	M. Care part	17 N.	ICF			
20 		an an the second	C ''			
Form 3160-3 (August 1999)	* A second de la seconda de l seconda de la seconda de		FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000			
UNITED ST	TATES	5	. Lease Serial No.			
DEPARTMENT OF	THE INTERIOR	L	С029420-В			
BUREAU OF LAND	6	If Indian, Allottee or Tribe Name				
APPLICATION FOR PERMIT						
1a. Type of Work: X DRILL	7	7. If Unit or CA Agreement, Name and No.				
	<u>_</u>	8	. Lease Name and Well No.			
1b. Type of Well: Oil Well X Gas Well	Other Single Zone Multi	iple Zone	Denali "33" Federal #2			
2. Name of Operator	·····	9	9. API Well No.			
EOG Resources, Inc. VII. 1987	and the son CH		30-015-32169			
3a. Address	3b. Phone No. (include area	code) 1	0. Field and Pool, or Exploratory			
P.O. Bøx 2267, Midland, TX 79702 4. Location of Well (Report location clearly and in ac	915 686-3689					
At surface 1580 FNL & 760 FWL (U/L E)		,	1. Sec., T., R., M., or Blk. And Survey or Area			
At proposed prod. Zone 1300 FNL & 660		Cedar hake Merrew, East				
14. Distance in miles and direction from nearest town	a an		12. County or Parish 13. State			
7 miles Southeast from Maljamar						
15. Distance from proposed*	16. No. of Acres in lease		Jnit dedicated to this well 34151675			
location to nearest						
property or lease line, ft. 760 (Also to nearest drlg. Unit line, if any) s	1280	N/2 (320)				
18. Distance from proposed location*	ame 19. Proposed Depth	20 BLM/BIA	Bond No. on file / 00 00 2002			
to nearest well, drilling, completed	· · ·	NM2308	RECEIVED			
applied for, on this lease, ft. 1	800' TVD 12,100		OCD ARTESIA			
21. Elevations (Show whether DF, KDB, RT, GL, etc)	22. Approximate date work w		3. Estimated durations			
GL 3734'	24. Attachments	3	30 DAYS			
The following completed in accordance with the requirement		shall be attached	d to this form:			
1. Well plat certified by a registered surveyor.	4. Bond to cove	r the operations u	inless covered by an existing bond on file (see			
2. A Drilling Plan.	ltem 20 above	e)				
3. A Surface Use Plan (if the location is on National Forest						
SUPO shall be filed with the appropriate Forest Service (authorized of		nation and/or plans as may be required by the			
25. Signature Mike Turna	Name (<i>Printed/Typed</i>) Mike Francis		Date 8/31/2001			
Title			······································			
Agent						
Approved by Signature LESLIE A. THEISS	Name (Printed/Typed) /S/ LESLIE A.	THEISS	Date JAN 1.4.2002			
TITIE FIELD MANAGER	Office	CARLSBA				
Application approval does not warrant or certify the applicant holds operations theron.	legal or equitable title to those rightes in the	-				
Conditions of approval, if any, are attached			OVAL FOR 1 YEAR			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, mak		lifully to make to ar	y department or agency of the United			
States any false, fictitious or fraudulent statements or representation *(Instructions on reverse)	is as to any matter within its junsidiction.					
	l.	PPROVAL	SUBJECT TO			

