STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

## DIL CONSERVATION DIVISION POST OFFICE BOX 2088 POST OFFICE BOX 2088 Revised 7-1-81

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501

SEP 21 1989

PPLICA	TION FOR AUTHORIZATION TO INJECT OIL CONSERVATION DIV.
I.	Purpose: Secondary Recovery Pressure Maintenance Storage Application qualifies for administrative approval? yes no
II.	Operator: Cibola Energy Corporation
	Address: PO Box 1668, Albuquerque NM 87103
	Contact party: Terrell A. Dobkins Phone: (505)622-0553
111.	Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project?  yes XXXXo  If yes, give the Division order number authorizing the project
٧.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
<b>v</b> I.,	Attach a tabulation of data on all wells of public record within the area of review whice penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
V1I.	Attach data on the proposed operation, including:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and</li> <li>If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).</li> </ol>
III.t	Attach appropriate geological data on the injection zone including appropriate lithological, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
х.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
III.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
KIV.	Certification
	I hereby certify that the information submitted with this application is true and correcto the best of my knowledge and belief.
	Name: Terrell A. Dobkins Title Engineer
	Signature: Jewell (a Conferme) Date: 4/6/39
submi	te information required under Sections VI, VIII, X, and XI above has been previously tted, it need not be duplicated and resubmitted. Please show the date and circumstance e earlier submittal.

### III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application.

  The data must be both in tabular and schematic form and shall include:
  - Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the packer used or a description of any other scal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1). The name of the injection formation and, if applicable, the field or pool name.
  - (2). The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

### XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

### HELL DATA SHEET

	tion, po Box 1668, Albuquerque, NM 87103
Well name & number: Duncan Federal	#1
Wolf Lake San Andres Pool	
1980' FNL & 660' FW1	Conversion: Yes
Section 31 Township 85 Range	e 28E County: Chaves
CASING & TUBING DATA	Well status: Shut-in/ plugged / TA
Maximum Injection Pressure 900 psi	Fressure Test Information
Estimated Injection Rate 250 Bbl/day	Comments:
Surface   Surface Casing   8 5/8 in   20 1b/ft   215   ft     Surface Casing   8 5/8 in   20 1b/ft   215   ft     Surface Casing   8 5/8 in   20 1b/ft   215   ft     Surface Casing   8 5/8 in   20 1b/ft   215   ft     Surface Casing   8 5/8 in   20 1b/ft   20 1b/f	Next higher or lower producing zone is the Siluro-Devonian at 6600 feet.
Mine String	ADDITIONAL COMMENTS  Surface cement circulated to  surface. Cement top on long string
Long String    Long String   $\frac{4 \cdot 1/2}{9.5}$ in $\frac{9.5}{2299}$ ft     Long String   $\frac{8}{9.5}$ lb/ft   $\frac{2299}{100}$ ft     Cenent   $\frac{165}{100}$ est at $\frac{1000}{2260}$ ft	was calc. from cement volume  2 3/8 plastic lined tubing  will be run with a Halliburton  RTTS packer set at about 2260 feet.
PBT: 2294 ft   1400 '   Pacter set at 2260 ft	
Rame of Injection Lone(s) San Andres	I certify that this information is true and correct to the best of my knowledge and belief.
Perforated Interval(s) 2274 to 2282 to none	70000 9/6/89 (Name) (Date)

