



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

July 16, 1992

Cibola Energy Corporation  
P.O. Box 1688  
Albuquerque, New Mexico 87103

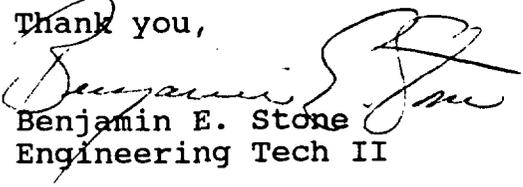
Attn: Harvey E. Yates, Jr.

Re: SWD Application - Duncan Federal No.4Y

Dear Mr. Yates,

Please furnish this office with a tabulation of cement data on the six (6) wells in the 1/2 mile radius area of review for the subject well.

Thank you,

  
Benjamin E. Stone  
Engineering Tech II

/BS

Post Office Box 1668 / Albuquerque, New Mexico 87103 / (505) 843-6762

OIL CONSERVATION DIVISION  
RECEIVED

JUL 23 1992 11 09 11

Reference \_\_\_\_\_

RELEASE ~~8.7.92~~  
7.29.92

July 23, 1992

State of New Mexico  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

Attention: Benjamin E. Stone  
Engineering Tech II

Reference: SWD Application - Duncan Federal #4Y

Dear Mr. Stone,

In response to your letter of July 16th, enclosed please find casing and cement data on each of the six (6) wells in the 1/2 mile radius area of review for the subject well.

Attached to the casing schematic for each well are copies of the various notices that were filed with the State or BLM on each well as they relate to cement work.

Very truly yours,



Tom Kimball  
Landman

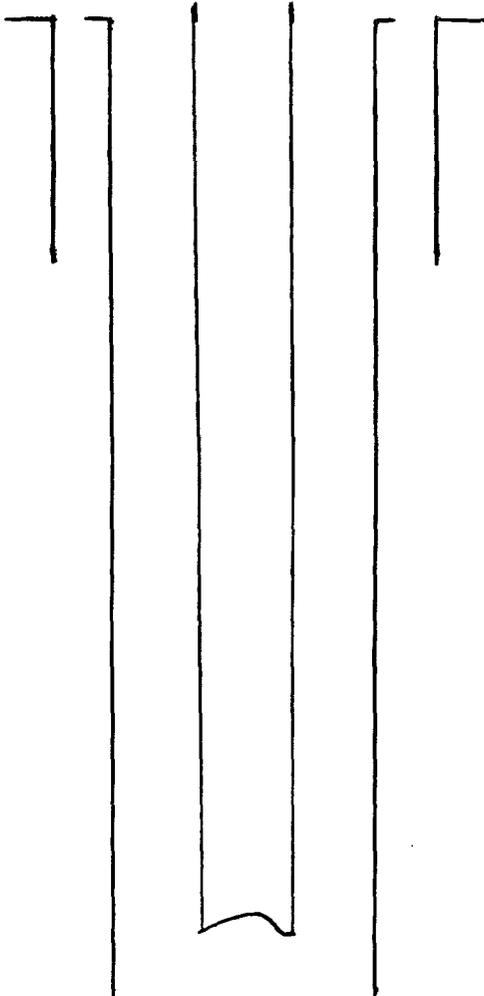
Enclosures

WELL DATA SHEET

Operator: Cibola Energy Corp. P.O.Box 1668 Albuquerque, NM 87103  
Well Name: Aceite Negra #4  
Unit Letter "P" 330'FSL & 940'FEL  
Section: 12 Township: 9S Range: 27E County: Chaves  
Well Status: Shut in; we will circulate AFE related to plugging this well

CASING & TUBING DATA

Surface Wellbore:  
12-1/4 in



Surface Casing:  
8-5/8 in  
24 lb/ft  
1643 ft  
Cement: 800 sx

Long String Wellbore:  
7-7/8 in

Long String:  
5-1/2 in  
15.5 lb/ft  
6995 ft  
Cement: 700 sx  
TOC: 4500 ft  
(est)

Tubing:  
2-7/8 in  
6311 ft

TD: 6996 3-25-85  
PBTD: 6900 3-25-85  
6519 1-04-91

(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

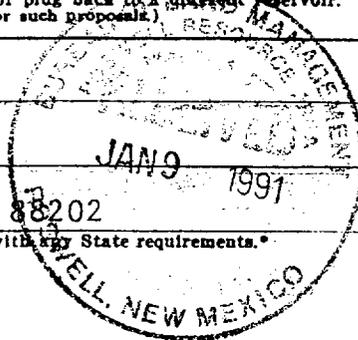
Expires August 31, 1985

OPERATOR'S COPY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 18611	
2. NAME OF OPERATOR Cibola Energy Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 2684, Roswell, N.M. 88202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.* See also space 17 below.) At surface  330' FEL and 940' FSL		8. FARM OR LEASE NAME Aceite negra	
14. PERMIT NO.		9. WELL NO. 4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3880.2		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 12 T9S R27E	
		12. COUNTY OR PARISH Chaves	13. STATE NM



Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Re-cement job</u>	<input checked="" type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 1) Drilled out cement to 6,523 ft.
- 2) Squeezed off perforations 6,498 to 6,515 with 200 sacks of Premium Plus cement containing 10 lb. per sack Microbond and 5 lb. per sack salt and 3/10 of 1% HAL 322 (Halliburton). Squeezed in 170 sacks at 2,300 psi and reversed out approximately 30 sacks to pit. 12/26/90.
- 3) Drilling out cement to 6,519 ft. in order to re-perforate well with sand jet. Well will be perforated at 6,490; 6,494; 6,498; 6,501; 6,508; 6,512; 6,516; and 6,520.
- 4) New PBDT 6,519 ft. with 12 ft. KB.
- 5) Dug pit 8' X 14' for use in recompletion and for wellhead protection. Pit will be fenced and screened.

RECEIVED

JAN 16 1991

ENERGY

18. I hereby certify that the foregoing is true and correct

SIGNED Peter W. Chester

TITLE Production Clerk

DATE 1/4/91

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD  
PETER W. CHESTER  
DATE Peter W. Chester  
JAN 11 1991  
BUREAU OF LAND MANAGEMENT  
ROSWELL RESOURCE AREA

\*See Instructions on Reverse Side

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R335.5 61035

5. LEASE DESIGNATION AND SERIAL NO.

NM 18611

YALE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Aciete Negra

8. FARM OR LEASE NAME

Aciete Negra

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 12-9S-27E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

14. PERMIT NO.

DATE ISSUED

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. DESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Cibola Energy Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1668, Albuquerque, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 330 FSL & 940-FEL

At top prod. interval reported below

At total depth same

15. DATE SPUNDED

3-7-85

16. DATE T.D. REACHED

3-25-85

17. DATE COMPL. (Ready to prod.)

4-27-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3880.2 GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6996

21. PLUG, BACK T.D., MD & TVD

6900

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-6996

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Devonian 6491-6501

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp Neutron, Long Spaced Sonic, Cement Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1643	12 1/4"	600 sx lite wt 3 w/2% CaCl	
				200 sx Class C w/2% CaCl	
5 1/2"	15.5#	6995	7 7/8"	250 sx self stress	
				450 sx Dowell lite wt 5	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	6311	

31. PERFORATION RECORD (Interval, size and number)

6491-6501 1 shot per foot

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6491-6501	1000 gal 15% MSR acid

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
4-27-85	Pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-30-85	24		→	112	TSTM	41	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	112		41		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Mark Hamilton

35. LIST OF ATTACHMENTS

see letter

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Karen Ayer*

TITLE

Drilling Secretary

DATE

5/14/85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED

APR 11 1985

CIBOLA ENERGY CORP.

UNIT STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other [ ]
2. NAME OF OPERATOR Cibola Energy Corporation
3. ADDRESS OF OPERATOR P. O. Box 1668, Albuq., NM 87103
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330 FSL & 940 FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. L. NM 18611
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Aciete Negra
8. FARM OR LEASE NAME Aciete Negra
9. WELL NO. 4
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12-9S-27E
12. COUNTY OR PARISH Chaves 13. STATE NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 3880.2

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF [ ] [ ]
FRACTURE TREAT [ ] [ ]
SHOOT OR ACIDIZE [ ] [ ]
REPAIR WELL [ ] [ ]
PULL OR ALTER CASING [ ] [ ]
MULTIPLE COMPLETE [ ] [ ]
CHANGE ZONES [ ] [ ]
ABANDON\* [ ] [ ]
(other) casing [ ] [ ]

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

3/25/85 TD at 6996'.
3/30/85 Ran 6995' of 5 1/2", 15.5# casing, texas pattern guide shoe, float collar and insert float and DV Tool set at 6000'. Cemented in two stages. Stage 1: 250 sx self stress cement. Bump plug with 750#. Estimated top of cement 6000'. Stage 2: 450 sx Dowell lite wt 5. Bump plug with 750#. Held pressure 30 minutes. Estimated top of cement 4500'. WOC 18 hrs.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Karen Azar TITLE Drilling Secretary DATE 4/1/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_
CONDITIONS OF APPROVAL IF ANY:

ACCEPTED FOR RECORD
PETER W. CHESTER
APR 9 1985
BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA

