Form 3160-3 (May 1999)

SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

FORM APPROVED OMB 1004-0136

# **UNITED STATES**

Expires: May 31, 2000

DEPA	5. LEASE DESIGNATION AND ST	ERIAL NO.					
BUR	SF 078464						
APPLICATION F	OR PERMIT TO DE	RILL, DEEPEN, O	R PLUG BACK	6. IF INDIAN, ALLOTTEE OR TRI	BE NAME		
1a. TYPE OF WORK DRIL				7. UNIT AGREEMENT NAME			
		NMNM 73556					
Ib. TYPE OF WELL	<u> </u>	8. FARM OR LEASE NAME, WEI	L NO.				
OIL. WELL	X	SINGLE ZONE	MULTIPLE ZONE	$\mathbb{E}[X]$ Payne #2B	24069		
2. NAME OF OPERATOR	F			9. API WELL NO.	0 (0 0)		
3. ADDRESS OF OPERATOR	Energy, Inc.			3004531101			
c/o Walsh Engineering,	7415 E. Main St. Far	minoton NM 87400	(505) 327-4892	10. FIELD AND POOL OR WILDO			
<ol> <li>LOCATION OF WELL (Report loc</li> </ol>	ation clearly and in accordance with	any State requirements.*)	(303) 321-7072	Blanco Mesa Verde.	Dasin Dakota		
At Surface 825' FNL a	nd 1860' FWL	,	(□) SEP 200	2 AND SURVEY OR AREA			
At proposed Prod. Zone		į.	. Italian	Sec. 35. T31N	I, R13W		
Same	····		OL COMPA		•		
14. DISTANCE IN MILES AND DIRECTION	on from nearest town or pos thwest of Aztec, NM	r office*	to Dell's	12. COUNTY OR PARISH	13. STATE		
15. DISTANCE FROM PROPOSED* LOCA		16. NO. OF ACRES IN LEASE	-/ <del>/C</del> ×	San Juan	NM		
OR LEASE LINE, FT.(Also to nearest dr 825'		1	- Vector > 1 month	17. No of ACRES ASSIGNED TO THIS			
18. DISTANCE FROM PROPOSED LOCAL	TION* TO NEAD DOT MON	320	+		N/2 325.22 acres		
DRILLING, COMPLETED, OR APPLIE	ED FOR ON THIS LEASE, FT.		19. PROPOSED DEPTH 20.		ROTARY OR CABLE TOOLS		
21. ELEVATIONS (Show whether DF, RT, C	3D -4-)	6800′		Rotary			
5822' GR	JR, etc.)			22. APPROX. DATE WORK WILL  June 2002	22. APPROX. DATE WORK WILL START*		
23.	PROPOSED CAS	ING AND CEMENTING	PROGRAM	June 2002	<del></del>		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY O	CEMENT		
12-1/4"	9-5/8"	36# <b>J-</b> 55	250' +/-	165 cu ft. Cl "B" w/	2% CaCl <sub>2</sub>		
8-3/4" nphi: wo no law <b>6-1/4</b> " (1902	IZED AREIZZ"	20# J-55 11.6#, N-80	3705' +/- 6800' +/-	982 cu.ft. lead & 13	9 cu.ft. tail		
	. Il rapla <b>stó</b> T	11.00, 11-00	1 0000 +/-	- 366 cu.ft. lead & 19	nical and		
"GENERAL SAME TO SERVICE				and appear pursuant to 40 Cl			
Cordillera Energy, Inc.	proposes to drill a ve	rtical well to develo	p the Blanco Meso	a Verde and Rasin Dakot	a formations ct		
the above described loca	ttion in accordance w	ith the attached dril	ling and surface 1	ise plans.			
This location has been o	wahaaalaajaalla awa	man of the I at Dilater Acc			_		
submitted directly to you	ir office Nelson Cons	eyea oy La Piata Arc	chealogical Servic	ee. Copies of their report 02. Copies of their repor	have been		
submitted directly to you	ir office. 11015011 Cons	aiing perjormea a	1 &E survey 3/13/	02. Copies of their repor	t have been		
The wellpad, access road	d, and pipeline will be	e located on BLM si	irface land. An on	Leite inenaction			
was held with the BLM o	-site inspection						
					•		
				•	1		
					•		
IN ABOVE SPACE DESCRIBE PROF	POSED PROGRAM : If proposal is	to deenen or nlug back give da	a on present productive cone	and meaning and many and desired			
if proposal is to drill of deepen direction	nally, give pertinent data on subsurf	ace locations and measured and	rue vertical depths. Give blo	wout preventer program, if any.	The state of the s		
24.		_					
SIGNED faul C.	/hough -	TITLE Pau	l Thompson, Agei	nt date 5	/16/02		
(This space for Federal or State office use	)						
PERMIT NO.  Application approval does not warrant or	certific that the applicant halds land	APPROVAL DATE					
CONDITIONS OF APPROVAL, IF ANY	corms, man one abbutcant troids tedal of a	equicable title to those rights in the su	roject lease which would entitle th	he applicant to conduct operations thereon.			
is! Thu	id J. Markiewicz						
APPROVED BY		TITLE	<u> </u>	DATE C			
	*Se	e Instructions On	Reverse Side	-			

