Approval: NOV - 8 2004 Date: Printed Name/Title As a condition of approval, if durin construction water is encountered of if water seeps in pits after construction the OCD MUST BE CONTACTED IMMEDIATELY	As a condition of a detailed closure must be filed before	approval plan ore	

EXHIBIT A

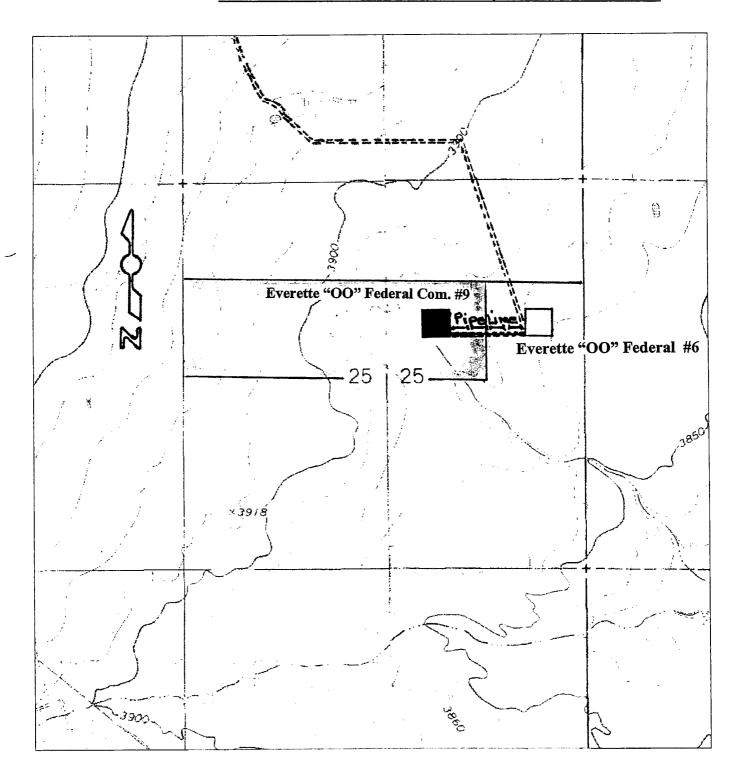
Operator: Yates Petroleum Corporation

BLM Serial Number: NM-28297

Well Name & NO.: Everette "OO" Federal Com. #9

Location: Section 25, T. 5 S., R. 24 E.

1980' FNL & 1980' FEL, Chaves County, N.M.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

EXHIBIT B

WELL DRILLING REQUIREMENTS

1 of 5 pages

OPERATORS NAME: Yates Petroleum Corporation LEASE NO.: NM-28297

WELL NAME & NO: Everette "OO" Federal Com. #9

QUARTER/QUARTER & FOOTAGE: SW'4NE'4 - 1980' FNL & 1980' FEL

LOCATION: Section 25, T. 5 S., R. 24 E., NMPM

COUNTY: Chaves County, New Mexico

I. GENERAL PROVISIONS:

A. The operator has the right of administrative review of these requirements pursuant to 43 CFR 3165.1(a).

B. The operator shall hereafter be identified as the holder in these requirements. The Authorized Officer is the person who approves the Well Drilling Requirements.

II. WELL PAD CONSTRUCTION REQUIREMENTS:

A. The BLM shall administer compliance and monitor construction of the access road and well pad. Notify **Richard G. Hill** at least <u>3</u> working days (72 Hours) prior to commencing construction of the access road and/or well pad. Roswell Field Office number (505) 627-0247.

- B. Prior to commencing construction of the access road, well pad, or other associated developments, the holder shall provide the dirt contractor with a copy of the approved APD signature page, a copy of the location map (EXHIBIT A), a copy of pages 1 & 2 from the Well Drilling Requirements (EXHIBIT B), and a copy of the Permanent Resource Road Requirements (EXHIBIT D).
- C. The holder shall stockpile the topsoil from the surface of the well pad. The topsoil on the **Everette** "OO" Federal Com. #9 well pad is approximate 6 inches in depth. Approximately 800 cubic yards of topsoil shall be stockpiled on the **Southeast** corner of the well pad, opposite the reserve pit.

D. Reserve Pit Requirements:

- 1. The reserve pit shall be constructed 175' X 150' on the North side of the well pad.
- 2. The reserve pit shall be constructed to a minimum depth of four (4) feet below ground level. The reserve pit shall be constructed, so that the cuttings in the reserve pit can be buried a minimum depth of three (3) feet below ground level. See Exhibit F Surface Reclamation/Restoration Requirements.
- 3. A synthetic or fabricated liner 12 mil in thickness shall be used to line the reserve pit. The liner shall meet ASTM standards that are designed to be resistant to the reserve pit contents.

WELL DRILLING REQUIREMENTS

2 of 5 pages

- 4. The reserve pit shall be fenced on three (3) sides during drilling operations. The fourth side shall be fenced immediately upon rig release.
 - 5. The reserve pit shall be constructed so as not to leak, break, or allow discharge of drilling muds. Under no circumstances will the reserve pit be cut to drain drilling muds on the well location.
 - 6. The reserve pit shall not be located in any natural drainage.
 - 7. The reserve pit shall be equipped to deter entry by birds, bats, other wildlife, and livestock, if the reserve pit contains any oil and/or toxic fluids.
 - 8. Drilling muds shall be properly disposed of before the reserve pit is reclaimed. Drilling muds can be allowed to evaporate in the reserve pit or be removed and transported to an authorized disposal site. The reserve pit shall be backfilled when dry.
 - 9. Dumping of junk or trash into the reserve pit is not allowed. Junk or trash shall be removed from within the reserve pit before the reserve pit is reclaimed. Junk or trash shall not be buried in the reserve pit.

E. Federal Mineral Materials Pit Requirements:

- 1. Caliche, gravel, or other related materials from new or existing pits on Federal mineral estate shall not be taken without prior approval from the authorized officer. Contact Jerry Dutchover at (505) 627-0236.
- 2. Payment for any Federal mineral materials that will be used to surface the access road and the well pad is required prior to removal of the mineral materials.
- 3. Mineral Materials extracted during construction of the reserve pit may be used for development of the pad and access road as needed, for the Everette "OO" Federal Com. #9 gas well only. Removal of any additional material on location must be purchased from BLM prior to removal of any material.
 - a. An optional mineral material pit may be constructed within the archaeologically cleared area. The mineral material removed in the process can be used for pad and access road construction. However, a mineral material sales contract must be purchased from the BLM prior to removal of any material.