(Rev. 5.48)			( ED					DUPL	e Der in	F	orm ar Judget I	proved. Bureau No. 42-R355,5.
	DEPAR					TERIOF	₹	struc	tions on se side)	5. LEASE DE	BIGNATI	ON AND BERIAL NO.
		GEC	LOGIC	AL SU	RVEY					_	125	
WELL CO	MPLETION	1 OR	RECO	MPLET	ION	REPORT	AN	D LO	G *	6. IF INDIAN	, ALLOT	THE OR TRIBE NAME
1a. TYPE OF WEL		L X			RY 🗌	Other				7. UNIT AGRI	EMENT	NAME
b. TYPE OF COMP		EP-	PLUG BACK	DIF	vr.	Other				S. FARM OR	LEASE	NAME
2. NAME OF OPERAT	on									Duncan	Fede	eral
Coronado	Explorati	on Co	orp.							9. WELL NO.		
	uette NW		Albuqu	erque.	New	Mexico	871	02		10. FIELD AN	D POOL	, OR WILDCAT
4. LOCATION OF WEI	L (Report locat	ion clea	irly and in	accordance	with a	ny State requi	remen	te)*		Wildcat		
At surface	1980 FNL		60 FWL		1	ACCEPTE	D FC	R RECO!	RD	11. SEC., T., I OR AREA	R., M., C	H BLOCK AND SURVET
At top prod. into	erval reported b	elow	sam	e					<u> </u>	Sec.	31- 8	3S-28E
At total depth	same			114 pp	BMIT NO	API		7 1981		12. COUNTY		13. STATE
				14. 12	T	u.s. Gidl	.OGI	CAL SUR	VEY	Chaves		NM
15. DATE SPUDDED	16. DATE T.D.	REACHE	D   17. DAT	E COMPL.	(Ready	" PROSWIE	L,EN	EWI-MEX	CO <sub>EB</sub>	RT, GR, ETC.)*	19. E	LEV. CABINGHEAD
10-31-80	1-7-	81	ı	3-11-	81			- <del>39</del> 40.	6 Gr.		<u> </u>	3941.6
2300	k TVD   21. PL	229	к т.б., мо а 4 <sup>†</sup>	TVD 22	HOW 1	LTIPLE COMPL.	•	23. INT	ERVALS LLED BY	ROTARY TOO:	LB [	O to TD
24. PRODUCING INTER	1			i					<del>-&gt;</del>	]	25	. WAS DIRECTIONAL SURVEY MADE
2274, 75,	76, 77,	78,	79, 79.	5, 80,	81,	82 <u>S1</u>	<u>a</u> ug	hter S	an Ar	ndres	4.	No
2274, 75,	NO OTHER LOCK	DUN	and the state of t								27 W	AS WELL CORED
Dual Induc			Lag S	idewal	1 Ner	itron-CR	C	omn D	anci'	log	21. ".	No
28.	1000					port all strings			CHS1.	LOG. 1	-	
CASING SIZE	WEIGHT, LB	<del></del>	DEPTH SE		H	OLE SIZE				RECORD		AMOUNT PULLED
8 5/8"	20#		41		<b> </b>	8"				lass "C"		
4 1/2"	9.5	<u>#</u>	229	9	·	8	<u> </u>	6# s		lass "C",		
29.			RECORD			·		30.		TUBING RECO	RD	
SIZE	TOP (MD)	BOTT	ом (мр)	SACKS CE	EMENT*	SCREEN (M)	D)	SIZE	100	DEPTH SET (M	D)	PACKER SET (MD)
								2 3	/8" -	2290		N/A
31. PERFORATION REC	OBD (Interval, s	ire and	number)			82.	AC	ID. SHOT	FRAC	TURE, CEMENT	BQUE	EEZE, ETC.
2274, 75,	76, 77,	78, 7	79, 79.	5, 80,	81,	DEPTH INT			<b> </b>	OUNT AND KIN		
82						2274	<u>-22</u>	82	46	000 gals 2	28% I	ICL
										• .		· · · · · · · · · · · · · · · · · · ·
33.* DATE FIRST PRODUCTION	ON   PROI	DCTION	METHOD (	Flowing ac		DUCTION umping—size	and t	une of own	10)	l wer.	8747178	(Producing or
3/7/81			umping					<b>,</b> po 0, pu	.,	ehui	Pro	od.
DATE OF TEST	HOURS TESTED	C	HOKE SIZE	PROD'N		OIL-BBL.		GAS-MC	er.	WATER-BBL		GAS-OIL BATIO
3/31/81	24 CASING PRESSU	DE L C	AL CUL ATTEN	<u> </u>	<del></del>	2		<u> </u>		12		
FLOW, TUBLING FRESS.	CASING FRESS		ALCULATED 4-HOUR RAT		2 //		150	00 1	WATER-	1	OIL GR	AVITY-API (CORR.)
34. DISPOSITION OF GA	s (Sold, used fo	r juel, t	ented, etc.)		- <u>-                                  </u>	APP	Tr.	沙京	<u> </u>	TEST WITNES		
35. LIST OF ATTACHM	ENTS				<u> </u>	- "	8 10	7/	<del>///</del>	Antoni	o Se	gala
Logs as li					₽ <sub>C</sub>	SWELOGIC	•3	ďi	//			
36. I hereby certify	that the foregoi	ng and	attached in	formation	is comp	olete and co	660	det	d from	all available re	cords	· · · · · · · · · · · · · · · · · · ·
SIGNED	er Guera	1 ( ) ( )		TIT	CLE	Producti	OH/	Secret	ary	DATE	4-	-7-81
	*(Se	e Instr	uctions ar	nd Space	s for A	Additional D	Data	on Reve	rse Sid	le)	<u></u>	6

# NSTRUCTIONS

submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 or Federal office for specific instructions.

for each items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, tem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. additional interval to be separately produced, showing the additional data pertinent to such interval.

item 33: Submit a separate completion report on this form for each interval to be separately produced. Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool (See instruction for items 22 and 24 above.)