Romall Controlled Water Baein

۲

•

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

SEP 05 DI

	<u> </u>						
orm 3160-5 August 1999)	UNITEL ATES DEPARTMENT OF THE IN	TERIOR			FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000		
	BUREAU OF LAND MANAG	FEMENT OU	Cons. Division	5. Lease S	Serial No.		
SUNDI Do not use t	RY NOTICES AND REPOR	TS ON WELLS	Street	LC-0294			
abandoned w	RY NOTICES AND REPOR his form for proposals to di vell. Use Form 3160-3 (APD) (for such propo	H 88210-2834	6. If India	n, Allottee or Tribe Name		
				7. If Unit	or CA/Agreement, Name and/or No.		
Type of Well							
Name of Operator	Ulher	<u> </u>		4	lame and No.		
-F Petroleum Inc.				Denali ", 9. API W	33" Federal, Well No. 2		
Address	······································	3b. Phone No. (inc	lude area code)				
O. Box 1889 Midland, TX 79		915/687-0008		10. Field a	and Pool, or Exploratory Area		
Location of Well (Footage, Sec 580' FNL & 760' FWL, Sec. 1	., T, R., M., or Survey Description) 33-T17S-T31E				hugart (Morrow) y or Parish, State		
				Eddy			
	PPROPRIATE BOX(ES) TO I		·····	SPORT, O	K OTHER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
Notice of Intent	Acidize	Deepen	Production (Start	/Resume)	Water Shut-Off		
- Nonce of filtent	Alter Casing	Fracture Treat	Reclamation		Well Integrity		
Subsequent Report	Casing Repair	New Construction	—		Other Change of operator		
Final Abandonment Notice	Change Plans	Plug and Abando Plug Back	n D Temporarily Aba	ndon			
m assignment from Texaco fo ange everything to V-F Petrole	ATEMENT: V-F Petoleum Inc. ac	operator be chang is NM-2246. Ple	ged from EOG Resources case approve this Sundry 1	, Inc. to V-I Notice with	F Petroleum Inc. They have a the APD approval, which will		
1 hereby certify that the foregoir Name (PrintedITyped) orge R. Smith	ng is true and correct	Title	Agent for V-F Petroleum I				
,	<u> </u>		Agent for v-r retroieum i	nc.			
Signature Debsau	R. Smith		December 14, 2001				
oproved by (Signature)		/s/	LESLIE A. THEISS THEILD MANAGE				
nen would entitle the applicant to			SBAD FIELD OFFICE				
le 18 U.S.C. Section 1001 and Ti ates any false, fictitious or fraudule	itle 43 U.S.C. Section 1212, make it a ent statements or representations as to	crime for any perso any matter within its	on knowingly and willfully to s jurisdiction.	o make to an	y department or spenny of the United		
ontinued on next page)							

District 1 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 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

	W	ELL LO	OCATIO	N AND AC	REAGE DEDI	CATION PL	AT		
'API Nur	nber		² Pool Code NORTH SHUGART (MORROW)						
*Property Code			*Property Name *Well Numb DENALI "33" FEDERAL 2						2
'OGRID No.				DENALI "33" *Operator					Elevation
7377				EOG RESOU					3734
L	¹⁰ Surface Location								
UL or lot no. Sect	tion Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	at line	County
E 3	3 17–S	31–E		1580	NORTH	760	WE	ST	EDDY
L, L_=	11	Bottom	Hole	Location If	Different Fi	om Surfac	e		
UL or lot no. Sec	tion Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
D 3.		31–E		1300	NORTH	660	WE	ST	EDDY
¹² Dedicated Acres ¹³ J	loint or Infill "C	consolidation	n Code ¹⁸	Order No.					
320									
NO ALLOWABLE					ON UNTIL ALL BEEN APPROVEI			EEN CO	INSOLIDATED
660' 760'	-BOTTOM HOLE LOC: Y= 653040.84 X= 639158.14 LAT.= 32*47'40.13" LDNG.= 103*52'49.7 EOG RESOURCES // DENALI "33" FEDER ELEV.= 3735' Y= 652762.13 X= 639258.25 LAT.= 32*47'37.37 LDNG.= 103*52'48.	NC. RAL No.2				I hereby certificute and composite and correct is bereficitly was plotted for ar under my of correct to best	y that the in plate to the in- plate to the in- winke free AGENT B/31/01 VEYOR y that the way out field note way field note field no	ANCIS CERT CERT of actual ad that the f. 31, 20	

---- ``

EOG RESOURCES, INC. DENALI "33" NO. 2 1580' FNL & 760' FWL SEC. 33, T17S, R31E EDDY COUNTY, NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

٠

•••

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Queen	2900'
San Andres	3700'
Bone Springs	5100'
Wolfcamp	8600'
Lower Strawn	10700'
Atoka	11000'
Morrow Clastics	11500'
Chester	11950'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