F. Well Pad Surfacing Requirement:

The well pad shall be surfaced with <u>6</u> inches of compacted caliche, gravel, or other approved surfacing material. The well pad shall be surfaced prior to drilling operations. See <u>Permanent Resource Road Requirements</u> - EXHIBIT D - requirement #4, for road surfacing.

G. Cave Requirements:

- 1. If, during any construction activities any sinkholes or cave openings are discovered, all construction activities shall immediately cease. Contact <u>Bill Murry</u> at (505) 627-0220.
- 2. The BLM Authorized Officer will, within 24 hours of notification in "A" above, conduct an on-the-ground field inspection for karst. At the field inspection the authorized field inspector will authorize or suggest mitigating measures to lessen the damage to the karst environment. A verbal order to proceed or stop the operation will be issued at that time.

WELL DRILLING REQUIREMENTS

3 of 5 pages

III. DRILLING OPERATION REQUIREMENTS:

A. GENERAL DRILLING REQUIREMENTS:

- 1. The Bureau of Land Management (BLM) is to be notified at the Roswell Field Office, 2909 West Second St., Roswell NM 88201, (505) 627-0272, in sufficient time for a representative to witness:
- A. Spudding B. Cementing casing: 1134 inch 85% inch 51/2 inch C. BOP tests
- 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.
- 5. A Communitization Agreement covering the acreage dedicated to this well must be filed for approval with the BLM. The effective date of the agreement shall be prior to any sales.

B. CASING:

- 1. The 113/4 inch surface casing shall be set at 1000 FT and cement circulated to the surface. If cement does not circulate to the surface the appropriate BLM office shall be notified and a temperature survey or cement bond log shall be run to verify the top of the cement. Remedial cementing shall be completed prior to drilling out that string.
- 2. The minimum required fill of cement behind the 85% inch intermediate casing is with sufficient amount of cement to bring it 200 feet above the casing shoe.
- 3. The minimum required fill of cement behind the 5½ inch production casing is cement shall extend upward a minimum of 500 feet above the uppermost perforation.

C. PRESSURE CONTROL:

- 1. All BOP systems and related equipment shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2. The BOP and related equipment shall be installed and operational before drilling below the 1134 inch casing shoe and shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.
- 2. Minimum working pressure of the blowout preventer and related equipment (BOPE) shall be 2000 psi.
- 3. The appropriate BLM office shall be notified in sufficient time for a representative to witness the tests.
- \$ The results of the test shall be reported to the appropriate BLM office.
- For the string fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.
- s Testing must be done in a safe workman-like manner. Hard line connections shall be required.

IV. ON LEASE - WELL REQUIREMENTS:

A. The holder shall post signs identifying the location permitted herein with the requirements contained in Onshore Oil and Gas Order #1 and 43 CFR 3162.6.

B. The following data is required on the well sign that shall be posted in a conspicuous place on the well pad. The communitization agreement number shall be posted on the well sign. The sign shall be kept up with current identification and shall be legible for as long as the well is in existence:

Operator Name: Yates Petroleum Corporation

Well Name & No.: Everette "OO" Federal Com. #9

Lease No.: NM-28297

Footage: 1980' FNL & 1980' FEL Location: Section 25, T. 5 S., R. 24 E.

- C. UPON ABANDONMENT OF THE WELL, THE SAME INFORMATION SHALL BE INSCRIBED ON THE DRY HOLE MARKER WITH A BEADED WELD.
- D. The approval of the APD does not in any way imply or grant approval of any on-lease, off-lease, or off-unit action(s). It is the responsibility of the holder to obtain other approval(s) such as rights-of-way from the Roswell Field Office or other agencies, including private surface landowner(s).
- E. All vehicles, including caterpillar track-type tractors, motor graders, off-highway trucks and any other type of motorized equipment that is used in the construction of the access road and well pad shall be confined to the area(s) herein approved. The drilling rig that is used to drill the well shall also be confined to the approved area(s).

F. Containment Structure Requirement:

- 1. A containment structure or earthen dike shall be constructed and maintained around all storage facilities/batteries. The containment structure or earthen dike shall surround the storage facilities/batteries.
- 2. The containment structure or earthen dike shall be constructed two (2) feet high around the facilities/batteries (the containment structure or earthen dike can be constructed higher than the two (2) feet high minimum).
- 3. The perimeter of the containment structure or earthen dike can be constructed substantial larger for greater holding capacity of the contents of the largest tank.
- 4. The containment structure or earthen dike shall be constructed so that in case of a spill the structure can contain the entire contents of the largest tank, plus 24 hour production, within the containment structure or earthen dike, unless more stringent protective requirements are deemed necessary by the Authorized Officer.

G. Painting Requirement:

All above-ground structures (e.g.: meter houses, tanks, above ground pipelines, and related appurtenance, etc.) not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape.

The paint used shall be a color which simulates "Standard Environmental Colors" designated by the Rocky Mountain Five-State Interagency Committee. The color selected for this project is **Olive Drab**, Munsell Soil Color Chart Number **18-0622 TPX**.

H. Fence Requirement:

The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair impacted improvements to at least their former state. On private surface the holder shall contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence. No permanent gates shall be allowed unless approved by the Authorized Officer.

I. Open-vent Exhaust Stack Requirements:

- 1. All open-vent exhaust stacks associated with heater-treater, separators and dehydrator units shall be modified to prevent birds and bats from entering them and to the extent practical to discourage perching and nesting.
- 2. New production equipment installed on federal leases after November 1st, 1993, shall have the openvent exhaust stacks constructed to prevent the entry of birds and bats and to the extent practical, to discourage perching, and nesting.

V. Invasive and Noxious Weeds Requirement:

- A. The holder shall be held responsible if noxious weeds become established within the area. Evaluation of the growth of noxious weeds shall be made upon discovery. Weed control will be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipelines, and adjacent land affected by the establishment of weeds due to this action. The holder is responsible for consultation with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policy.
- B. The holder shall insure that the equipment and or vehicles that will be used to construct, maintain and administer the access roads, well pad and resulting well are not polluted with invasive and noxious weed seed. Transporting of invasive and noxious weed seed could occur if the equipment and vehicles were previously used in noxious weed infested areas. In order to prevent the spread of noxious weeds, the Authorized Officer shall require that the equipment and vehicles be cleaned with either high pressure water or air prior to construction, maintenance and administration of the access roads, well pad, and resulting well.