BOBNIATION  BOBNIATION  BOBNIATION	DRIANT ZONES OF PO	USED, TIME TOOL O	SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES FORMATION TOP BOTTOM DESCRIPTION CONTENTS, ETC.	COVERIES TESTS, INCLUDING	38. GEOLOC	GEOLOGIC MARKERS	9
* ORSIA LION	101	DO A LOS	DESCRIPTION, CONTENTS,	P.I.C.	NANG	MEAS. DEPTH	TRUE VERT. DEFTE
Yates	500	1100	V.F. Sand and Shale	:			
Queen	1100	1630	Sand and shale and salt				
San Andres	1630	2248	Anhydrite and dolomite	,			
Slaughter	2248	TD	Dolomite				
				 V.			

### Duncan Federal #1 Proposed Operation

- Maximum Daily Rate Expected: 400 BWPD Average Daily Rate Expected: 250 BWPD
- 2. System will be closed, with a holding tank on location for water storage.
- 3. Maximum Injection Pressure Expected: 900 psi Average Injection Pressure Expected: 100 psi
- 4. Source of injection water: Siluro Devonian formation at Aciete
  Negra #4
  San Andres formation at Duncan
  Federal #2

Compatibility test between Siluro Devonian water and San Andres water is attached.

5. Chemical analyses of disposed waters are attached.

		<u> </u>			
		24			
	z.3	~~~		20	21
	and the second s	R27E	R28E		
	26	25	30 	29	28
T 8 5	35	36	Cibola 1 Duncon Federal 3-31-81 TD 2300 31	32 \$\frac{1}{2} \tag{Midwest Oil} \$1 \tag{State N} \$11.1-67 \$\tag{TD 3070}	3 3
T 9 S	EIK Oil O-1 Graham 72 16620 2 -2-82	54. (om ,	Read+Stevens - Polma Mesa Fed. FD :125 B	5	4
And the second s	11	[ Z Cibola 2 Acima Negraja 7D 7150 Cibola 4 Arielo Negra	7 Cibala * Duncon Federal Z	Cibola - Agua Negra 1 	·q
to the second se	14	6-55 15 6998	9-15-39 2317 2317 Cibol Aeva	17	16
		THE THE PROPERTY OF THE PROPER		DUNCAN FI CHAYES CO., Scale !	EDERAL No. 1 NEW MEXICO

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### Duncan Federal #1 Wells Within Area of Review

Well Name	Location	Status	Date Drilled	Depth	Completion Interval
Midwest Oil State N #1	NESW 32 T8S R28E	Plugged	11/1/67	3070′	None
Read & Stevens Palma Mesa	SWNW 6	Plugged	11/29/83	2450'	None
Federal #1	T9S R28E				
Elk Oil Graham State	SWNE 2	Plugged	8/2/82	66201	None
Com. #1	T95 R27E				
	111.16 2	Care	d land		

Wells are not in area y lover We do not have details of plugging on the Midwest Oil COMMENT: and Elk Oil wells.

### Plugged Well Schematic

Date Plugged 11/29/83 Read & Stevens

Palma Mesa Federal #1 SWNW 6 T95 R29E

Date Plugged 11/18/83

Surface Hole 12 1/2" Surface Pipe		20sx cmt plug O to 50'
8 5/8" at 457' 350sx circ 50sx to surface		50sx cmt plug 415' to 515'
Long String 7 5/8" Hole 4 1/2' at 2450'		
		60sx cmt plug 1568' to 1668'
TD 2450'	A L	

### Duncan Federal #1 Geological Summary

Injection Zone: San Andres, Slaughter

Perforated Interval: 2274' to 2282'

Formation Top: 2248'

Formation Gross Thickness: 52'

Lithologic Character: Dolomite

Sources of drinking water: Santa Rosa Sand, 0 to 450'

### Proposed Stimulation

Acidize perforations with 1000 gallons of 28% HCL. Additional stimulations will be performed as needed.