\*See Instructions on Reverse Side

WELL DATA SHEET

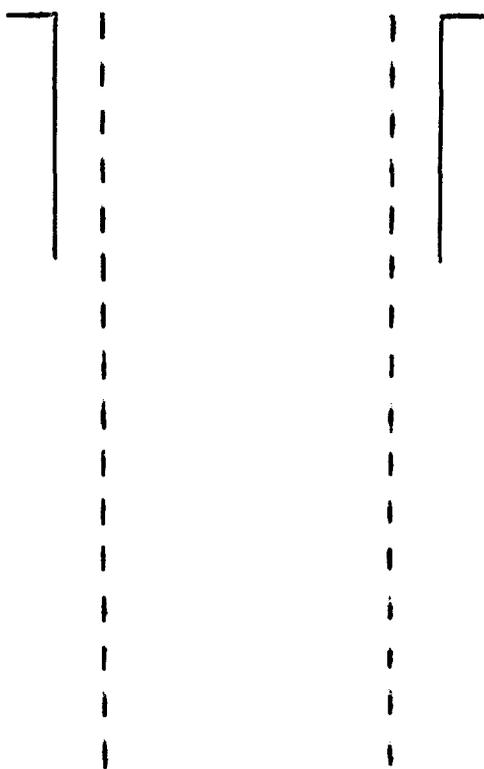
Operator: PetroYates, Inc. P.O.Box 0 Albuquerque, NM 87103  
(formerly known as Yates Exploration Co.)

Well Name: Louise Yates #1  
Unit Letter "N" 330'FSL & 1980'FWL  
Section: 7 Township: 9S Range: 28E County: Chaves

Well Status: Has been drilled to 2400; waiting on authorization to  
deepen to 2840 .

CASING & TUBING DATA

Surface Wellbore:  
12-1/4 in



Surface Casing:  
8-5/8 in  
24 lb/ft  
407 ft  
Cement: 316 sx

Long String Wellbore:  
7-7/8 in

Long String:  
4-1/2 in  
10.5 lb/ft  
none at present  
Cement:

Tubing:  
None at  
present

TD: has been drilled to 2400;  
waiting on permission to deepen

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

Up

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT I P.O. Box 1980, Hobbs, NM 88240
DISTRICT II P.O. Drawer DD, Artesia, NM 88210
DISTRICT III 1000 Rio Bracco Rd., Aztec, NM 87410

RECEIVED JUN - 5 1992 O.C.D. OFFICE

WELL API NO. 30-005-62894

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. VA-0570

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE 'APPLICATION FOR PERMIT' (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name LOUISE YATES

1. Type of Well: OIL WELL [X] GAS WELL [ ] OTHER [ ]
2. Name of Operator PETROYATES, INC. (YATES EXPLORATION CO.)

8. Well No. 1

3. Address of Operator PO BOX 2607, ROSWELL, NM 88202-2607

9. Pool name or Wildcat WOLF

4. Well Location Unit Letter N : 330 Feet From The SOUTH Line and 1,980 Feet From The WEST Line
Section 7 Township 9 S Range 28 E NMPM CHAVES County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3889.6 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ] TEMPORARILY ABANDON [ ] CHANGE PLANS [ ] PULL OR ALTER CASING [ ] OTHER [ ]
SUBSEQUENT REPORT OF: REMEDIAL WORK [ ] ALTERING CASING [ ] COMMENCE DRILLING OPNS. [X] PLUG AND ABANDONMENT [ ] CASING TEST AND CEMENT JOB [X] OTHER [ ]

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.
- Spudded Well 5/2/92
- Drilled 12 1/2" hole to 411 ft. Ran 407 ft of 8 5/8", #24 casing w/3 centralizers and 8 5/8" Halliburton insert float. Cemented with 310 sks premium & 6 sks Cal Chl. Rtn approx. 100 sks to pit. Tested to 650 psi. Good. (5/6/92) (Intention to cement reported to OCD answering service 5/6/92).
- WOC - 24 hrs. Drill out under casing with 7 7/8" bit w/air. Cuttings dry.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE JEANETTA ATKINSON TITLE SECRETARY DATE 6-4-92
TYPE OR PRINT NAME JEANETTA ATKINSON SECRETARY TELEPHONE NO. 625-2448

(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR, DISTRICT II APPROVED BY DATE JUN 7 8 1992

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-101  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
 Santa Fe, New Mexico 87501

DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
 1000 Rio Brazos Rd., Alamo, NM 87410

API NO. (assigned by OCD on New Wells)  
30-115-162894

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No. VA-0570

APR - 6 1992

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Lease Name or Unit Agreement Name  Louise Yates
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		
2. Name of Operator Yates Exploration Company, Inc.		8. Well No. 1
3. Address of Operator PO Box 2607, Roswell NM 88202-2607		9. Pool name or Wildcat Wolf Lake
4. Well Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>7</u> Township <u>9-S</u> Range <u>28 ECM</u> NMPM <u>Chaves</u> County		

10. Proposed Depth 2350'	11. Formation San Andres	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 3889.6	14. Kind & Status Plug. Bond State Wide	15. Drilling Contractor Dominguez Drilling
16. Approx. Date Work will start 4/1/92		

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24 lbs	400'	220 sxs	surface
7 7/8"	4 1/2"	15 lbs	2350'	125 sxs	1500'

It is proposed to drill a 12 1/4" hole from surface to 400' and then set 8 5/8" casing. Casing will be cemented back to surface with approximately 220 sxs of cement. Casing will be pressure tested to 650 psig and held for 30 minutes prior to drilling out below surface pipe. A 7 7/8" hole will then be drilled to approximately 2350. Electric logs will then be run and 4 1/2" casing will be set and cemented with approximately 125 sxs of cement. If the logs indicate that the well will not be productive then the well will be plugged and abandoned without setting the 4 1/2" casing.

