	UNIT DEPARTMENT	ED STATES	N. M. Cil Cors. 811(80197697 ARTESIA, NM 9597 TERIOR	Vision side) 2234	FORM AP. OMB NO. Expires: Febru	1004-0136 ary 28, 1995	
		LAND MANAGE			5. LEASE DESIGNATION NM <del>-93718</del> G	AND BEBIAL NO.	
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YATES PETROI	LEUM CORPORATION	2557			Rabbit ASR F	ederal #1	
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Approximatel 15. DISTANCE FROM PROF LOCATION TO NEARES	y 25 miles souther	east of Carls	bad, New Mexico	17. NO. 01	Eddy County	13. STATE New Mexico	
13. DISTANCE FROM PRO	lg. unit line, if any)	30'	760		IS WELL 320		
TO NEAREST WELL, I or applied for, on th	DRILLING, COMPLETED, HIS LEASE, FT.	19.	PROPOSED DEPTH 10,855'		ARY OR CABLE TOOLS		
3938.2 GR	hether DF, RT, GR, etc.)				22. APPROX. DATE WO	RE WILL START*	
3.		POPOSED CASTA		· · · · · · · · · · · · · · · · · · ·	ASAP		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	ND CEMENTING PROGRA	M			
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12 1/4"	8 5/8"	24#	2507' In Place		yds Reddy Mix sx circulated		
7 7/8"	5 1/2"	15.5# & 17#					
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Title 18 U.S.C. Section 1001, makes 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

cedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. number of copies to be submitted, particularly with regard to local, area, or regional proregulations. Any necessary special instructions concerning the use of this form and the Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and tions, as indicated, on all types of lands and leases for appropriate action by either a GENERAL: This form is designed for submitting proposals to perform certain well opera-

ITEM 4: If there are no applicable State requirements, locations on Federal, or Indian land should be described in accordance with Federal requirements. Consult local State of Redeal of the for ensuit, instructions of the second state of the seco State of Federal regulations concerning subsequent work proposals of reports on the well. -tion or to a new reservoir, use this form with appropriate notations. Consult applicable TEM 1: If the proposal is to redrill to the same reservoir at a different subsurface loca-

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or Federal office for specific instructions. The second of the location of the location of the well cannot readily be found by road from the land or lease description. A plat, or plats, separate of on this reverse side, showing the land or lease description. A plat, or plats, separate or on this reverse side, showing the land of lease description. A plat, or plats, separate or on this reverse side, showing the land of lease description. A plat, or plats, separate or on this reverse side, showing the

subsurface location of hole in any present or objective production zone. ITEMS IS AND 18: If well is to be, or has been directionally drilled, give distances for toads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Service Contraction

TEM 22: Consult applicable Federal or State regulations, or appropriate officials, con-

cerning approval of the proposal before operations are started.

#### NOTICE

-sollqgs sidi vd beiupei noisemoini dith information required by this applica-The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be fur-

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit

(4)(5) Information from the record and/or the record will be transferred to appropriate the Federal or Indian resources encountered. (2) The review of procedures and equip-ment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract to drill or deepen an oil or gas well.

information is mandatory only if the operator elects to initiate drilling operation on an oil and gas lease. EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the investigations or prosecutions, as well as routine regulatory responsibility. Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory

# TNƏMƏTATS SRUOH NƏQRUB

Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0136), Washington, D.C. 20503. Bureau of Land Management, (Alternate) Bureau Cleatance Officer, (WO-771), 1849 C Street, N.W., comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct Public reporting burden for this form is estimated to average 30 minutes per response, including the time for

The Paperwork Reduction Act of 1980 (44 7.S.C. 3501 et seq) requires us to inform you

vironmental factors involved with drilling for oil and/or gas on Federal and Indian oil This information is being collected to allow evaluation of the technical, safety, and en-

Response to this request is mandatory only if the operator elects to initial drilling operations on an oil This information will be used to analyze and approve applications.

