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

m 3160-3 (August 1999) RECEIVED

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

UNITED STATES

JUL 0 7 2005

			NMNM 108958		
BUREAU OF LAND MANGEMENT CODENTIFICATION			6. If Indian, Allottee or Tribe Name		
APPLICATION FOR PERMIT TO D	RILL OR RI	ENTER			
1a. Type of Work: X DRILL REENTER			7. If Unit or CA Agreement, Name and No.		
1b. Type of Well: Oil Well Gas Well Other	Single	Zone Mult	iple Zone	8. Lease Name and Well No. Danube 14 Fed Com No.1	
2. Name of Operator EOG Resources, Inc. 7377				9—API Well No.	34198
3a. Address	3b. Phone N	lo. (include area	code)	10. Field and Pool, or E	
P.O. Box 2267 Midland, TX 79702		(432) 686-3714	·	Wildeat	96623
4. Location of Well (Report location clearly and in accordance with any State requirements.*) SUBJECT TO LIKE APPROVAL BY STATE At surface 1074' FSL & 1703'FEL (U/L 0)					Blk. And Survey or Area
At proposed prod. Zone 660' FNL & 1880' FEL				40.0	Tag. o
14. Distance in miles and direction from nearest town or pour 4 Mi. SW from Artesia NM	ost office			12. County or Parish	13. State
15. Distance from proposed* location to nearest	16. No. of Acres in lease 17. Spacing 1,360 320 ac.		ng Unit dedicated to this well E/2		
property or lease line, ft.					
(Also to nearest drlg. Unit line, if any)	10 5		00 01111	14 B 141 C	
18. Distance from proposed location* to nearest well, drilling, completed	19. Propose TVD 5200	d Depth	20. BLM/B NM2308	IA Bond No. on file	
applied for, on this lease, ft.	TMD 8500				
21. Elevations (Show whether DF, KDB, RT, GL, etc) Gr 3722	22. Approximate date work will start* 5/20/2005		23. Estimated duration 30 days		
	24. A	ttachments			
The following completed in accordance with the requirements of Onshore Oil an Gas Order No. 1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest Sytem Lands, the SUPO shall be filed with the appropriate Forest Service Office) 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above) 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized officer.					-
25. Signature	Name (Printe	ed/Typed)		Date	
Title Agent Mike Francis 3/29/2005					5
Approved by (Signature)	Name (Printe	ed/Typed)		Date	
/s/ Tony J. Herrell	/s/ Tony J. Herrell			11	JUL 0 6 2005
FIELD MANAGER	Office	CABLS	SBAD	FIELD OFFIC	E
Application approval does not warrant or certify the applicant holds legal or operations theron. Conditions of approval, if any, are attached	METOLVALCUDITONO				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cr	imo for any nome	on knowingly and wil	fully to make to	any department of access of	6211-224

Keswell Controlled Water Basin

*(Instructions on reverse)

WITHESS: 114" CEMENT JOB

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisidiction.

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

RECEIVED

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 JUN 1 7 2005

Form C-144 March 12, 2004

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

Pit or Below-Grade Tank Registration or Closure

Type of action: Registration of a pit of	or below-grade tank Q Closure of a pit or below-grade	de tank 🔲	
Operator: EOG Resources, Inc.	Telephone 432 686-3714 e.	mike_francis@ mail address:eogresources.com	
Address: P.O. Box 2267 Midland Texas 7	9702	man address.	
Facility or well name: Dan whe 14 fed Com API #:		7. R24	
County: £ddy Latitude Longitude			
Pit	Below-grade tank		
Type: Drilling X Production Disposal	Volume:bbl Type of fluid:		
Workover ☐ Emergency ☐	Construction material:		
Lined Unlined	Double-walled, with leak detection? Yes If not	, explain why notBECEIVED	
Liner type: Synthetic Thickness 12 mil Clay Volume		· · · · · · · · · · · · · · · · · · ·	
40,000 bbl		JUN 1 7 2005	
Depth to ground water (vertical distance from bottom of pit to seasonal high	Less than 50 feet	(20 points) QCU-ATIESIA	
water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)	
water cievation of ground water.)	100 feet or more	(0 points)	
W W	Yes	(20 points)	
Wellhead protection area: (Less than 200 feet from a private domestic	No	(0 points)	
water source, or less than 1000 feet from all other water sources.)			
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)	
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)	
and application values, and performed the application was recurred.	1000 feet or more	(0 points)	
Fresh Water Frac Pit	Ranking Score (Total Points)		
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	relationship to other equipment and tanks. (2) Indicate	e disposal location:	
onsite offsite If offsite, name of facility	(3) Attach a general description of remedial actio	n taken including remediation start date and end	
date. (4) Groundwater encountered: No Tyes If yes, show depth below	w ground surfaceft. and attach sample	results. (5) Attach soil sample results and a	
diagram of sample locations and excavations.		•	
I hereby certify that the information above is true and complete to the best of r been/will be constructed or closed according to NMOCD guidelines , a	my knowledge and belief. I further certify that the a general permit , or an (attached) alternative OC.	bove-described pit or below-grade tank has D-approved plan □.	
Date: _(a//6/05_	m-17		
Printed Name/Title Mike Francis Agent			
Your certification and NMOCD approval of this application/closure does not retherwise endanger public health or the environment. Nor does it relieve the cregulations.	elieve the operator of liability should the contents of the operator of its responsibility for compliance with any o	he pit or tank contaminate ground water or ther federal, state, or local laws and/or	
Approval:	000		
Date: 11N 2 2 2005			
Printed Name/Title	Signature		
In trech WATER ONLY			