APPROVAL VALID FOR 180 DAYS  
 PERMIT EXPIRES 10/6/92  
 UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOCKOUT PREVENTION PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Harvey E. Yates, Jr. TITLE Vice President DATE 3-25-92  
 TYPE OR PRINT NAME Harvey E. Yates, Jr. TELEPHONE NO. 625-2448

(This space for State Use)  
 ORIGINAL SIGNED BY MIKE WILLIAMS DATE APR 13 1992  
 APPROVED BY SUPERVISOR, DISTRICT II TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-005-62894
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	VA-0576

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name  Louise Yates
2. Name of Operator Yates Exploration Co., Inc. (PetroYates, Inc.)	8. Well No. 1
3. Address of Operator P. O. Box 2607 Roswell, NM 88202-2607	9. Pool name or Wildcat Wolf Lake
4. Well Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>7</u> Township <u>9S</u> Range <u>28E</u> NMPM <u>Chaves</u> County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL 3889.6

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <u>Notice of reaching original TD</u> <input checked="" type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

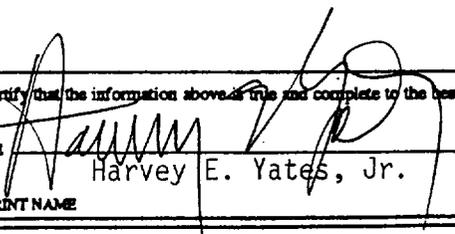
Well has been drilled to 2,400 feet.

This notice is submitted to request permission to drill to the San Angelo horizon of the San Andres formation - estimated depth of 2,840 feet.

Hole will be deepened with mud system, rather than air.  
7 7/8" hole will be drilled.

Please keep this information confidential for the time allowed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE 	TITLE <u>Vice President</u>	DATE <u>June 24, 1992</u>
TYPE OR PRINT NAME <u>Harvey E. Yates, Jr.</u>		TELEPHONE NO. _____