VI. SPECIAL REQUIREMENT(S):

A. Low-profile facilities no greater than eight-feet-high shall be used. If necessary, multiple tanks shall be used.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

EXHIBIT C

1 of 3 pages

CONDITIONS OF APPROVAL

OPERATOR: Yates Petroleum Corporation

LEASE NO: NM- 28297

WELL NAME & NO.: Everette "OO" Federal Com. #9

LOCATION: Section 25 T. 5 S., R. 24 E., N.M.P.M.

QUARTER/QUARTER & FOOTAGE: SW¼NE¼ - 1980' FNL & 1980' FEL

COUNTY: Chaves County, New Mexico

GENERAL CONDITIONS OF APPROVAL:

- 1. The **operator** shall hereafter be identified as the **holder** in these requirements. The Authorized Officer is the person who approves the Conditions Of Approval.
- 2. The holder shall indemnify the United States against any liability for damage to life or property arising from occupancy or use of public lands under this authorization.
- 3. The holder shall have surface use approval prior to any construction work on change(s) or modification(s) to the access road and/or well pad. The holder shall submit (Form 3160-5), Sundry Notice and Report On Wells, an original plus one (1) copy to the Roswell Field Office, stating the basis for any changes to previously approved plans. Prior to any revised construction the holder shall have an approved Sundry Notice and Report On Wells or written authorization to proceed with the change in plans ratified by the Authorized Officer.

4. Weed Control:

A. The holder shall be held responsible if noxious weeds become established within the area. Evaluation of the growth of noxious weeds shall be made upon discovery. Weed control will be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipelines, and adjacent land affected by the establishment of weeds due to this action. The holder is responsible for consultation with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policy.

B. The holder shall insure that the equipment and or vehicles that will be used to construct, maintain and administer the access roads, well pad and resulting well are not polluted with invasive and noxious weed seed. Transporting of invasive and noxious weed seed could occur if the equipment and vehicles were previously used in noxious weed infested areas. In order to prevent the spread of noxious weeds, the Authorized Officer shall require that the equipment and vehicles be cleaned with either high pressure water or air prior to construction, maintenance and administration of the access roads, well pad, and resulting well.

5. Hazardous Substances:

- a. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act Of 1976, as amended (15 U.S.C. 2601, et. seg.) with regard to any toxic substances that are used, generated by or stored on the project/pipeline route or on facilities authorized. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193). Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation and Liability Act, Section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the Authorized Officer concurrent with the filing of the reports to the involved Federal agency or State government.
- b. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substances or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et. seg. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et. seg.) on this project/pipeline (unless the release or threatened release is wholly unrelated to the holder's activity on the pipeline). This agreement applies without regard to whether a release is caused by the operator, its agent, or unrelated third parties.

6. Undesirable Events:

If, during any phase of the construction, operation, maintenance, or termination of the authorization, any oil or other pollutants, should be discharged, and impacting Federal lands, the control and total removal, disposal, and cleaning up of such oil or other pollutants, wherever found, shall be the responsibility of the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages to Federal lands resulting therefrom, the Authorized Officer may take such measures as deemed necessary to control and cleanup the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any liability or responsibility.

7. Archaeological, Paleontology, and Historical Sites:

- a. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on public or Federal land shall be immediately reported to the Authorized Officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder shall be responsible for the cost of evaluation and any decision as to the proper mitigation measures will be made by the Authorized Officer after consulting with the holder.
- b. The holder is hereby obligated to comply with procedures established in the Native American Graves Protection and Repatriation Act (NAGPRA) to protect such cultural items as human remains, associated funerary objects, sacred objects, and objects of cultural patrimony discovered inadvertently during the course of project implementation. In the event that any of the cultural items listed above are discovered during the course of the project work, the holder shall immediately halt the disturbance and contact the BLM within 24 hours for instructions. The holder or initiator of any project shall be held responsible for protecting, evaluating, reporting, excavating, treating, and disposing of these cultural items according to the procedures established by the BLM in consultation with Indian Tribes. Any unauthorized collection or disturbance of cultural resources may result in a shutdown order by the Authorized Officer.

8. Sanitation:

The holder shall be responsible for maintaining the site in a sanitary condition at all times; waste materials shall be disposed of promptly at an appropriate waste disposal site. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, oil drums, petroleum products, ashes, and equipment.

- 9. **Open-top Tanks:** Any open-top tank containing oil and/or toxic fluids shall be covered with netting or equipped to prevent birds, bats, and other wildlife from entering the open-top tank.
- 10. Other: None



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell Field Office 2909 West Second Street Roswell, New Mexico 88201

EXHIBIT D

1 of 6 pages

PERMANENT RESOURCE ROAD REQUIREMENTS

OPERATOR: Yates Petroleum Corporation
LEASE NO: NM- 28297
WELL NAME & NO.: Everette "OO" Federal Com. #9
LOCATION: Section 25 T. 5 S., R. 24 E., N.M.P.M.
QUARTER/QUARTER & FOOTAGE: SW¼NE¼ - 1980' FNL & 1980' FEL
COUNTY: Chaves County, New Mexico

The holder agrees to comply with the following requirements:

1. GENERAL REQUIREMENTS:

- A. The **operator** shall hereafter be identified as the **holder** in these requirements. The Authorized Officer is the person who approves the Permanent Resource Road Requirements.
- B. The holder shall minimize any disturbance to structures on public domain surface. Damages caused to any structure during road construction operations shall be promptly repaired by the holder. Functional use of any structure shall be maintained at all times. The holder shall make a documented good-faith effort to contact the owner prior to disturbing any structure.
- C. When necessary to pass through an existing fence line, the fence shall be braced on both sides of the passageway prior to cutting and the fence shall be promptly repaired to at least it's former state or to a higher standard than it was previously constructed.
- D. A professional engineer shall design the access road if the road grade exceeds 10 percent slope.