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

Form C-144

March 12, 2004

office

Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes No.XX
of action: Registration of a pit or below-grade tank Closure of a pit or below-grade ta

Type of action. Registration of a pit of	of below-grade talk M Closule of a pit of below-gr	ade talk L
Operator: EOG Resources, Inc.	Telephone: 432 686-3714	mike_francis@ e-mail address:eogresources.com
Address: P.O. Box 2267 Midland Texas 7	9702	
Facility or well name: Danube 14 Fed HAPI #:	II/I or Otr/Otr O Sec 14 T	17 p 24
County: Eddy Latitude 32.83(25 Longitude 109		
County: Lautude 32.63121 Longitude 70	7. 32 3 7 NAD: 1927 A 1983 Surface O	wher rederal _ State _ Frivate _ indian _
DIA.	Below-grade tank	
Pit		
Type: Drilling X Production Disposal D	Volume:bbl Type of fluid:	
Workover ☐ Emergency ☐	Construction material:	
Lined Unlined	Double-walled, with leak detection? Yes If no	ot, explain why not.
Liner type: Synthetic ☑ Thickness 12 mil Clay ☐ Volume		
7 ac bbl		
Depth to ground water (vertical distance from bottom of pit to seasonal high	Less than 50 feet	(20 points)
water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
water covarion of ground water.	100 feet or more	(0 points) RECEIVED
	Yes	(20 points)
Wellhead protection area: (Less than 200 feet from a private domestic	(No)	(0 points) MAY 0 9 2005
water source, or less than 1000 feet from all other water sources.)		DIDD-MATERIA
	Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(0 points)
	Ranking Score (Total Points)	
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	relationship to other equipment and tanks (2) Indica	ite disposal location:
onsite offsite If offsite, name of facility		-
date. (4) Groundwater encountered: No Tyes If yes, show depth below	w ground surface ft. and attach sample	e results. (5) Attach soil sample results and a
diagram of sample locations and excavations.		
I hereby certify that the information above is true and complete to the best of n been/will be constructed or closed according to NMOCD guidelines \(\old{\text{M}} \), a g Date:	ny knowledge and belief. I further certify that the general permit , or an (attached) alternative OC	above-described pit or below-grade tank has CD-approved plan
Printed Name/Title Mike Francis Agent	Signature Mike Zame	
Your certification and NMOCD approval of this application/closure does not reotherwise endanger public health or the environment. Nor does it relieve the or regulations.	elieve the operator of liability should the contents of	the pit or tank contaminate ground water or other federal, state, or local laws and/or
Approval: MAY 12 2005	/ \0()	
Date:		1
Printed Name/Title	Signature	
, in the second of the second		