J. EO			NIICH AIED	TRESH WATER, OIL OR GAS.		
	Upper Permia	an Sands	Above 250'	Fresh Water		
	Grayburg/Sar	1 Andres	3000'	Oil		
	Strawn		10700	o' Oil		
	Atoka		11000	' Gas		
	Morrow		11500	' Gas		
			7			
4. CA	SING PROG	RAM				
	<u>Hole Size</u>	Interval	OD Casing	Weight Grade Jt. Cond. Type		
	14 3/4	0-650'	11 3/4"	42# H-40 ST&C		
	11"	0-4400'	8 5/8"	32# J-55 LT&C		
	7 7/8"	0-12,500'	5 1/2"	17# N80/S95 L&TC		
		,				
	Cementing Pr	rogram:				
	11 3/4" Surfa	-	Cement to surface with 200 sx Prem Plus, 3%			
		6	Econolite, 25 Calcium Chloride, 0.25#/sx Flocele,			
			150 sx Prem Plus, 2% Calcium Chloride			
	8 5/8" Interm	ediate:	Cement to su	face with 800 sx Interfill C, .25#/sx		
		ound of	flocele, 250 sx Premium Plus, 2% Calcium Chlorid			
				x i feinium i fus, 270 Calefum Chloride		
	5 ¹ / ₂ " Product	ion [.]	Cement w/930 sx Premium, 3% Econolite, 5#/sx			
			Salt (3%), 0.2% HR5, .25#/sk Flocele, 250 sx Prer			
		50/50 Poz mix 'A', 2% Halliburton-Gel First 2%				
			0.5% Halad-322. This is designed to bring TOC			
			4500'.	22. This is designed to onlig TOC to		
			4300.			

EOG RESOURCES, INC. DENALI "33" NO. 2 1580' FNL & 760' FWL SEC. 33, T175, R31E EDDY COUNTY, NM

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

(SEE EXHIBIT #1)

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000-psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All BOP's and accessory equipment will be tested in accordance with Onshore Oil & Gas order No. 2. EOG request authorization to use a 2M system, providing for an annular preventer to be used prior to drilling the surface casing shoe and to drill the intermediate hole. Before drilling out of 1st intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/1000 psi and the annular to 3500/5000-psig pressure.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The well will be drilled to TD with a combination of brine, cut brine, and polymer/KCL mud system. The applicable depths and properties of this system are as follows:

		Wt Viscos	ity Water	loss
<u>Depth</u>	Type	<u>(PPG)</u>	<u>(sec)</u>	<u>(cc)</u>
0-500'	Fresh Water	8.5	40-45	N.C.
500'-4000'	Brine Water	10.0	30	N.C.
4000'- TD	Cut Brine + Polymer/K	CL 8.8-9.2	32	10

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

(A) A kelly cock will be kept in the drill string at all times.

- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) A mud logging unit complete with H2S detector will be continuously monitoring drilling penetration rate and hydrocarbon shows from 5000' to TD.

EOG RESOURCES, INC. DENALI "33" NO. 2 1580' FNL & 760' FWL SEC. 33, T17\$, R31E EDDY COUNTY, NM

8. LOGGING, TESTING AND CORING PROGRAM:

Electric logging will consist of GR-Dual Induction Focused and GR-Compensated Density-Neutron from TD to intermediate casing with a GR-Compensated Neutron run from intermediate casing to surface and optional Sonic from TD to Intermediate casing.

Possible sidewall cores based on shows.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom hole temperature (BHT) at TD is 175 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 5000 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. No major loss circulation zones have been reported in offsetting wells.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 30-60 days will be required for completion and testing before a decision is made to install permanent facilities.

EOG RESOURCES, INC. DENALI "33" NO. 2 1580' FNL & 760' FWL SEC. 33, T17S, R31E EDDY COUNTY, NM

SURFACE USE AND OPERATIONS PLAN

1. EXISTING ROADS:

Access to location will be made as shown on Exhibit #2

Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition as long as any operations continue on this lease.

2. PROPOSED ACCESS ROAD:

102.1' of new road is required. Exhibit #2(a).

No turnouts necessary.

No culverts, cattleguards, gates, low-water crossings are necessary.

Surfacing material consists of native caliche to be obtained from the nearest BLM-approved caliche pit. Any additional materials required will be purchased from the dirt contractor.

3. LOCATION OF EXISTING WELLS:

Exhibit #3 shows all existing wells within a one-mile radius of this well.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

There are no existing production facilities. If production is encountered, a temporary facility will be established on the drill pad, and if warranted, a production facility would be built at a later date in the immediate area of the drill pad location. If the well is productive, the flowline would also be located on the drill-pad site and no additional disturbance will occur.

5. LOCATION AND TYPE OF WATER SUPPLY:

Fresh water and brine water for drilling will come from commercial sources and transported to the well site over the roads as shown on Exhibit #2.

4.

EOG RESOURCES, INC. DENALI "33" NO. 2 1580' FNL & 760' FWL SEC. 33, T17S, R31E EDDY COUNTY, NM

6. PLANS FOR RESTORATION OF THE SURFACE:

After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Location will be cleaned of all trash and junk to leave the well in an aesthetically pleasing condition as possible.