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District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

### State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

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# NE MEXICO OIL CONSERVATION COMMISSIO WELL LOCATION AND ACREAGE DEDICATION PLAT

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perator	<u> </u>	L	ease		Well No.
JAKE L. HAMO			Terra-Fede		1 .
nit Letter Section	Township	~ ~ ~	Range	County	
G ctual Footage Location of Wel	34	23 South	24 East	Eddy	·
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### YATES PETROLEUM CORPORATION Rabbit "ASR" Federal #1 (Re-entry) 1780' FNL and 1980' FEL Sec. 34-T23S-R24E Eddy County, New Mexico

1. The estimated tops of geologic markers are as follows:

Bone Spring	3486′
Wolfcamp	7686'
Strawn	8386'
Atoka	8968'
Morrow	9650'
TD	10,855′

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Casing in Place Oil or Gas: All potential Zones.

3. Pressure Control Equipment: BOPE will be installed on the 8 5/8" casing and rated for 3000 BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

Auxiliary Equipment:

- A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.
- 4. THE PROPOSED CASING AND CEMENTING PROGRAM:
  - A. Casing Program:

<u>Hole Size</u> 17 1/2″ 12 1/4″ 7 7/8″	<u>Casing Size</u> 13 3/8" 8 5/8" 5 1/2"	<u>Wt./Ft</u> 48# 24# 15.5 & 17#	<u>Grade</u> H-40 J-55 L-80 & J-55	<u>Interval</u> In Place In Place 0-10,8557	<u>Length</u> 30' 2507'
	0 1/2	15.5 & 17#	L-80 & J-55	0-10,855′	10,855'

Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Joint Strength 1.8

B. CEMENTING PROGRAM: Intermediate Casing: In Place Production Casing: 650 sx Premium + 1#/sx Salt + 5#/sx Gilsonite (YLD 1.67 WT 13.0).

#### Rabbit ASR Federal #1 Page 2

#### 5. MUD PROGRAN AND AUXILIARY EQUIPMENT:

Interval	Type	<u>Weight</u>	Viscosity	Fluid Loss
0-9400'	Cut Brine	9.0 - 9.2	29	N/C
9400' 10,855'	Salt Gel/Starch	9.0 - 9.5	23 - 38	12cc

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: Every 10' out from under casing. Logging: NDL, DLL, Sonic Coring: None anticipated. DST's: As warranted.

 Abnormal Conditions, Bottom hole pressure and potential hazards: Anticipated BHP: From: 0 to 10,855' Anticipated Max. BHP 5300 PSI.

Abnormal Pressures Anticipated: None.

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None.

Maximum Bottom Hole Temperature: 178 F

8. ANTICIPATED STARTING DATE:

Plans are to re-enter this well as soon as possible after receiving approval. It should take approximately 10 days to re-enter this well with completion taking another 8 days.

# MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Yates Petroleum Corporation Rabbit "ASR" Federal #1 1780' FNL and 1980' FEL Sec. 34-T23S-R24E Eddy County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

### 1. EXISTING ROADS:

Exhibit A is a portion of the BLM map showing the well and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 25 miles southeast of Carlsbad, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

#### DIRECTIONS:

Go south of Carlsbad, New Mexico on Highway 62/180 to Dark Canyon Road (Eddy County Road 408). Go approximately 13.8 miles. Turn south on new road and go approximately 1.1 miles to the proposed well location.

- 2. PLANNED ACCESS ROAD:
  - A. The proposed upgraded access will be approximately 1.1 miles in length from the point of origin to the northeast corner of the drilling pad. The road will lie in a(n) north to south dirction.
  - B. The new road will be 14 feet in width (driving surface) and will be adequately drained to control runoff and soil erosion.
  - C. The new road will be bladed with drainage on one side. Some traffic turnouts will be built.
  - D. The route of the road is visible.
  - E. Existing roads will be maintained in the same or better condition.

## 3. LOCATION OF EXISTING WELL

- A. There is no drilling activity within a one-mile radius of the wellsite.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed wellsite.

# 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. There are no production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

# 5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is planned to re-enter the proposed well with a salt brine system. The salt brine will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

# 6. SOURCE OF CONSTRUCTION MATERIALS:

Dirt contractor will obtain any permits for materials needed for the building of the well pad and road.