State of New Mexico Form C-102 Dr., Hobbs, NM 88240 NM 88240 Energy, Minerals, and Natural Resources Department Revised August 19, 2000 Submit to Appropriate District Office Grand Avenue, Artesia, NM 88210 OIL CONSERVATION DIVISION State Lease - 4 copies Fee Lease - 3 copies 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe. New Mexico 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT 3 Pool Name Pool Code API Number Undos. Callins 6623 Ranch: Welf Cam II Number Property Code Property Name DANUBE "14" Fed COM 1H OGRID No. 8 Operator Name Elevation 7377 EOG RESOURCES. INC. 3722 Surface Location Feet from the North/South line Feet from the East/West line County UL or lot no. Section Lot Idn Township Range 1074 0 14 17 SOUTH 24 EAST, N.M.P.M. SOUTH 1703 EAST **EDDY** Bottom Hole Location If Different From Surface Lot Idn | Feet from the | North/South line | Feet from the UL or lot no. Section Township Range East/West line County В 14 17 SOUTH 24 EAST, N.M.P.M. 660' NORTH 1880' EAST **EDDY** 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. 320 NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION "OPERATOR CERTIFICATION complete to the best of my knowledge and belief. BHL 1880 X = 431493Janu Y = 669728LAT.: N 32.84097 LONG.: W 104.55639 Printed Name Agent 3/30/2005 18 18SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plot 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. BEZNER NO. 7920

1703

Certificate Number

V. X. BEZNER
JOB #101798

Ř.P.S. #7920

101 SE / E.U.O

1074

NAD 27 NME ZONE X = 431676 Y = 666190 LAT.: N 32.83125

EOG RESOURCES, INC. Danube 14 Fed Com No. 1H Eddy Co. NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

Quaternary Alluvium

0-200

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

San Andres	595'
Glorieta	1,965'
Tubb	3,256'
Abo Shale	3,945'
Wolfcamp Pay	4,995'

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

Quanterary Alluvium	0- 200'	Fresh Water
San Andres	595'	Oil
Glorieta	1,965'	Oil/Gas
Tubb	3,256'	Oil/Gas
Abo/Wolfcamp Pay	4,995'	Gas

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 11-3/4" casing at 350' and circulating cement back to surface, and 8-5/8" casing will be set at 1200' with cement circulated back to surface

4.	CASING	PROGRAM
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WITHESS

Hole Size	Interval	OD Casing	Weig	ht Grade Jt.	Conn. Type
* 14-3/4"	0- 350 ° 800'	11-3/4"	42#	H-40	ST&C
11"	0-1200'	8-5/8"	32#	J-55	LT&C
7-7/8"	0-8500'	5-1/2"	17#	P-110	LT&C

Cementing Program:

11-3/4" Surface Casing: Cement to surface with 100 sx Prem Plus, 3%

Econolite, 2% Calcium Chloride, 0.25#/sx Flocele; 150 sx Prem Plus, 2% Calcium Chloride, 0.25#/sx

Flocele

8-5/8" Intermediate: Cement to surface with 175 sx Interfill C, .25#/sx

flocele;200 sx Premium Plus, 1% Calcium Chloride

5-1/2" Production Cement w350sx Interfill C,+ .25#sx Flocele;400

sxpremium Cement, 100% Acid soluble

Additive,.6% Halad-344 +.8% Econolite+.2% HR-55. This cement slurry is designed to bring TOC to

700'.

EOG RESOURCES, INC. Danube 14 Fed Com No. 1H Eddy Co. 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 before drilling out of surface casing. Before drilling out of 1st intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/1900 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 mud system. The applicable depths and properties of this system are as follows:

	555)		Wt	Visc	ositWaterloss
	Denth C	Type	(PPG)	(sec)	(cc)
	0-350, 800,	Fresh Water (Spud Mud)	8.6-8.8	28-34	N/c
800	350 '-1200'	Brine	10.0-10.2	28-34	N/c
U	1,200'-4400'	Cut Brine	8.8-9.2	28-34	N/c
	4,400'-5,100'	Cut Brine	8.8-9.2	28-34	10-15
	4,400'-8,500'	Polymer (Lateral)	9.0-9.4	40-45	10-25

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. Danube 14 Fed Com No. 1H Eddy Co. NM

8. LOGGING, TESTING AND CORING PROGRAM:

Electric logging will consist of GR-Dual Laterlog-MSFL and GR-Compensated Density-Neutron from TD to intermediate casing with a GR- Compensated Neutron ran from Intermediate casing to surface.

Possible sidewall cores based on shows.

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

The estimated bottom hole temperature (BHT) at TD is 125 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. Danube 14 Fed Com No. 1H Eddy Co. 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.