Any unguarded pits containing fluid will be fenced until they are dry and back filled.

After abandonment of the well, surface restoration will be in accordance with current federal laws and regulations. Location will be cleaned, and the wellpad removed to promote vegetation and disposal of human waste will be complied with. Trash, waste paper, garbage and junk will be hauled to an approved disposal site in an enclosed trash trailer.

All trash and debris will be removed from the well site within 30 days after finishing drilling and/or completion operations.

ANCILLARY FACILITIES:

No airstrip, campsite, or other facilities will be built.

WELL SITE LAYOUT:

Exhibit #4 shows the relative location and dimensions of the well pad.

EOG RESOURCES, INC. DENALI "33" NO. 2 1580' FNL & 760' FWL SEC. 33, T17\$, R31E EDDY COUNTY, NM

OTHER INFORMATION:

The area around the well site is grassland and the topsoil is duned and sandy. The vegetation is native scrub grasses with abundant oakbrush, sagebrush, yucca, and prickly pear.

CERTIFICATION:

I HEREBY CERTIFY that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.



 $\omega = 1 \omega_{\rm s}$

EOG RESOURCES, INC. DENALI "33" NO. 2 1580' FNL & 760' FWL SEC. 33, T175, R31E EDDY COUNTY, NM

ATTACHMENT TO EXHIBIT #1

- 1. Wear ring to be properly installed in head.
- 2. Blow out preventer and all fittings must be in good condition, 5000 psi W.P. minimum. Exhibit #1.
- 3. All fittings to be flanged
- 4. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 5000 psi W.P. minimum.
- 5. All choke and fill lines to be securely anchored especially ends of choke lines.
- 6. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
- 7. Kelly cock on kelly.
- 8. Extension wrenches and hand wheels to be properly installed.
- 9. Blow out preventer control to be located as close to driller's position as feasible.
- 10. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.





WTC 46348

SEC. ______ TWP. _____ RGE. _____ 31-E

SURVEY N.M.P.M.

COUNTY _____ EDDY _____ STATE ____NM

DESCRIPTION 1580' FNL & 760' FWL

ELEVATION _____ 3735'

OPERATOR _____EOG RESOURCES, INC.

LEASE DENALI "33" FEDERAL No. 2

SCALE: 1" = 3 MILES

WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

Exhibit 2



S 89° 15' 36" W, 460.0 feet and N 00° 01' 23" W, 1757.9 feet; THENCE N 89° 15' 36" E, with the centerline of proposed road, 102.1 feet to a point in the southwest corner of a well pad for EOG Resources, Inc. DENALI "33" FEDERAL No. 2, for the end of this road, from which point the

northwest corner of said Section 33 bears N 00° 01' 23" W, 1751.4 feet and S 89° 15' 36" W, 460.0 feet.

I hereby certify that this plat was prepared from an actual	PROPOSED ROAD TO SERVE DENALI "33" FEDERAL No. 2					
survey made on the ground and meets or exceeds all requirements for land surveys as specified by the state of New Mexico.	EOG RESOURCES INC.					
New Mexico.		Section E	2.1 feet of proposed ro 33, T-17-S, R-31-E, N ddy County, New Mex EXHIBIT 2A	I.M.P.M., ico		
POFESSIONAL	WEST TEXAS CONSULTANTS, INC. ENGINEERS-PLANNERS-SURVEYORS MIDLAND, TEXAS					
JAMES E. TOMPKINS	Survey D	ate: 8-30-01	Dote: 8-31-01	Scale: 1" = 1000'		
Registered Professional Surveyor New Mexico Certificate No. 14729		46179	Drawn By: JRS II	Sheet 1 of 1		