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

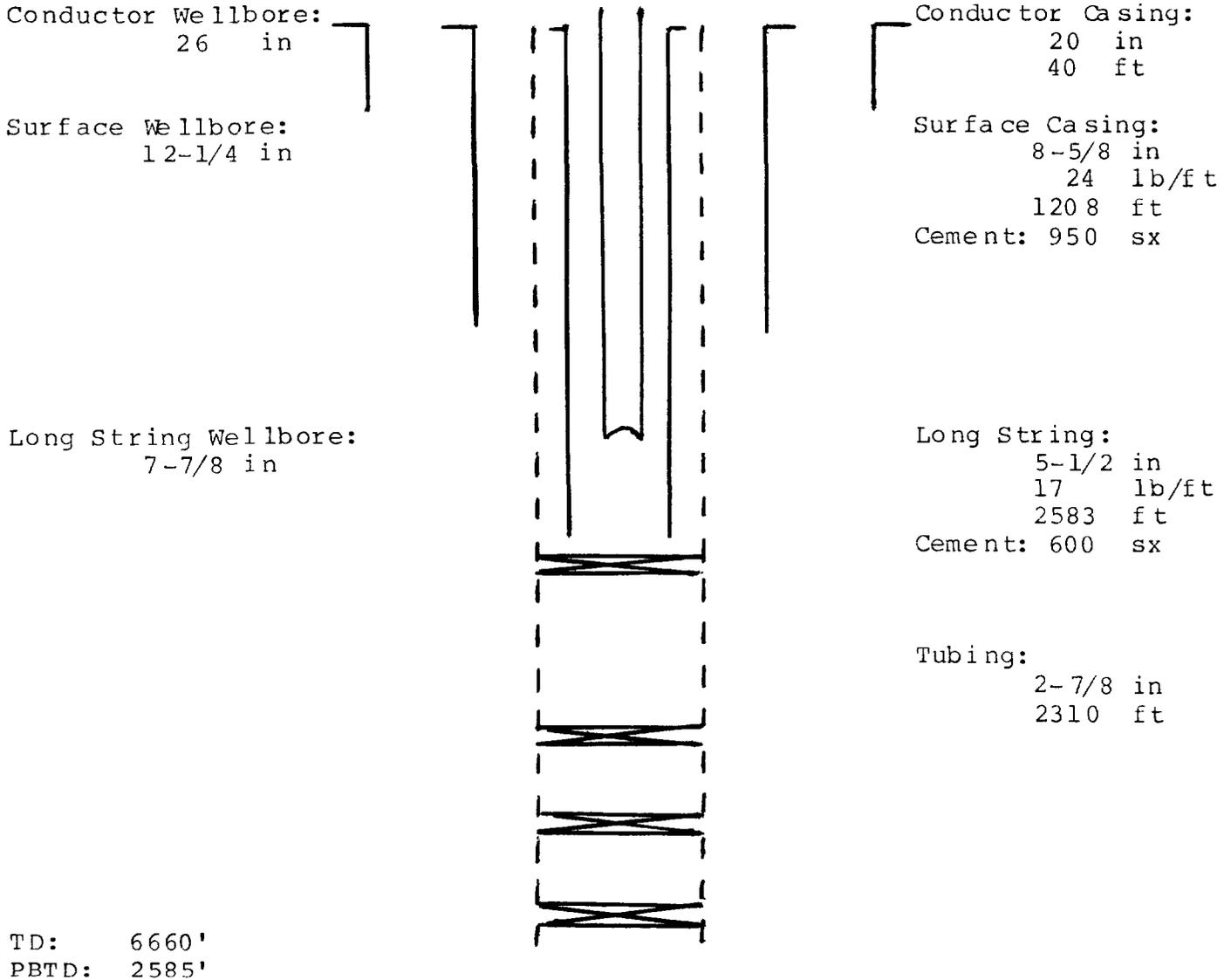
WELL DATA SHEET

Operator: Yates Petroleum Corp. 105 South Fourth; Artesia, NM 88210

Well Name: Wolf AHF State #1  
Unit Letter "A" 660'FNL & 660'FEL  
Section: 13 Township: 9S Range: 27E County: Chaves

Well Status: Producing from 2242-2252 in the San Andres

CASING & TUBING DATA



- Plug #1: 6575'-6475' w/35 sx Class C
- Plug #2: 5760'-5660' w/35 sx Class C
- Plug #3: 5050'-4950' w/35 sx Class C
- Plug #4: 2700'-2585' w/45 sx Class C

See attached C-103 and C-104

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-005-62773
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG 7990

MAR 22 1990

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)			
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Plugback		7. Lease Name or Unit Agreement Name  Wolf AHF State	
2. Name of Operator YATES PETROLEUM CORPORATION		8. Well No. 1	
3. Address of Operator 105 South 4th St., Artesia, NM 88210		9. Pool name or Wildcat Wildcat	
4. Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>north</u> Line and <u>660</u> Feet From The <u>east</u> Line Section <u>13</u> Township <u>9S</u> Range <u>27E</u> NMPM <u>Chaves</u> County			
		10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3874' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: Plugback <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 6660'. Reached TD 3-15-90. Permission obtained from NMOCD, Artesia, NM by Gene Lee, Yates' consultant, to plug back to 2500' as follows:  
Plug #1 6575-6475' w/35 sacks Class C  
Plug #2 5760-5660' w/35 sacks Class C  
Plug #3 5050-4950' w/35 sacks Class C  
Plug #4 2700-2500' w/45 sacks Class C

RECEIVED

APR 4

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Juanita Goodlett TITLE Production Supervisor DATE 3-21-90  
 TYPE OR PRINT NAME Juanita Goodlett TELEPHONE NO. 505/748-1471

(This space for State Use) ORIGINAL SIGNED BY  
 MIKE WILLIAMS  
 SUPERVISOR, DISTRICT II TITLE \_\_\_\_\_ DATE MAR 26 1990

CONDITIONS OF APPROVAL, IF ANY:

6 + 6 + 1 + 1 = 14 SACKS

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

**I.**

Operator <b>YATES PETROLEUM CORPORATION</b>	Well API No. <b>30-005-62773</b>
Address <b>105 South 4th St., Artesia, NM 88210</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of operator give name and address of previous operator \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE** *S. Wolf Lake San Andres*

Lease Name <b>Wolf AHF State</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>Unders San Andres</b>	Kind of Lease <b>State, Vertical drilled</b>	Lease No. <b>LG 7990</b>
Location Unit Letter <b>A</b> : <b>660</b> Feet From The <b>North</b> Line and <b>660</b> Feet From The <b>East</b> Line Section <b>13</b> Township <b>9S</b> Range <b>27E</b> , <b>NMPM</b> , <b>Chaves</b> County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>PO Box 159, Artesia, NM 88210</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When ? <b>A   13   9s   27e   No</b>

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v <input type="checkbox"/>	Diff Res'v <input type="checkbox"/>
Date Spudded <b>2-28-90</b>	Date Compl. Ready to Prod. <b>6-12-90</b>		Total Depth <b>6660'</b>		P.B.T.D. <b>2585'</b>			
Elevations (DF, RKB, RT, GR, etc.) <b>3874' GR</b>	Name of Producing Formation <b>San Andres</b>		Top Oil/Gas Pay <b>2242'</b>		Tubing Depth <b>2310'</b>			
Perforations <b>2242-2252'</b>					Depth Casing Shoe <b>2583'</b>			

**TUBING, CASING AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
26"	20"	40'	
12 1/2"	8-5/8"	1208'	950 sx
7-7/8"	5 1/2"	2583'	600 sx
	2-7/8"	2310'	

**V. TEST DATA AND REQUEST FOR ALLOWABLE**

**OIL WELL** (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank <b>5-4-90</b>	Date of Test <b>5-20-90</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Pumping</b>	
Length of Test <b>24 hrs</b>	Tubing Pressure <b>-</b>	Casing Pressure <b>-</b>	Choke Size <b>-</b>
Actual Prod. During Test <b>24 hrs</b>	Oil - Bbls. <b>6</b>	Water - Bbls. <b>12</b>	Gas- MCF <b>TSTM</b>

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

**VI. OPERATOR CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*Juanita Goodlett*  
Signature  
**Juanita Goodlett - Production Supvr.**  
Printed Name  
**6-15-90** (505) 748-1471  
Date Telephone No.