Exhibit 1

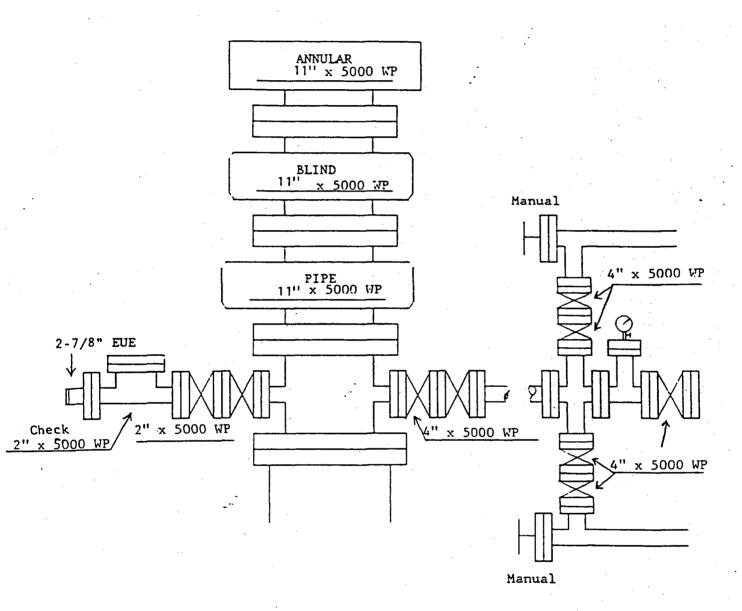
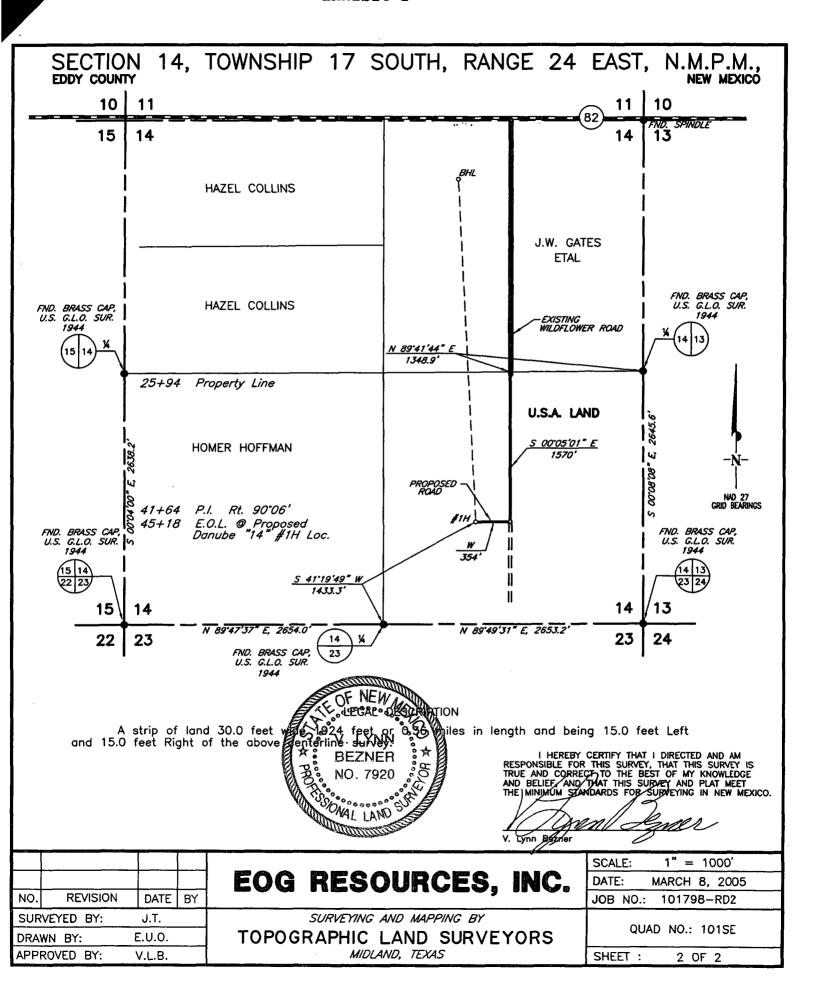
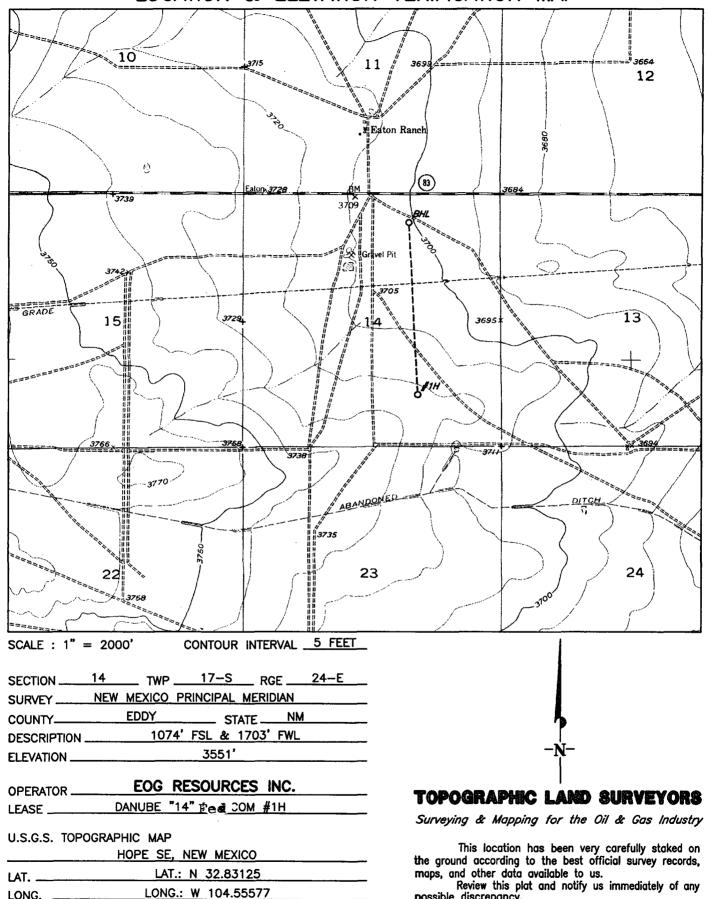