Nash Wind	36.4	(00) 8 28	¢ ¹⁰ • ⁵	¢ ² °	28 28	35 A 30-W	45	32 JA	34 11		12
1 029334 (Allied Che		● P25 (WO) 34 ● : Keel ●Pii	35	TD 374	TD3800 94	80 10 3952 80 91 (Pa) 81 H F Wast P22	• • • • • • • • • • • • • • • • • • •	P 2 39 70 Burns Da. ARCO Fed F/A 12, 292	Texoco Texngck-Fed	· • • • •	MIDLAND & MAP
Jackson	35 27 2 P2 ARCO 37.351 CCI	U.S. # 30 Marba	жь Р96	100, U.S. 100) Keel"	e46 Pil6 Devon	43 11,01, 23, 22,4 ● FIBO ● WI A U.S. TB	(22) (11-X 72 72 757	(96) "H. E West (100) U.S	31) TD12350 \ 2 • 1 • 12 • 12	ν.s.	<i>u.s.</i>
vindfohr 6 yn,etaj Aswijaa 23 Fee	bob 4 "Pieo(029458 6	6 Devon En. 18 De 12 09 1 054 5 nc.) Marbob	VON 7 Devon 4	049998 Sun 6 Foster	9 ; Weier A etal	Brondle Ray West Store (Kersey TD3806 (Kersey C.B. Neal) S(WA-1	colshell (2) Mick Ener	IS WI IDS S			
27 27 3339	24 B Carton	19 P44 F6	sen .	Indures Cody Idures Cody Idure	J Devon Trait Foster	Jeanne Long etal EClosuit	Here "St" sey-MackEner	Wiser 011 Skellut Word 180 180 181 With 180 029420 P54 9 907 029420		amar Dev. Partners 8 105 129418	Hudson & Hudson, H & P etal,
Chem D/R) 3 Burne	17 5 Coffeen	South States of the states of		10 3 1 Fed.	. westail Trunch	Randie 4. 340 1410 2 16	KII TAVANSI	(P(8) 13 20 Norecci 16 153	21 154 192	194	SKELLY UNIT
W S52 Sincle	6 St	aclair1. 029395) 33 A" • 31	31 31 31	t, Clošunt 2 2 057523 4 4 4	Closurt 0575 23	2:A 3 Mack - P42		21 26	25 150 24 24		WISER OIL 13
PIS DATE	θ θ 4 1 Conversion 1 Conve	d. 6 (B B G G G G G G G G G G G G G G G G G G	15.1. 15 Ener 11 1 8" 12 11 44 WI 37	64 (Sinckar) azasas 0127 U.S. 4 35 Avon En 104-8 105 1 Jurner	*** **	WISET Kersey 1 2	Mock En Villon - 51 + 3-B	5 5 Mil P47 P6 23 3 1 7/ 30	20) 202 "Leo-5 12 120	⁷⁰³ 204	Hudson & Hudson
Jackson Tony	10 27 41 121	7 147 June 04	IBO Pevoner (WI Devon Ener	106 0 BHL	03 1 Macan P27 1	itata" • 3	126 215 70 8W 7177	33 214 215	216	35.8 Puckettis 0294
Allied Chem.	0/F Sinclair	457 Devoitiner 11×4 23 Atl.Rich. 1urner 1022335 A7	115-8 K 115-8 K	20 En. 38 102 B 36 116 38 102 B 36 1750 b (Sinclair) ¹⁰³ B ^{e-F} ed. 029 39 S 131 B M	2019 Sincloir ³³ Turner F75 Iarbob 9c	220 Wiser Di 348 B' 221	C 12 59 Tecora 701 223	* 43 324 Wiser 01 22	. · · · · · · · · · · · · · · · · · · ·	Viser 011 442	13 103946 3 2 105259 Hudson δ Hudson
Mar bo Tony Fe	15 87 w/ 14 A	19 49 21 50 20	23 Sinc. 51 Turner	• 16 • 6 • 8 • wil 1 • Morbob • 10 0- 96 • 1 • 33 96 • 1 • 33	Agen En 34	63 07 64 WI 733 62 9 420 W	Texace 906 Sheily		4 HI 47	0254)8 49 /44	CA 26-036-8 A 21 15 (WO)HO 63-821415 5 Home
•36-8 •14 23-8	22.61.31 2000 12 5.0 18 Sinc.) 2) 0.01 -0.18	Biller Twee	Turner"	Avori B Lee 11 Ener 0 780 Wi 79 Avon 18	51-WI, @H	14 9070-21 14 9070-21 13 Texaco 1 13 Feature 1	2 735 11 5 P 78	115 22 156 156 1755 117 53 117 53	82 240 Maljamar 51 240 Maljamar 73 72 Dev.	243	Puckett 27.WI 20 2 4 22 Dat Fed. 027.WI 20 2 4 22 DA2:2 4 T03903