# 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
   F. All trash, junk, and other waste materials will be contained in the disposal of human waste will be contain
- F. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary land fill. Burial on site is not approved.
- 8. ANCILLARY FACILITIES: None
- 9. WELLSITE LAYOUT:
  - A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, the location of the drilling equipment, rig orientation and access road approach.
  - B. The reserve pits will be plastic lined.
  - C. Will use existing pad area some upgrading may be necessary.
- 10. PLANS FOR RESTORATION
  - A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
  - B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been leveled.
  - C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level after they have evaporated and dried.
- 11. SURFACE OWNERSHIP: Federal surface, Administered by the Bureau of Land Management, Carlsbad, New Mexico.

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

Submit to Appropriate District Office 5 Copies 

AMENDED REPORT

#### I. **REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

'Operator n	ame and Ad	dress					2	OGRID Numbe		
Vates Pe	traleum	Corporat	ion					SORID NUMBE	025:	575
105 Sout	h Fourt	h Street								
Artesia N							3	Reason for Filin	g Code/ Effective	Date
<sup>4</sup> API Numbe			Pool Name						Re-entry	
30-015-20				М	alor Commun				6 Pool Code	
	Mosicy Canyon Strawn, NE								96868	
23598	Property Name								<sup>9</sup> Well Number	r
			Rabbit ASR Federal						#1	
<sup>10</sup> Surface Ul or lot no.	Location Section	Township	Range	Lot. Idn	E C A					
G	34	23S	24E	Lot. Idn	Feet from the	North/South		Feet from the	East/West line	County
			24E		1780	North		1980	East	Eddy
L or lot no.	m Hole L Section	Ocation Township	Donas	T						<b>•</b>
e of lot no.	Section	TOwnship	Range	Lot Idn	Feet from the	North/South	line F	eet from the	East/West line	County
<sup>12</sup> Lse Code	<sup>13</sup> Producin	g Method Code	<sup>14</sup> Gas	Connection Date	<sup>15</sup> C-129 Permi	L Number T	<sup>16</sup> C	129 Effective Dat	<u> </u>	17 0 100 0
F	SIV	VOPL		WOPL			C-	129 Enective Dat		<sup>17</sup> C-129 Expiration Date
Oil		Transporters								
		19 Tr	ansporter Nan	e & Address	<sup>20</sup> POD	<sup>20</sup> POD <sup>21</sup> O/G <sup>22</sup> POD ULSTR Location				
										Description
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Produced	Water				All And Reading				<u> </u>	179797
OD	- Water	<sup>24</sup> POD	ULSTR Loca	tion and Description						
				and Description	-					
Well Com										
<sup>25</sup> Spud Da		<sup>26</sup> Ready E	Date T	27	TD	28		20 -		
Re-entr		iceauy L				<sup>28</sup> PBTD		<sup>29</sup> Perforatio	ns	<sup>30</sup> DHC, MC
8/19/9		9/13/9	18		entry:	0.000				
512919	~	2/13/9	U I	10.	209'	9580'		8951-895	9'	
	ole Size		<sup>32</sup> Ca	sing & Tubing Siz	e	<sup>33</sup> Dept	h Set			Sacks Cement
	-1/2"			13-3/8"		30				In place
	-1/4"			8-5/8"		250	7'			In place
7-	7/8"			4-1/2"		999				590 sxs
				2-3/8"		887	2'			
Well Te		36						_		
SIWOP		<sup>36</sup> Gas Deli SIW(			st Date	<sup>38</sup> Test Le			g. Pressure	<sup>40</sup> Csg. Pressure
	~ 1	STAC		11/1	11/98	24 hr	s.		60#	Packer

41 00 1 01		11/11/20	27 m S.	00#	Packer
<sup>41</sup> Choke Size 3/8"	<sup>42</sup> Oil	<sup>43</sup> Water	44 Gas	<sup>45</sup> AOF	46 Test Method
		197	210		Flowing
and that the information giand belief.	rules of the Oil Conservation Divi iven above is true and complete to	sion have been complied with the best of my knowledge	W UIL CUI	SERVATION D	
Signature:	thep-	1	Approved by:	in white	and the second s
Printed name:	7		Title:		
Susan Herpin				SUPERVISOR, DIST	RICT II
Title:			Approval Date:		
<b>Engineering</b> Tee	chnician				MAR 1 4 2012
Date:	Phone:				
March 13, 2002	505-748-147	1			

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