Exhibit 1



LOCATION & ELEVATION VERIFICATION MAP



1307 N. HOBART PAMPA, TX. 79065 (800) 658-6382

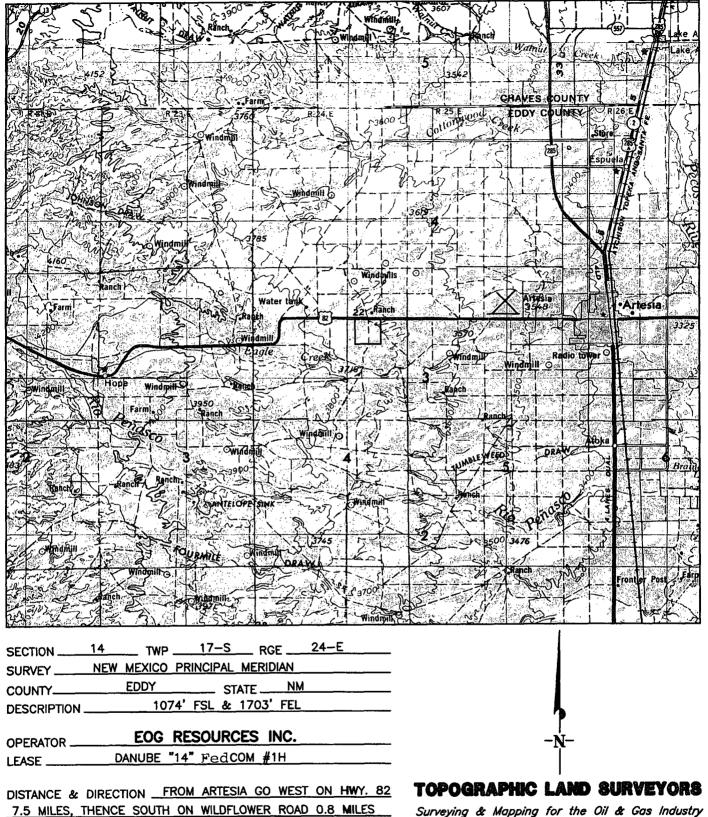
LONG. _

6709 N. CLASSEN BLVD. OKLAHOMA CITY, OK. 73116 (800) 654-3219

2903 N. BIG SPRING MIDLAND, TX. 79705 (800) 767-1653

possible discrepancy.

VICINITY MAP



Surveying & Mapping for the Oil & Gas Industry

This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.

Review this plat and notify us immediately of any possible discrepancy.

TO A POINT ±350 WEST OF THE LOCATION.