400 (Perv (Some 28-8	don 32 711, 03164	A Priess Fed." 24.7 Bremier 4 Fronts	1 III Avoi 1 IIII 110 Sinc. 10 Turner Sin	n Marbob Marbob 92 Lee 33 Fee.	94 04 Avon 46 20	246 75 • 247	248	1/6 60 0001 50 Ten		255 756 409 255 756 409	TD 3943; Pucketi (00) 23
3 m,etal) 35	2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9	Peron23 Friess	27 770 Abc	C. 65 U.S. 45 72 K	agrbob H 14	1400 U.S 400 250	vo 77 252		38) 303 121 79 303 261 Lear	21-P 197 20-D	1 Hudson & Hudson, e Wiger Stars Skelly-Lea - puckett B
Tosses	* • • • •	DevonEn. So Prod (So Prod) IS Friesd \$5014 5	2 TD9300	Avon Ener	·***	9 302	261 28 130 96	0.0) 56 85 1000 m.0) 38	266 83 8 10.01 1000 - 150 912	24.0	35 Hudson 27 14 B (193) 14 B (193) 15 Hudson 27 16 B (193) 17 Hudson 27 18 Hudson 27 19 Hudson 27
KSON UNIT	B2.52 2	MAT 200 Watt		54 819395 45	55	32	275	276 Wiser Oil 279 277 278 277 278 277 278 277 278 277 278 277 278 277 278 278 277 278 278 277 278	Wissr 270, (Tr	22:0 10 D	Hudson et al 1984020 (Hudson et al 93 25
Ayre 6 Bellwett Wilson Borr	33 02 9 100 -	Friess 2MA -30 - 47 Von Ener- 544 ST Devon	99 0H2-34-60	ິ ຜ [ຸ] *29 ູ *	2	402 283 Shelly UT 284 P7 104 50 284 V Shelly Turner 155	Burns Doer 1	- 27 - 1003 170 p/a - 27 - 1003170	wiser (A Gettu	pache) 110 26 P46	10 0/01 10 1935 10 1937 10 10 10 10 10
rec Sts. OGIG 70	ix. T Tura Z	029395	Turner 78	-7.3" \$7 Coosta	a (Momt	M 100 (400) (exaco (400) Skelly Hunt A 161 Taizaso	Doiy 828 Miss. pisc.	019419	Lea	6-D WI 5-D (00)	(BTA) B009.JV-P 32
Turner	T/A 17 109 OFSIC - J Afoka Disc - II		37 TD3156 40	Turner To	3718	U.S. Dow		Lynch "	-029	<u>eo"</u>	Puckett TP0400 (9/44 + 89)20 P/84084 U. 5 13
31. LG-SES	33.73	Schuster Stogner TD 3527 M ^c Clelli D/A 9:28:48 Guilf	an (H.E. Yates)	Me-Tex Supply		(9,7,1)(R ² -8, Te: 00	kaco w-Fed. oka Disc	Santa Fe Snyder INearb (Maralo, Inc.) 16-1-20	08 HRP	Maralo 970003 AL	Puckett Quality 1.8 Prod. Quality Prod.Cc
<u>Е/Розо 51.</u> Техасо н в Р	59.31 7 6 De 988 665	2007 Prim. 24	er 14+1832	Ashmun, eto Simon (her roseis - p		Nu - eta! 22	Mill bblis	070003 10085 Westin Oil		R.B.White-	64530 va. 918 (Continenta 159 22 8 4109
8:565 - — — — — — Encon		31	H.E. Yates Power Deep			OWER 33	XOCO) XT (EC SMI	70 6440 0/A 5-31-80 34	Pet HBP	Saunders- Ftd. TD 4005 P/A 6-21-57	1103 100 159
LG-SEES	2375 88/ 33.53 7	J TO 4252 Burlington Res	Hanson Gulf-St	H.E.Yates 8 - 1 - 94 V-3018 HT#		ASTLAND OIL	P () () () () () () () () () ()	S/Z HOC 2 Sonta Feen, Sunray M.C 6 Messure Foster 34 Fed Tol2 200 TO 4516 17591 (Totes Pet.)		MANG	Chase Oil Yates Fet, eh (Maxwell) Yates Fet, eh (Maxwell) Yates Fet, eh
	Castland Oil Allied - Fed.	HEP Union Te 0334702 (00000	Eastland Allied-St			(<u>OPER)</u> [5		Mercuire	WAEER.Hudean Lowe-Fed TO 4 410	W.A. E. E. R. Hudson Lowe-Fed. SA Disc.	B 3827 LExxon