### Well Logging and Test Data

Well logs were submitted upon completion. Completion report is attached. The well has been shut-in as uneconomic to operate since 1988.

Duncan Federal#1 Sec34-85-28E San Andres wtr

		LAB NO. /	1902	
10021100 CEASE # 12557	Date of collection 11/18/8	SiOp	epin	ppra
D. Fel 1 Source (type of well) O, L omer Mark Hamilton	Dissolved Solids:  Residue at 180°C  Calculated (Sum)  Tons per Acre Foot	Fe Ga		
Date drid Cosed to ft Dapth Diam WEF P S &	Hardness as CaCO <sub>3</sub>	Mg No K		
Water lavelft  Sampled after pumping hrs  YieldGFN (meas or est)  Pt of coll	Specific Conductance (micromhos at 25°C) 170,919  1990 FNU  660 FNU	HCO3		
Appearance Clr W/IArgo Grat all  Temp (*P) Use Oil b) ell  Collector Garrer  Chemiat K 2	Phone 622-9062	CO <sub>3</sub> SO <sub>4</sub> CI		124,500
Date completed	al ·	NO3		

ANALYTICAL STATEMENT - GW

## BEFORE EXAMINER STOGNER OIL CONSERVATION DIVISION EXHIBIT NO. JASE NO.

95.27E. 12.44341 ANALYTICAL STATEMENT-GWOODS

86. 28E. 34. 130

ANALYTICAL STATEMENT - GWOWNT LAB NO. 14903

Location		Date of collection 11/13/35			
lease # 18611		Ignition LossColor	_	epm	ppm
negra #4		Dissolved Solids:	SiO <sub>2</sub>		
Source (type of well)	UIL	Residue et 180°C	_ Fe		
omer Mark Ho	unilton	Calculated (Sum)	_		
<del></del>	<del></del>	Tons per Acre Pont	_ Ca		
Date drld	Cased tof	Hardness as CaCO	Mg		
Depth	Di am	Non-carbonate Hardness	No		1
var Dev.		I WaPH	_  <b>K</b>		
Water level	_ft	Specific Conductance	.		_
Sampled after pumping	bre	(microshos at 25°C) 67,857	No+K		
fieldGFM (me	as or ear)	Phone = 622 - 4062			
Pt of coll		170 FEC	нсо,		
Appearance Sir w/4	mul nont oil	. ,70 rez	co,		
Temp (*7)Use	1 1211		504		1
Collector 25 Atc		معنی است. این معنی است.	C1		29,900
Chemise +			F		
Onte completed			NO.		<b></b>
Checked by			1		_
Date transmitted		3			The same of the same
		and the contract of the contra		and the second s	A STATE OF THE STA