2. INGRESS AND EGRESS:

The access road shall be constructed to access the well pad on the **Southeast** corner of the well pad to comply with the planned access road route.

3. ROAD TRAVELWAY WIDTH:

The travelway of the road shall be constructed <u>14</u> feet wide. The maximum width of surface disturbance shall not exceed <u>30</u> feet of road construction. The specified travelway width is 14 feet for all road travelway surfaces unless the Authorized Officer approves a different width.

4. SURFACING:

PERMANENT RESOURCE ROAD REQUIREMENTS

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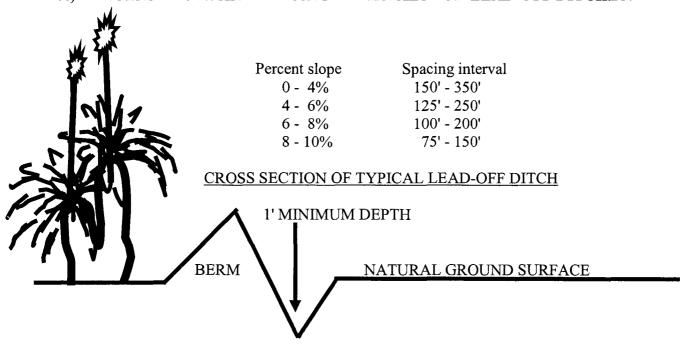
- A. Beginning from the dedicated road (county road and/or state highway) all access roads on federal surface and the entire length of the new access road travelway shall be surfaced prior to drilling operations.
- B. <u>The access road travelway shall be surfaced</u> with caliche or gravel material. If other surfacing material is used, the new type of material shall be approved by the Authorized Officer. The travelway of the road shall be surfaced with <u>caliche</u> material. The caliche material shall be compacted to a minimum thickness of <u>6</u> inches for the entire length of the travelway surface on the access road. The width of surfacing shall not be less than 14 feet of travelway surface. Prior to using any mineral materials from an existing federal pit, authorization must first be obtained from the Authorized Officer.

5. CROWNING AND DITCHING:

Crowning with materials on site and ditching on one side of the road, on the uphill side, shall be required. The road cross section shall conform to the cross section diagrams in Figure 1 (attached page 6). Where conditions dictate, ditching shall be required on both sides of the road. The road crown shall have a grade of approximately 2% (i.e., a 1" crown on a 14' wide road).

6. DRAINAGE:

- A. Drainage control shall be ensured over the entire road through the construction of ditches, sidehill outsloping and insloping, lead-off ditches, culvert installation, and low water crossings.
- B. All lead-off ditches shall be graded to drain water with a 1 percent minimum to 3 percent maximum ditch slope. The spacing interval for lead-off ditches shall be determined according to the following table, but may be amended depending upon existing soil types and centerline road slope (in %):PERCENT SLOPE AND SPACING INTERVALS FOR LEAD-OFF DITCHES:



C. A typical lead-off ditch has a minimum depth of 1 foot below and a berm of 6 inches above natural ground level. The berm shall be on the down-slope side of the lead-off ditch.

PERMANENT RESOURCE ROAD REQUIREMENTS

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D. On road slopes exceeding 2%, water flow shall drain water into an adjacent lead-off ditch. Water flow drainage location and spacing shall be determined by the following formula:

FORMULA FOR SPACING INTERVAL OF LEAD-OFF DITCHES:

Ex. 4% slope: spacing interval = $\frac{400}{4}$ + 100 = 200 feet

7. CULVERT INSTALLATION: No culverts are required on this road.

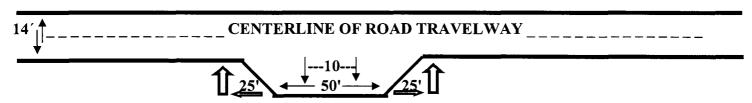
ONE (1) CULVERT SHALL BE INSTALLED AT THE DEEP WATERWAY CHANNEL FLOW CROSSING IN THE XX¼XX¼ OF SECTION - T. S. - R. E. (SEE EXHIBIT A - LOCATION MAP).

Culvert pipes shall be used where ravines, arroyo gullies, and deep waterway channel flows are crossed by the access road construction route. The culvert(s) shall not be less than XX inches in diameter (minimum 18 inch culvert). The location for the culvert installation is designated on the attached map - **EXHIBIT A**. (A culvert pipe installation diagram shall be attached to this requirement when a culvert is required to be installed, see EXHIBIT - X).

8. TURNOUTS:

Vehicle turnouts shall be constructed on all single lane roads (unless the Authorized Officer determines that the turnouts are not required). Turnouts shall be intervisible and shall be constructed on all blind curves with additional turnouts as needed to keep spacing below 1000 feet. Turnouts shall conform to the following diagram:

STANDARD TURNOUT - PLAN VIEW



9. CATTLEGUARDS: NONE REQUIRED

- A. ONE (1) CATTLEGUARD SHALL BE INSTALLED AT THE FENCE CROSSING IN THE XX¼XX¼ OF SECTION T. S. R. E. (SEE EXHIBIT A LOCATION MAP).
- B. A cattleguard installation diagram shall be attached to this stipulation when a cattleguard is required to be installed see EXHIBIT X DIAGRAM A & B).
- C. The existing cattleguard(s) on the access road shall be replaced if they are damaged from heavy vehicular traffic use and the Authorized Officer determines that a new cattleguard shall be installed where the existing in place cattleguard(s) have deteriorated beyond practical use. The holder shall be held responsible for the condition of the existing in place cattleguard(s) that are utilized for vehicular traffic use on lease operations by the holder.

PERMANENT RESOURCE ROAD REQUIREMENTS

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D. Where used, all cattleguard grids and foundation designs and construction shall meet the American Association of State Highway and Transportation Officials (AASHTO) Load Rating H-20, although AASHTO U-80 rated grids shall be required where heavy loads, (exceeding H-20 loading,) are anticipated. (See BLM standard drawings for cattleguards – Exhibit X – Diagram A & B). Cattleguard grid length shall not be less than 8 feet and width of not less than 14 feet. A wire gate (16-foot minimum width) will be provided on one side of the cattleguard unless requested otherwise by the surface user.