/2 2 40 04 150n} 0i	2 Eostiond 1	33 98 7/99 97 / 2- (UnionTex) 2-0334702 •	35.57 (139.6 	03/41 40 gi 2 40	13 / Jo (4 4140.04 3140.04 2 nadarko 1 H.E.	40.04 · 40	U.S	U. 1 1 40 16 1 40 14 3	F66 -	P62 Stote 8-2613
2/16 ⊥ ³ 1/50-0 ²	(APCODA) 41	Allied Di Rich Fed Fed. Ti li 209 (Eastland Union Tex.)	Eastland ang	Anadaria I + HE	5 (H.	Yates) 00 41 (A) 92957 PID2 260 H.E.Yetes (Corr- 4	со) (ма 195 н.е. 195 н.е. 196 н.е. 196 н.е.	Product HEYates.etal Yatas Mariah Hudson & Derma Mariah Hudson & Hapa	LG 0368	Shell	
O EOG byl Fed Sibyl Com. "Fed	10 11810	Bullions Fed Com	HEY ARCOFE Yotes TO396 ARCOFEd	A 0195466Gruy 428	Fed. Will Fed. Fed			bac) 99682 Atopoz		TD4500 D/A12 II: 63 (84	tes Ener. etal, A rates Ener V2 irlington Res. Chevron HBP & Chevron)
	Sikenwood 3 158040 - A	(Poge Prod)	(Conadjan, Ken Figi) 3 At Parket (Fed Com	wood; Gruy Pet. ● 2 2. '0334702 '		rates Hendo For, Bn Spr.Disc. / 1 2 7241 Z 2nogart - 4.E.Yates	Annatar to Willimor PB	HE Brothers Prod. 2 Yates I Brothers Prod. Hudson (Moriah Res.!/2) ε. Detmar 11 - 1 - 2011	² 0, £.882 Yates Ener, -2 Prickley Pear. Fed	Harvey E Yates L6 8368	AMANO UNIT OF
	35.97 7 €0994702 4 ● Neate ● Williams#221	fage Prod. Shugart Com	Parker-Fe	N. H Roelofs		H.E.Yotes	H.E.Yotes (89879 89882 (Atapaz) 3	Fightey For- Fed "Mesourif HE Votes Honterne Con Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Honterne Hont	2 Stote "B	ROTHERS PROD(OP)
I.S. (Fron) Sand-Fed	U.S. Fed." W 87 3 Concho Res.	P25 3/14/ Acat Mirchell Ener. 2 1 200 2 1 200	P145 P2 Ricks OXY Expl. 3343	U.S. Fed." (H.E. Wilkinson 7 Yortes), 10 500	Anod W//m	U.S. MILL 4 440.04 740.04 92397 1002 1 H.E. Kortas [Con- 1 H.E. Kort	Anter Brancis	esquite Fed"U.S. "Mesquite - Fed." Hhers Prod. (Pennizoil) Hudson F. Delmor	E-612	Br. Spr O.isc. Pizz	Disc i ludewich
McClellan 10 100 DAIZ:18:53 EOG 3-1-2008	1-byT Henkey- Fed- 3/1a 2	(PMC (Reserve)) Mewbourne	FZSO Hewb FZSO Frent OXY 3.2 Mi	Ricks Expl	P76 200	The Same Anne 1 Own33 Santaria Anne 1 Own33 Markins Anne 1 Own35 Hondoo Anne 1 Own35 Hondoo Anne 1 Own35 Hondoo Anne 1 Count Own35 Hondoo 1 Own35 Hondoo Anne 1 Own35 Hondoo Anne <td< td=""><td>PITO 4 PS8</td><td>5-A 1 89880 027366</td><td>Anothers Prod. (Mozsach 3) (Ohia) Tr.4 Mi yoyston 3 Inflazoo (DP) 29</td><td>→ 102 → 102 →</td><td>Beer Hol 1/2 / Vite is Ener- Chevron Veter See 100 / 2537 Vite And Vite See 100 / 2537 And Vite See 100</td></td<>	PITO 4 PS8	5-A 1 89880 027366	Anothers Prod. (Mozsach 3) (Ohia) Tr.4 Mi yoyston 3 Inflazoo (DP) 29	→ 102 →	Beer Hol 1/2 / Vite is Ener- Chevron Veter See 100 / 2537 Vite And Vite See 100 / 2537 And Vite See 100
EOG 3-1-2008) 100550 / 525 00 /	Same F350	5253 0334702 Allied - Fed.	P217 PMS-FPR. /*	64 P250 Wilmer	B NMR	Paga Hondol 4 Baish Fed. 1	29309 (89881 Atapaz) Tr. Brotherseto greece- wison-Fed."	104200 (DD) 2-9 9	10, NE/4 062052 Tr.7 2	tos Fred U.E. Yortes 102 Martin Of Fed. 11 Martin Of States