**OIL CONSERVATION DIVISION**

Date Approved **JUN 29 1990**

By **ORIGINAL SIGNED BY**  
**MIKE WILLIAMS**  
Title **SUPERVISOR, DISTRICT II**

**INSTRUCTIONS:** This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

*To partners 8-1-90cs*

WELL DATA SHEET

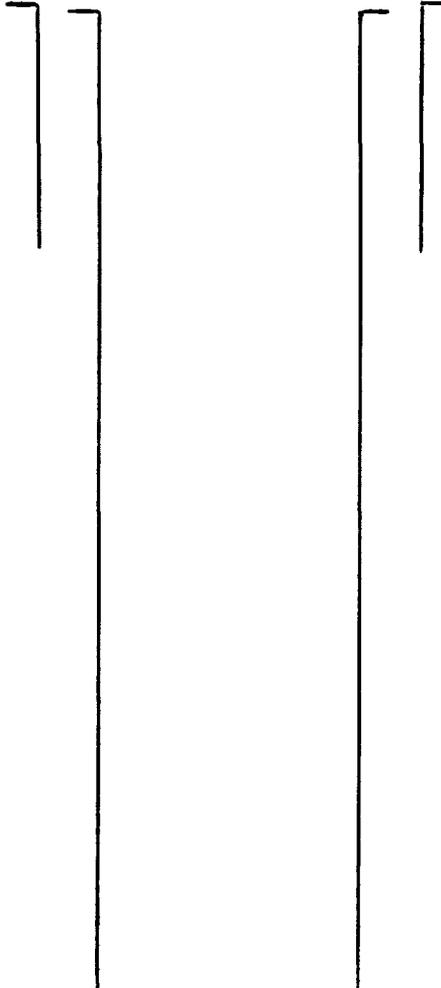
Operator: Cibola Energy Corp. P.O.Box 1668 Albuquerque, NM 87103

Well Name: Duncan Federal #5  
Unit Letter "C" 660'F L & 1650'FWL  
Section: 18 Township: 9S Range: 28E County: Chaves

Well Status: Application to drill has been approved by the BLM; well has not yet been commenced. Schematics based on application.

CASING & TUBING DATA

Surface Wellbore:  
12-1/4 in



Surface Casing:  
8-5/8 in  
23 lb/ft  
400 ft  
Cement: Circulate

Long String Wellbore:  
7-7/8 in

Long String:  
4-1/2 in  
10.5 lb/ft  
2350 ft  
Cement: 200 sx

Tubing:  
2-3/8 in  
ft

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 CIBOLA ENERGY CORPORATION

3. ADDRESS OF OPERATOR  
 P. O. Box 1668      Albuquerque, NM 87103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface      660'FNL & 1650'FWL      NE/4 NW/4      Unit C  
 At proposed prod. zone      same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 24 miles NE of Roswell, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      330 ft.

16. NO. OF ACRES IN LEASE      1074.24

17. NO. OF ACRES ASSIGNED TO THIS WELL      40.00

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      1190 ft.

19. PROPOSED DEPTH      2350 feet

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3883.7 GL

22. APPROX. DATE WORK WILL START\*  
 June 1, 1992

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-12557

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Duncan Federal

9. WELL NO.  
 #5

10. FIELD AND POOL, OR WILDCAT  
 W/C San Andres

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 18      T-9S, R-28E

12. COUNTY OR PARISH      13. STATE  
 Chaves      NM

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	23#	400 ft	Circulate
7 7/8	4 1/2	10.5#	2350 ft.	200 sx

We propose to drill this well to 2350 feet to test the P1 and P2 zones of the San Andres formation. If the well is productive we will complete it by running and cementing 4-1/2" 10.5# casing. If it is not productive, we will plug it following required plugging procedures.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Harvey E. Yates, Jr.  
 SIGNED \_\_\_\_\_ TITLE President DATE \_\_\_\_\_

RECEIVED  
 BUREAU OF LAND MANAGEMENT  
 ROSWELL AREA OFFICE  
 MAY 8 2 55 PM '92

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY David Stout TITLE Asst Area Manager DATE 7/17/92  
 CONDITIONS OF APPROVAL, IF ANY:

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PERMISSION IN ADVANCE. APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON. See Instructions on Reverse Side.

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.