10. MAINTENANCE:

- A. The holder shall maintain the road in a safe, usable condition. A maintenance program shall include, but not be limited to blading, ditching, culvert installation, culvert cleaning, cattleguard maintenance, surfacing, and weed control.
- B. The holder shall cooperate with other authorized users in maintenance of the road(s). Failure of the holder to share maintenance costs in dollars, equipment, materials, and manpower proportionate to the holders use with other authorized users may be adequate grounds to terminate the road use. The determination as to whether maintenance expenditures have been withheld by the holder and the decision to terminate the road use shall be at the discretion of the Authorized Officer. Upon request, the Authorized Officer shall be provided with copies of any maintenance agreements entered into by the holder.

11. PUBLIC ACCESS:

A Public access on this road shall not be restricted by the holder without specific written approval being granted by the Authorized Officer. Gates or cattleguards on public lands shall not be locked or closed to public use unless closure is absolutely necessary and is authorized in writing by the Authorized Officer.

12. ROAD REHABILITATION REQUIREMENTS:

A. SEE -SURFACE RECLAMATION/RESTORATION REQUIREMENTS - Exhibit E.

B. On private estate land the restoration procedures on the reclamation of the access road shall be accomplished in accordance with the Private Surface Land Owner concurrence. If the surface land owner does not retain the access road for his ranch operations, upon abandonment of this well, the surface material (caliche/gravel) shall be removed from the access road. The removal of the surface material on the road could be re-used for maintenance of other federal roads within close proximity of the reclaimed area or properly disposed of in a federal mineral material pit.

13. SPECIAL REQUIREMENT(S):

A. On Federal surface, approximately 550 feet of gas pipeline shall be constructed 25 feet from the centerline of the existing road and on the **north** side of the new access road (See map - EXHIBIT A). The holder shall construct the gas pipeline in accordance with the requirements recommended for the pipeline construction (See - EXHIBIT E). The holder shall be held liable for any unsafe construction operations that threaten human life and/or cause the destruction of equipment.

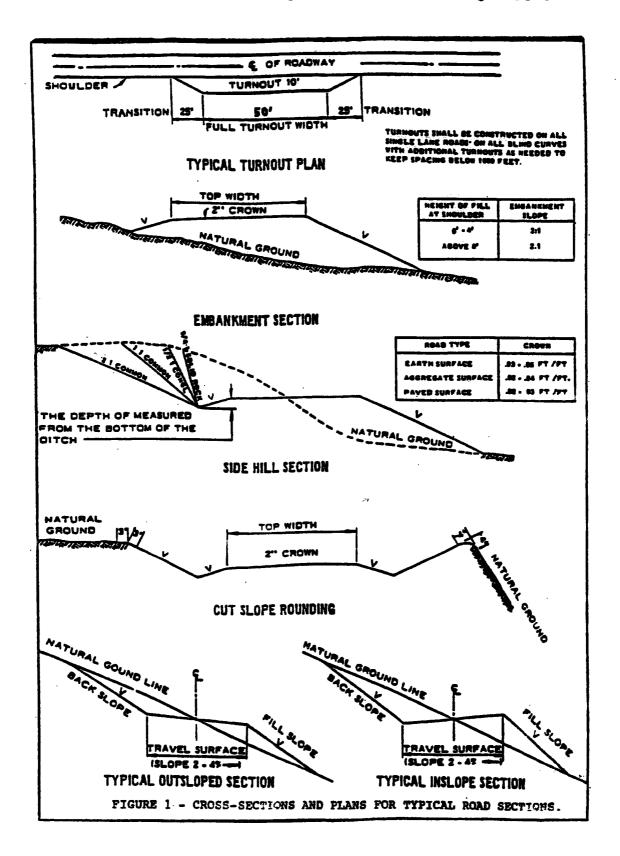


EXHIBIT A

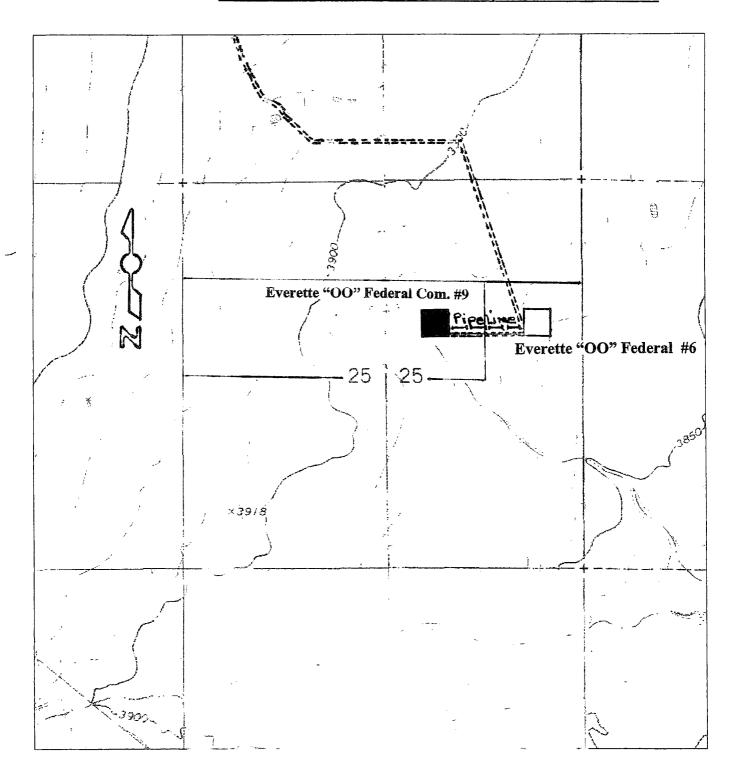
6 of 6 pages

Operator: Yates Petroleum Corporation

BLM Serial Number: NM-28297

Well Name & NO.: Everette "OO" Federal Com. #9 Location: Section 25, T. 5 S., R. 24 E.

1980' FNL & 1980' FEL, Chaves County, N.M.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

EXHIBIT E

Page 1 of 5

ROSWELL FIELD OFFICE -BLM
BLM Serial Number: NM-28297
Company Name: Yates Petroleum Corporation
Well Name and Number: Everette "OO" Federal Com. #9

BURIED PIPELINE STIPULATIONS FOR THE ROSWELL FIELD OFFICE, BLM.