Monzano PBIC Fed.	13424 3 (Enrop)	(Mifcheil 2 Ener. 4 Mo®(MB) 3 (4.5 Mil. Mitcheile	(Hondo Of G)	H.E.	- 11.J. 7:57 3.B	Ledbetter 9+		Alopo z) II. Jarohimite II. Jarohimite II. II. Jarohimite II. Jarohimite II. Jarohimite II. II. Jarohimite II. Jarohimite II. II. Jarohimite II. Jarohimite II. II. Jarohimite II. Jarohimite II. Jarohimite II. II. Jarohimite II. Jarohimite II. Jarohimite II. Jarohimite II. Jarohimite II. II. Jarohimite II. Jarohimite I	Tr 6 Fizse II	Hudson-Fed 5 Burlington Bur	Inglan Res. A. F. I. EOG Res.
IFronklinetal Fed-CKLowe Yared 2.6	Sans Roche	Fed Apache	Arco-Fee	4 MNA En 4 070133	1. Polo	029389 Kaiser. 1	Forrest r. to 4024	Marathan Jones Harathan	2.8 Sugar (wo) Grothers Shigar (wo) Of Soleral Shigar (062052 To al a	Tr. 5 (Tr.2 gr.A.)	5 June Comanche -
	I Feel. C					Amoco		DVUIDLI)		h//son+([]],2 	TO 47 (1) 5 7 1 5 4 5 7 1 5 4 5 7 1 5 4 7 1 5 4 5 4 7 1 5 4 5 4 7 1 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5
	anadian's ensured	Apache o	TD 4300 39-1-20	Scoli (Kenwood)	(Me Ti Bro Pro Shu	thers # 1 ²³⁰ B-2915		WELLS WITHIN C PROPOSED WELL	NE (1) MI	LE OF	EOG Res.
N.UNITA	Roy wood Fed j mith r pp	Anche Menubourne Snugart 'le' Fed. Marren Wafsen-Fed. Apachz 1, 2000 1, 2000	9-1-2000 Pena 029393 07013	Continued and a series of the		A Ji Lead]]	EOG RESOURCES,	INC.	P.	ASSION ATO/CO-Taylor AYEOR 1/A/IT Burling AYWESTALL Ton Rot Yotes
NE HAFF 34		Apache 1 3-1-2000	Kenwood	Burtington		HBC W/216-		DENALI "33" FE 1580 FNL & 760	DERAL No.	2	JUPERV
263393 Smith	Will Mewbourne Shugart 18 - Fron Shugart 18 - U.S	Kincpid EWatson Malco	183338 🕈 Conadian Kenwa	Burtington 3 - 1 - 95 93601 bod 1600 00 1 - H Mogre 2 - 1 - 1	MNAE	- 1 Prod. Voltz	5	SEC. 33, T17S,			H.E.Yates 2537 4 213
Santiejd Barn 162	Shugart 18 U.S	¢ R.Smith 2 Worson Fed T03341	Holly - 2.3Mil Canadian - X Kenwood Fedic	U. 50263931	Mag-S	A Emil	I	EDDY CO., NM.		.02vr 3	So. Taylor Fed.
n Oil, etal 1, 95 Tal Notes pet, 31	oncho Res styler ossilar a Para styler	Pennzoil ozásar egyiler	Ocean Ener	1.4.1.2.1.5.4	Corport	Southwe stratinood Southwe 12212 ** (12212 ** (ST IC	CALCON AND	Service - France		
Sector Sector											



Statement Accepting Responsibility for Operations

Operator Name:EOG Resources, Inc.Street or Box:P.O. Box 2267City, State:Midland, TXZip Code:79702

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

Lease No.:	LC02942()-В
Legal Description of Land:	Section 33 Eddy Co.,	T17S, R31E, NMPM NM

Formation(s) (if applicable):

Bond Coverage: (State if individually bonded or another's bond)

Individually

BLM Bond File No.: NM-2308 with endorsement to State of NM

Authorized Signature: Mik Law Title: Agent Mike Francis Date: <u>08-31-2001</u>



VATION ______ 3735'

ERATOR _____EOG RESOURCES, INC. SE DENALI "33" FEDERAL No. 2

3S TOPO MAP <u>LOCO HILLS & MALJAMAR,</u> NEW MEXICO.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800