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.

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 21, 1994 Instructions on back

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

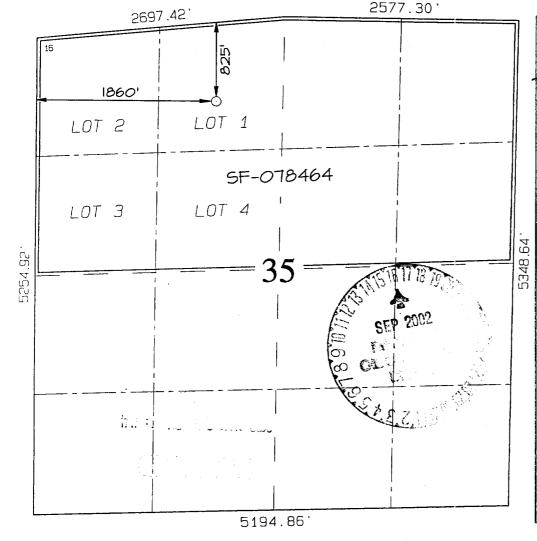
### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	²Pool Code	³Pool Name			
30-045-31101	72319 \ 71599	SIN DAKOTA			
24069	°Pr	*Well Number 2B			
'OGRID No.	*Op	erator Name	*Elevation		
173252	CORDILLER	5822			
	10 Cup f	ace Leontine			

¹º Surface Location UL or lat no Section Township Range Feet from the Lot Idn North/South line Feet from the East/West line County C 35 31N 13W 825 NORTH 1860 WEST SAN JUAN 11 Dotton Holo

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
									,
12 Dedicated Acres 325.22 Acres - (N/2)			13 Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.				
			Y						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