- 1. THE APD AND/OR THE SUNDRY NOTICE WAS USED FOR THE ON-LEASE BURIED PIPELINE CONSTRUCTION.
- a. The APD and/or Sundry Notice And Report On Wells can act, to the extent possible, as an application for the on-lease construction of the buried pipeline on Federal surface lands. In combination with the approved APD, the following standard terms and conditions are hereby attached to the APD/SN on-lease authorization.
- b. The holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer, BLM.
- c. The BLM shall administer compliance and monitor construction of the pipeline. Notify <u>Richard G. Hill</u> at least <u>3</u> working days (72 Hours) prior to commencing construction of the pipeline. Roswell Field Office number (505) 627-0247.

2. PIPELINE CONSTRUCTION:

- A.) The federal surface segment of pipeline (550 feet) shall be buried in a trench 36 inches deep and 46 inches deep under all existing access roads.
- B.) A 2 inch X-42 natural gas steel pipeline shall parallel the new access road on the north side of the road. The pipeline is 1,100 feet (0.1 mile/550 feet is on federal surface and 0.1 mile/550 feet is on private surface) in length.
- C.) The pipeline centerline shall be constructed 25 feet from the centerline of the access road.
- D.) The holder shall consult with the Authorized Officer if the depth cannot be accomplished due to rock outcropping, or if the soils are not deep enough.
- E.) The operations shall be contained within the perimeters of the archaeological surveyed areas.

- 3. The holder shall conduct all activities associated with the construction, operation, and removal of the pipeline within the authorized limits of the pipeline corridor, not to exceed 20 feet. The holder shall consult with the Authorized Officer prior to utilizing more surface then the allowable limits of the pipeline corridor or for approval of any changes that are made to the pipeline route.
- 4. Clearing and/or blading of all vegetation shall be allowed. Clearing is defined as the removal of brush while leaving ground vegetation (grasses, weeds, etc.) intact. Clearing is best accomplished by holding the blade 4 to 6 inches above the ground surface to reap the vegetation. Blading is defined as the complete removal of brush and ground vegetation. Where blading and/or clearing is allowed, the maximum surface disturbance width of these operations shall not exceed 20 feet.
- 5. The pipeline shall be buried under all roads. The holder shall bury the pipeline 48 inches deep and 30 feet across all road crossings. The pipeline shall be buried 48 inches deep in order for the buried pipeline to be covered with a layer of soil 45 inches in depth between the top of the pipeline and the road surface level. The width of maximum disturbance on all roads is 30 feet and in order to secure that the buried pipeline is protected from maintenance and/or renovation work on the roads, the holder is required to start and end construction of the buried pipeline outside the perimeters of the road width maximum disturbance width. The holder shall consult with the Authorized Officer if the depth cannot be accomplished due to rock outcropping, or if the soils are not deep enough.
- 6. The approval of this APD/SN for pipeline construction does not in any way imply or approve any other on-lease, off-lease, or off-unit action(s). It is the responsibility of the holder to obtain other approval(s) such as rights-of-way from the Roswell Field Office or other agencies, including private surface landowner(s).
- 7. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this authorization.
- 8. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976, as amended (15 U.S.C. 2601, et. seq.) with regard to any toxic substances that are used, generated by, or stored on the pipeline corridor. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation and Liability Act, Section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the Authorized Officer concurrent with the filing of the reports to the involved Federal agency or State government.
- 9. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et. seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et. seq.) on the pipeline corridor (unless the release or threatened release is wholly unrelated to the holder's activity on the pipeline corridor). This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.

Exhibit E

- 10. If, during any phase of the construction, operation, maintenance, or termination of the pipeline, any gas, or other pollutant should be discharged, impacting Federal lands, the control and total removal, disposal, and cleaning up of such pollutants, wherever found, shall be the responsibility of the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on, or affecting Federal lands, or to repair all damages to Federal lands resulting therefrom, the Authorized Officer may take such measures as deemed necessary to control and cleanup the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any liability or responsibility.
- 11. The holder shall minimize disturbance to existing fences and other improvements or facilities on public lands. When necessary to pass through a fence line, the fence will be braced on both sides of the passageway prior to cutting of the fence. No permanent gates will be allowed unless approved by the Authorized Officer. The holder is required to promptly repair impacted improvements or facilities to at least their former state. The holder shall contact the owner(s) of any improvements or facilities prior to disturbing them.
- 12. Vegetation, soil, and rocks left as a result of the pipeline construction, or maintenance activity will be randomly scattered over the project area and will not be left in rows, piles, or berms, unless otherwise approved by the Authorized Officer. An earthen berm is approved to be left over the ditch line to allow for the trench settling back to grade.
- 13. In those areas where erosion control structures are required to stabilize soil conditions, the holder shall install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound management practices. Any earth work not specifically granted by this authorization shall require prior approval by the Authorized Officer.
- 14. The holder shall seed all surface disturbed by the pipeline construction activities. Seeding is required on the disturbed areas and the seed mixture was determined by the Roswell Field Office for the Desired Plant Community on this pipeline project.
- A. Desired Plant Community seed mixture to be planted in pounds of pure live seed per acre:

CP-2 Loamy Ecological Site

BLUE GRAMA, var. Lovington (Bouteloua gracilis)	4.00 Lbs.
SIDEOATES GRAMA (Bouteloua curtipendula)	1.00 Lb.
var. Vaughn or El Reno	
SAND DROPSEED (Sporobolus cryptandrus)	0.50 Lb.
VINE MESQUITE (Panicum obtusum)	1.00 Lb.
PLAINS BRISTLEGRASS (Setaria macrostachya)	1.00 Lb.
INDIAN BLANKETFLOWER (Gaillardia aristata)	0.50 Lb.
DESERT or SCARLET (Sphaeralcea ambigua or	
GLOBEMALLOW S. coccinca)	1.00 Lb.
Pure live seed per acre =	9.00 Lbs.