WELL DATA SHEET

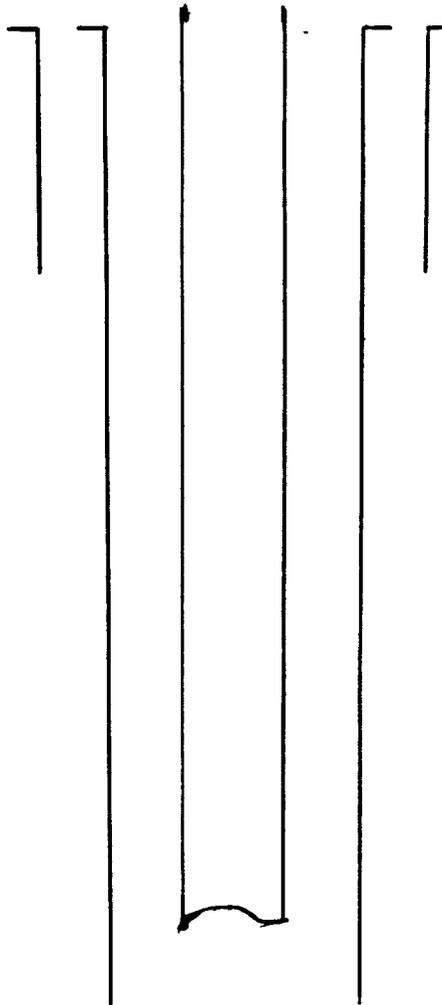
Operator: PetroYates, Inc. P.O.Box 0 Albuquerque, NM 87103  
(formerly known as Yates Exploration Co.)

Well Name: Emmons State #1  
Unit Letter "D" 990'FNL & 330'FWL  
Section: 18 Township: 9S Range: 28E County: Chaves

Well Status: Producing from 2221-2257 in the San Andres

CASING & TUBING DATA

Surface Wellbore:  
12-1/4 in



Surface Casing:  
8-5/8 in  
23 lb/ft  
382 ft  
Cement: 220 sx

Long String Wellbore:  
7-7/8 in

Long String:  
4-1/2 in  
10.5 lb/ft  
2344 ft  
Cement: 135 sx

TD: 2354 ft

Tubing:  
2-3/8 in  
2150 ft

APR 16 1990

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

O. C. D.  
ARTESIA OFFICE

**REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

**I.**

Operator Yates Exploration Co., Inc. ✓	Well API No. 30-005-62771
Address P O Box 0 Albuquerque, NM 87103	
Reason(s) for Filing (Check proper box) New Well <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Change in Operator <input type="checkbox"/>	<input type="checkbox"/> Other (Please explain) Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of operator give name and address of previous operator \_\_\_\_\_

**CASINGHEAD GAS MUST NOT BE FLARED AFTER 6/20/90 UNLESS AN EXCEPTION TO RULE 306 IS OBTAINED**

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name EMMONS STATE	Well No. 1	Pool Name, Including Formation Wolfridge San Andres	Kind of Lease State, <del>Federal</del>	Lease No. LE-7996
Location Unit Letter <u>D</u> : <u>990</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>West</u> Line Section <u>18</u> Township <u>9S</u> Range <u>28E</u> , NMPM, Chaves County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Enron Oil Trading & Transportation Co.	Address (Give address to which approved copy of this form is to be sent) P O Box 1188 Houston, TX 77251-1188
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When ? D   18   9S   28E   NO

If this production is commingled with that from any other lease or pool, give commingling order number: NONE

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded Feb 28, 1990	Date Compl. Ready to Prod. April 7, 1990	Total Depth 2354	P.B.T.D. N/A					
Elevations (DF, RKB, RT, GR, etc.) 3880 GL	Name of Producing Formation Slaughter of San Andres	Top Oil/Gas Pay 2221 Ft	Tubing Depth 2150					
Perforations 1 sh 2221; 1 sh 2226; 16 sh 2232-2247; 4 sh 2251-2254; 1 sh 2257			Depth Casing Shoe 2344					
<b>TUBING, CASING AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/2"	8-5/8"		382'		220 sks			
7-7/8"	4-1/2"		2344'		135 sks			
4"	2-3/8"		2150'		N/A			

**V. TEST DATA AND REQUEST FOR ALLOWABLE**

**OIL WELL** (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank April 7, 1990	Date of Test April 8, 1990	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 9 hr	Tubing Pressure 457 psi shutin	Casing Pressure 0	Choke Size 1.86"
Actual Prod. During Test 45 Bbls	Oil - Bbls. 45 Bbl in 9 hrs or 120 in 24 hours	Water - Bbls. 0	Gas- MCF 20 MCF approx/day

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

**VI. OPERATOR CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Harvey E. Yates, Jr. President  
Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Date: April 12, 1990 Telephone No.: 242-2050

**OIL CONSERVATION DIVISION**

Date Approved APR 17 1990  
By ORIGINAL SIGNED BY MIKE WILLIAMS  
Title SUPERVISOR, DISTRICT II