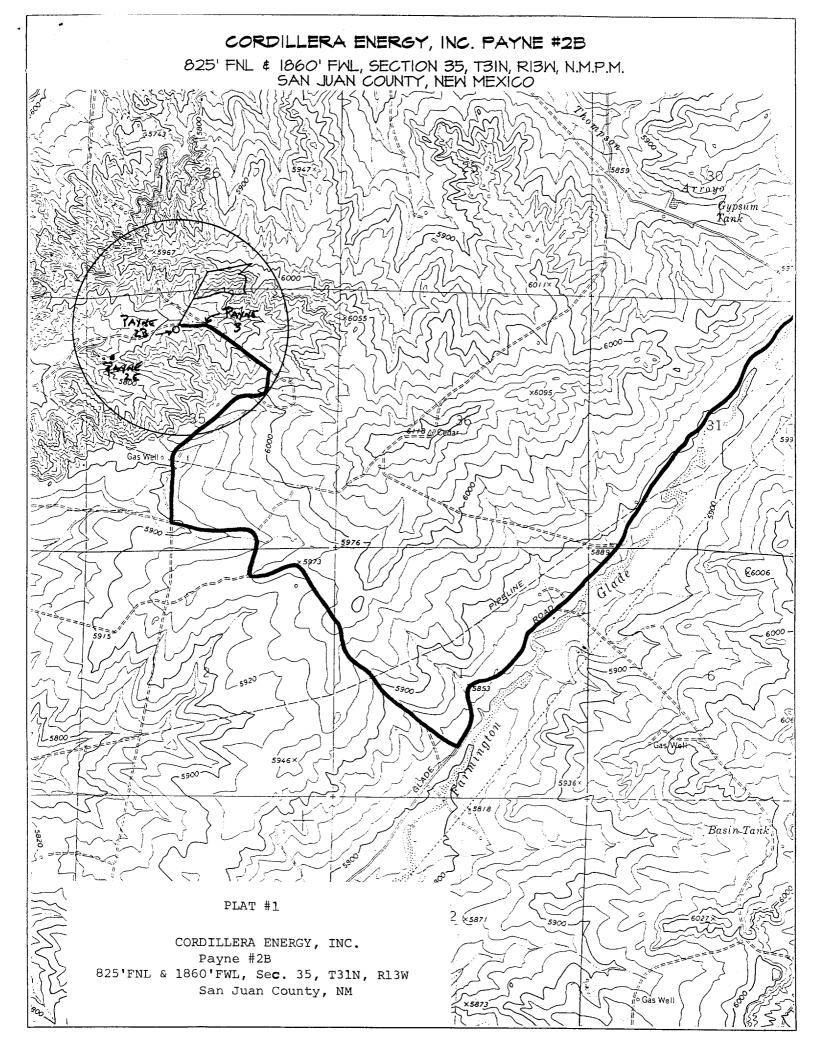


OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Taul Signature Paul C. Thompson Printed Name Agent Title 5/17/02 Date <sup>18</sup> Surveyor Certification I hereby certify that the well location shown on this plat 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: MAY 2, 2002 Signature and Seal of Professional Surveyor SPON C. EDWARDS SIN MEXIC PRESIDENT ARTESSIONA

UASON (

Certificate Number

15269



Payne #2B Operations Plan Pg #2

## C. Minimum Blowout Control Specifications:

Double ram type 2000 psi working pressure BOP with a rotating head. See the attached Exhibit #1 for details on the BOP equipment. All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 1000 psi.

The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock, floor safety valve, and choke manifold all rated to 2000 psi.

#### IV. Materials

A. Casing Program:

Hole Size	Depth	Casing Size	Wt. & Grade
12-1/4"	250 <b>′</b>	9-5/8"	36# J-55
3-3/4"	3705 <b>′</b>	7"	20# J-55
6-1/4"	6800 <b>′</b>	4-1/2"	11.6# N-80

- B. Float Equipment:
- a) Surface Casing: Notched collar on bottom and 3 centralizers on the bottom 3 joints.
- b) Intermediate Casing: 7" cement guide shoe and self fill insert float collar. Place float one joint above shoe. Ten centralizers spaced every other joint above shoe and ten turbolizers every other joint from 1500'.
- c) Production Casing: 4-1/2" whirler type cement nosed guide shoe and a float collar on top of the bottom joint.

Payne #2B Operations Plan Pg #3

#### V. Cementing:

Surface casing: 9-5/8" - Use 140 sx (165 cu. ft.) of Cl "B" with 2% CaCl<sub>2</sub> (Yield = 1.18 cu. ft./sk; slurry weight = 15.6 PPG). 100% excess to circulate cement to surface. WOC 12 hours. Pressure test surface casing to 1000 psi for 30 min.

Intermediate Casing: 7" - Before cementing circulate hole with at least 1-1/2 hole volumes of mud. Precede cement with 30 bbls of fresh water. Lead with 470 sx (982 cu.ft) of Type III 65/35 poz with 8% gel, 1% CaCl<sub>2</sub>, ¼#/sk. Celloflake. (Yield = 2.09 cu.ft./sk; slurry weight = 12.1 PPG). Tail with 100 sx (139 cu.ft.) of Type III with 1% CaCl<sub>2</sub>, ¼#/sk. Celloflake. (Yield = 1.39 cu. ft./sk; slurry weight = 14.5 PPG). Total cement volume is 1121 cu.ft. (100% excess to circulate cement to surface). WOC for 12 hrs. Pressure test the BOP and casing to 1500 psi.

Production Casing: 4-1/2" - Blow hole clean. Precede cement with 20 bbls of gel water and 10 bbls of water. Lead with 185 sx (366 cu.ft.) of Premium Lite HS with 0.65% FL-52, 0.32% CD-32,  $\frac{1}{4}$  #/sk celloflake, and 4% phenoseal. (Yield = 1.98 cu.ft./sk; slurry weight = 12.5 PPG). Tail with 100 sx (196 cu.ft.) of Premium Lite HS with 0.65% FL-52, and 0.32% CD-32. (Yield = 1.96 cu.ft./sk; slurry weight = 12.5 PPG). Total cement volume is 562 cu.ft. (70% excess to circulate 100' above the intermediate casing shoe).

Paul C. Thompson, P.E.

Paul C. Thomas -