Exhibit E

- B. The recommended time to seed is from June 15th through September 15th. The optimum seeding time is in mid-July. Successive seeding should be done either late in the fall (Sept. 15th Nov. 15th, before freeze up) or early as possible the following spring to take advantage of available ground moisture. However, the holder may seed immediately after completing the surface disturbing activities.
- C. The holder shall be responsible for the establishment of vegetation on the pipeline route. Evaluation of vegetation growth will not be made before the completion of the first growing season after seeding. The Authorized Officer reserves the right to require reseeding at a specific time if seed does not germinate after one growing season. Waiver of this requirement would be considered if diligent attempts to revegetate the disturbed areas have failed and the Authorized Officer determines that further attempts to replant the disturbed area is futile.
- 15. All above-ground structures (e.g.: meter houses, above ground pipelines, and related appurtenance, etc.) not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be a color which simulates "Standard Environmental Colors" designated by the Rocky Mountain Five-State Interagency Committee. The color selected for this project is <u>Olive Drab</u>, <u>Munsell Soil Color Chart Number 18-0622 TPX</u>.
- 16. The holder shall post signs designating a pipeline crossing at the following locations: the points of origin and completion, or entry to and exit from public lands, at all road crossings. These signs shall be posted in a permanent, conspicuous manner, and shall be maintained in a legible condition until the pipeline no longer services the well and is removed.
- 17. The holder shall not use the pipeline corridor as a road except during periodic routine maintenance work as determined necessary by the Authorized Officer. The pipeline corridor shall not be used for any other purposes than for what it was hereby approved. The holder shall consult with the Authorized Officer if the disturbed areas are used for other reasons than for maintenance purposes. The holder shall take whatever steps are necessary to ensure that the pipeline corridor is not used as a roadway.
- 18. Any cultural and/or paleontological resource (i.e.: historic or prehistoric site or object) discovered by the holder, or any person working on the holder's behalf, on Federal land shall be immediately reported to the Authorized Officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions that shall be taken to prevent the loss of significant cultural or scientific values. The holder shall be responsible for the cost of evaluation of any cultural and/or paleontological resources that are discovered. Any decision as to the proper mitigation measures shall be made by the Authorized Officer after consultation with the holder.
- 19. The holder is hereby obligated to comply with procedures established in the Native American Graves Protection and Repatriation Act (NAGPRA) to protect such cultural items as human remains, associated funerary objects, sacred objects, and objects of cultural patrimony discovered inadvertently during the course of project implementation. In the event that any of the cultural items listed above are discovered during the course of the project work, the holder shall immediately halt the disturbance and contact the

Exhibit E Everett "OO" Federal Com. #9

NM-28297

BLM within 24 hours for instructions. The holder or initiator of any project shall be held responsible for protecting, evaluating, reporting, excavating, treating, and disposing of these cultural items according to the procedures established by the BLM in consultation with Indian Tribes. Any unauthorized collection or disturbance of cultural resources may result in a shutdown order by the Authorized Officer.

20. Special Stipulations: NONE



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

EXHIBIT F

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SURFACE RECLAMATION/RESTORATION REQUIREMENTS

OPERATORS NAME: Yates Petroleum Corporation LEASE NO.: NM-28297

WELL NAME & NO: Everette "O0" Federal Com. #9

QUARTER/QUARTER & FOOTAGE: SW'/NE'/4 - 1980' FNL & 1980' FEL

LOCATION: Section 25, T. 5 S., R. 24 E., NMPM

COUNTY: Chaves County, New Mexico

I. GENERAL PROVISIONS:

A. The operator has the right of administrative review of these requirements pursuant to 43 CFR 3165.1(a).

- B. The operator shall hereafter be identified as the holder in these requirements. The Authorized Officer is the person who administers the reclamation requirements.
- C. The holder shall comply with all the surface reclamation/restoration required by the Authorized Officer pertaining to the reclamation/restoration of the access road and well pad.

II. FORM 3160-5, SUNDRY NOTICES AND REPORTS ON WELLS:

- A. The holder shall adhere to the following:
- 1. If the well is not drilled, please notify the BLM so that an official release can be approved.
- 2. **Downhole requirement**: If the well is a dry hole and will be plugged, approval of the proposed plugging program may be obtained orally. However, oral approval must be confirmed in writing by immediately filing a Sundry Notice And Report On Wells (Form 3160-5) "Notice of Intention to Abandon", an original and five (5) copies shall be submitted to the Roswell Field Office. The report should show the total depth reached, the reason for plugging, and the proposed intervals, by depths, where plugs are to be placed, type of plug, type of plugging mud, etc..
- 3. The same notification shall be required of the Holder for the reclamation/restoration of the access road and well pad. The Holder shall initially report surface reclamation/restoration of the access road and well pad concurrently with the Downhole requirement. A Sundry Notice And Report On Wells (Form 3160-5) "Notice of Intention to Abandon", an original and five (5) copies shall be submitted to the Roswell Field Office. Upon receipt of the "NOI" the Authorized Officer shall provide the holder with the specific requirements for the reclamation/restoration of the access road and well pad.

SURFACE RECLAMATION/RESTORATION REQUIREMENTS

- 4. Subsequent Report Of Abandonment: The holder shall submit a second report on Form 3160-5, Sundry Notices and Reports On Wells, an original and five (5) copies shall be submitted to the Roswell Field Office, pertaining to the reclamation/restoration of the access road and well pad. The holder shall demonstrate that the surface reclamation/restoration requirements have been complied with. The holder shall specify that the reclamation work accomplished the restoration of the disturbed areas to as near the original surface condition the land was in prior to construction of the access road and well pad.
- 5. Final Abandonment Notice: The holder shall submit a third report on Form 3160-5, Sundry Notices and Reports On Wells, an original and five (5) copies shall be submitted to the Roswell Field Office, that shall ascertain that all surface reclamation/restoration requirements have finally been completed and that the access road and well pad are ready for final inspection. The holder shall specify that the surface has been reclaimed in accordance with federal regulations and request for the final approval of the access road and well pad.

III. BOND LIABILITY:

A. Liability under bond shall be retained until all surface reclamation/restoration of the access road and well pad has been completely reclaimed to the satisfaction of the Authorized Officer.