lciète Negra#4 jec 12-95-27E sevonian wtr

SENDER: Complete items 1 and 2 when additional s 3 and 4.	· · · · · · · · · · · · · · · · · · ·
Put your address in the "RETURN TO" Space on the revers card from being returned to you. The return receipt fee will pro- to and the date of delivery. For additional fees the following for fees and check box(es) for additional service(s) request	se side. Failure to do this will prevent to ovide you the name of the person deliver services are available. Consult postmas
for fees and check box(es) for additional service(s) requests  1. Show to whom delivered, date, and addressee's add  (Extra charge)	ed. iress. 2.  Restricted Delivery (Extra charge)
3. Article Addressed to:	4. Article Number
MESA LIMITED PARTNERSHA	P. 140 -464-640  Type of Service:
ONE MESA SOUARE	Registered Insured Contified CoD
P.O. BOX 2009	Express Mail Return Receipt for Merchandise
AMARILLO, TX 79189	Always obtain signature of addresses or agent and <u>DATE DELIVERED</u> .
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent	
7. Date of Delivery AULI 2 3 100	
98 Same 29.11 May 1099 - 11.0 0 D O 109.0 - 010.0	PAS DOMESTIC RETURN REC
S Form 3811, Mar. 1988 + U.S.G.P.O. 1988-212-	
SENDER: Complete items 1 and 2 when additional a	services are desired, and complete ite
Put your address in the "RETURN TO" Space on the rever	se side. Failure to do this will prevent t
to and the date of delivery. For additional fees the following	ovide you the name of the person deliver services are available. Consult postmas
card from being returned to you. The return receipt fee will pr to and the date of delivery. For additional fees the following for fees and check box(es) for additional service(s) request 1.   Show to whom delivered, date, and addressee's additional service(s) request (Extra charge)	dress. 2.  Restricted Delivery (Extra charge)
3. Article Addressed to:	4. Article Number - 120
Carl Achellings	Type of Service:
P.O. Box 447	Registered Insured Con Receipt Express Mail Express Mail
Roswell nm 88202	Always obtain signature of addressee
5. Signature — Address	or agent and DATE DELIVERED.
X	requested and fee paid)
6. Signature – Agent	
7. Date of Delivery	
PS Form 3811, Mar. 1988 # U.S.G.P.O. 1988-212-	-865 DOMESTIC RETURN REC
SENDER: Complete items 1 and 2 when additional 3 and 4.	and the second s
Put your address in the "RETURN TO" Space on the rever card from being returned to you. The return receipt fee will p	rse side. Failure to do this will prevent rovide you the name of the person delive
card from being returned to you. The return receipt fee will p to and the date of delivery. For additional fees the following for fees and check box(es) for additional service(s) reques	ted. I is a three the first term
<ol> <li>Show to whom delivered, date, and addressee's ad (Extra charge)</li> </ol>	dress. 2. Restricted Delivery (Extra charge)
3. Article Addressed to:  FLK O/L CO.	4. Article Number D 100. 464-64
P.O. BOX 310	Type of Service:
TIU, DUA SIU	Certified COD
	Return Receipt
ROSWELL, NM 88202-	Express Mail Return Receipt for Merchandis  Always obtain signature of addressee
ROSWELL, NM 88202- 0310	Express Mail Return Receipt for Merchandis  Always obtain signature of addressee or agent and DATE DELIVERED.  8. Addressee's Address (ONLY if
ROSWELL, NM 88202- 0310	Express Mail Return Receipt for Merchandis  Always obtain signature of addresses or agent and DATE DELIVERED.
ROSWELL, NM 88202- 0310 5. Signature - Address 6. Signature - Agent X	Express Mail Return Receipt for Merchandis  Always obtain signature of addressee or agent and DATE DELIVERED.  8. Addressee's Address (ONLY if
ROSWELL, NM 88202- 0310 5. Signature Address X 6. Signature Agent	Express Mail Return Receipt for Merchandis  Always obtain signature of addressee or agent and DATE DELIVERED.  8. Addressee's Address (ONLY if

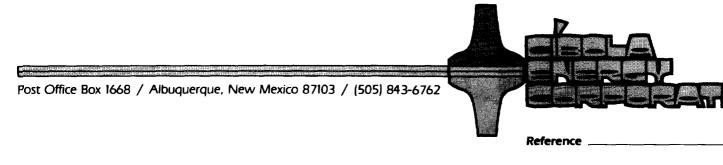
### AFFIDAVIT OF PUBLICATION

County of Chaves
State of New Mexico,
ı, Jean M. Pettit
Manager,
Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the clipping hereto attached was published once a week in the regular and entire issue of said paper and not in a supplement thereof for a period
of one time
weeks
beginning with the issue dated $\frac{450}{2}$
September , 19 89
and ending with the issue dated
September 1939
Sworn and subscribed to before me
this4th day of
September 19 89
Marylon & Shipper Notary Public
My commission expires
(Seal) July 21, 19 90

Publish September 4, 1989

### NOTICE OF APPLICATION

Cibola Energy Corporation, P.O. Box 1668, Albuquerque, NM 87103, has filed to the Cil Conservation Division to convert to Duncan Federal #1 to an injection well. The Duncan Federal #1 to an injection well. The Duncan Federal #1, 1980 FNL and 660 FWL, Sec. 31:85-28E, Chaves County, will be converted for the purpose of salt water disposal fine the San Andres Formation 2275 to 2282. The maximum pressure 900#. Any questions of the county of the converted to Terrell A. Pobkins at 505)622-0553. Interested parties must file objections of requires must file objections of requires must file objections of requires with NMCCD, P.Q. Box 2088, Santa Fe, NM 87504-2088 within 15 days.



I. Terrell A. Doukins, engineer, have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

Terrell A. Dobkins

Engineer

September 6, 1989