IV. ACCESS ROAD AND WELL PAD RECLAMATION REQUIREMENTS:

- 1. If the well is completed, all areas of the well pad not necessary for operations shall be reclaimed to resemble the original contours of the surrounding terrain.
- 2. Upon abandonment of the well, cut-and-fill slopes shall be re-contoured and reduced to a slope of 3:1 or less. The road shall be recontoured to as near the original topography, as possible.
- 3. Upon abandonment of the well, all production equipment shall be removed from the well pad and properly disposed of.
- 4. On private estate land the restoration procedures on the reclamation of the access road and well pad shall be accomplished in accordance with the Private Surface Land Owner concurrence. If the surface land owner does not retain the access road and/or well pad for his ranch operations, upon abandonment of this well, the surface material (caliche/gravel) shall be removed from the access road and well pad.
- 5. The surfacing material that is removed can be used on existing roads in need of maintenance, or hauled to a federal material pit for disposal. If the material is to be used on a road or hauled to a material pit, contact the BLM Authorized Officer at (505) 627-0272 for possible additional requirements.

- 6. Upon removal of the surfacing material, the access road and well pad shall be ripped a maximum of <u>16</u> inches deep (Ripping depth will be determined by depth of soil shown in the Soil Conservation Service Survey Handbook).
- 7. All culverts and other road structures (e.g.: cattleguard, H-Braces, signs, etc.) shall be removed and properly disposed of.
- 8. All over-burden material shall be replaced in the cut areas, ditches, lead-off ditches, and any other excavated earthwork shall be back filled.
- 9. An earthen berm shall be constructed at the entrance of the road to prevent vehicular traffic on the reclaimed road.

V. Reserve Pit Reclamation Requirements:

- A. Upon reclamation of the reserve pit, the impervious, reinforced, synthetic or fabricated <u>12</u> mil in thickness liner shall be used to encapsulate the reserve pit cuttings.
- B. The dried cuttings in the reserve pit shall be buried a minimum depth of three (3) feet below ground level.
- C. The reserve pit area shall be covered with a three (3) feet minimum cap of clean soil or like material that is capable of supporting native plant growth. Once the reserve pit contents have been capped, the cap shall not be disturbed without NMOCD approval.
- D. Should the cuttings in the reserve pit not meet the three (3) feet below ground level depth, the excess contents shall be removed from the reserve pit until the required minimum depth of three (3) feet below ground level requirement has been met. The excess cuttings shall be removed from the well location and shall be properly disposed of at an authorized disposal site.
- E. Contact Richard G. Hill, at (505) 627-0247, three days before commencing the reserve pit reclamation.

VI. SEEDING REQUIREMENTS:

- A. The stockpile of topsoil shall be spread over the well pad to cultivate a seed bed. The holder shall not contaminate the topsoil stockpile with the reserve pit muds and/or cuttings.
- B. The reclaimed area(s) shall be seeded with the seed mixture that was determined by the Roswell Field Office for the Desired Plant Community on this well site.
- C. The same seed mixture shall be used for the reclamation of the access road and well pad.
- D. The planting of the seed shall be done in accordance with the following seeding requirements:

- 1. The topsoil soil shall be plowed under with soil turning equipment and the plowed surface shall be disked before seeding. Seed shall be planted using a drill equipped planter with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area. Smaller/heavier seeds have a tendency to drop to the bottom of the drill and are planted first; the holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre noted below are to be doubled.
- 2. The holder shall seed all the disturbed areas with the DPC seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed per acre; (Pounds of pure live seed per acre: pounds of seed X percent purity X percent germination = pounds pure live seed). There shall be no primary or secondary noxious weeds in the seed mixture.

In accordance with State law(s) the seed should be tested for purity and viability within nine (9) months prior to sell. Commercial seed shall be either certified or registered seed. The seed mixture container shall be tagged in accordance with State law(s) and the certified seed tag shall be made available for inspection by the Authorized Officer.

3. Desired Plant Community seed mixture to be planted in pounds of pure live seed per acre:

CP-2 Loamy Ecological Site

BLUE GRAMA, var. Lovington (Bouteloua gracilis)	4.00 Lbs.
SIDEOATES GRAMA (Bouteloua curtipendula)	1.00 Lb.
var. Vaughn or El Reno	
SAND DROPSEED (Sporobolus cryptandrus)	0.50 Lb.
VINE MESQUITE (Panicum obtusum)	1.00 Lb.
PLAINS BRISTLEGRASS (Setaria macrostachya)	1.00 Lb.
INDIAN BLANKETFLOWER (Gaillardia aristata)	0.50 Lb.
DESERT or SCARLET (Sphaeralcea ambigua or	
GLOBEMALLOW S. coccinca)	1.00 Lb.
Pure live seed per acre =	9.00 Lbs.

- 4. If one species is not available, increase ALL others proportionately. The seed mixture shall be certified weed free seed. A minimum of 4 species is required, including 1 forb species.
- E. The recommended time to seed is from June 15th through September 15th. The optimum seeding time is in mid-July. Successive seeding should be done either late in the fall (Sept. 15th Nov. 15th, before freeze up) or early as possible the following spring to take advantage of available ground moisture. However, the holder may seed immediately after completing surface abandonment requirements.

- F. The seeding of the disturbed areas shall be repeated until a vegetation thicket is established on the access road and well pad. The Authorized Officer shall make the determination when the revegetation growth on the disturbed areas is satisfactory.
- G. The holder shall be responsible for the establishment of vegetation on the access road and well pad. Evaluation of vegetation growth will not be made before the completion of the first growing season after seeding. The Authorized Officer reserves the right to require reseeding at a specific time if seed does not germinate after one growing season. Waiver of this requirement would be considered if diligent attempts to revegetate the disturbed areas have failed and the Authorized Officer determines that further attempts to replant the access road and well pad are futile.
- H. Contact Mr. Randy Legler at (505) 627-0215 to witness the seeding operations, two (2) days prior to seeding the disturbed areas.

I. Invasive and Noxious Weeds Requirement:

- 1. The holder shall be held responsible if noxious weeds become established within the reclaimed areas. Evaluation of the growth of noxious weeds shall be made upon discovery. Weed control will be required on the disturbed land where noxious weeds exist, which includes the road, pad, associated pipeline corridor/routes, and adjacent land affected by the establishment of weeds due to this action. The holder is responsible for consultation with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policy.
- 2. The holder shall insure that the equipment and or vehicles that will be used to reclaim the access roads and well pad are not polluted with invasive and noxious weed seed. Transporting of invasive and noxious weed seed could occur if the equipment and vehicles were previously used in noxious weed infested areas. In order to prevent the spread of noxious weeds, the Authorized Officer shall require that the equipment and vehicles be cleaned with either high pressure water or air prior to reclamation of the access roads and well pad.