**INSTRUCTIONS:** This form is to be filed in compliance with Rule 1104

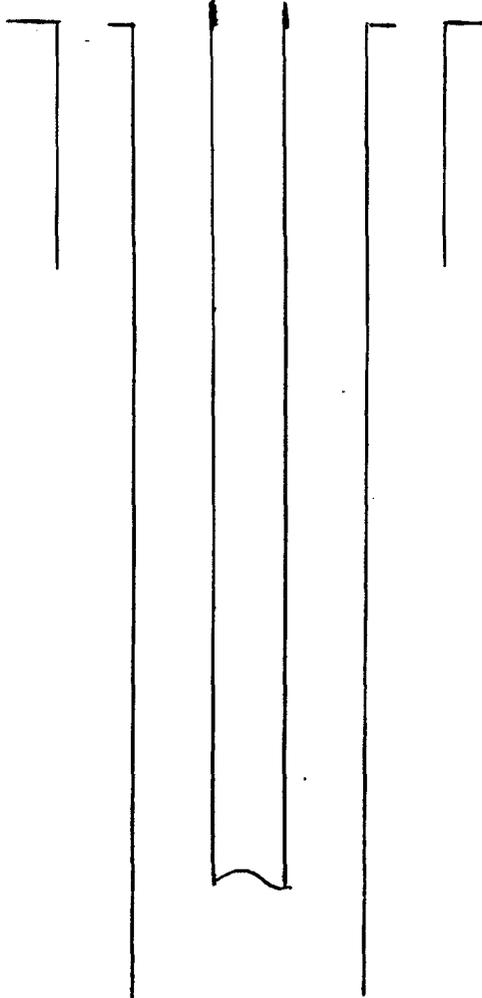
- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

WELL DATA SHEET

Operator: Cibola Energy Corp. P.O.Box 1668 Albuquerque, NM 87103  
Well Name: Duncan Federal #2  
Unit Letter "M" 330'FSL & 990'FWL  
Section: 7 Township: 9S Range: 28E County: Chaves  
Well Status: Producing from 2235-2252, 2262-2265 in the San Andres

CASING & TUBING DATA

Surface Wellbore:  
12-1/2 in



Surface Casing:  
7-5/8 in  
15 lb/ft  
419 ft  
Cement: 150 sx

Long String Wellbore:  
6-1/2 in

Long String:  
4-1/2 in  
11.5 lb/ft  
2317 ft  
Cement: 90 sx

Tubing:  
2-3/8 in  
2240 ft

TD: 2317 ft

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 12557  
~~Duncan Federal~~

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NM ~~12557~~ - FEDERAL  
DUNCAN

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 7 T9S 28E

12. COUNTY OR PARISH  
CHAVES

13. STATE  
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

2. NAME OF OPERATOR  
CIBOLA ENERGY CORPORATION

3. ADDRESS OF OPERATOR  
P. O. Box 1668 Albuquerque, NM 87103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 330FSL and 990FSL  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 5/10/88 16. DATE T.D. REACHED 6/8/88 17. DATE COMPL. (Ready to prod.) 8/15/88 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* KB 3889.6 19. ELEV. CASINGHEAD 3884.6

20. TOTAL DEPTH, MD & TVD 2317' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 2262-2265'; 2235-2252' 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CNL; CDL; DUAL LATERAL LOG

27. WAS WELL CORED  
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8	15 lb.	419	12 1/2	150 sx circulated to surface	N/A
4 1/2	11.5 lb	2317	6 1/2	90 sx	N/A

29. LINER RECORD NONE

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	2240	NONE

31. PERFORATION RECORD (Interval, size and number)  
Perfs are ultra Jet 3 3/8" guns. Perfs are at: 2241-2249; 2252-2256; 2262-2265

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2262-2265	1000 HCL ACID
2235-2252	2000 HCL ACID

33.\* PRODUCTION

DATE FIRST PRODUCTION 8/15/88 (on pump) PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMP WELL STATUS (Producing or producing in test tank) producing in test tank

DATE OF TEST 8/15/88 HOURS TESTED 24 CHOKE SIZE 2" PROD'N. FOR TEST PERIOD 35 OIL—BBL. 35 GAS—MCF. 0 WATER—BBL. 8 GAS-OIL RATIO

FLOW. TUBING PRESS. 0 CASING PRESSURE unknown CALCULATED 24-HOUR RATE 35 OIL—BBL. 35 GAS—MCF. 0 WATER—BBL. 8 OIL GRAVITY-API (CORR.) 23 degrees

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented but almost no gas

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as obtained from all available records

SIGNED *Betty McBride*

TITLE *Peter W. Chester*  
Drilling Secretary  
BUREAU OF LAND MANAGEMENT  
ROSWELL RESOURCE AREA

TEST WITNESSED BY  
Jim Kuykendall  
DATE 8/31/88

\*(See Instructions and Spaces for Additional Data on Reverse Side)

State of New Mexico  
**ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT**  
Santa Fe, New Mexico 87505



**BRUCE KING**  
GOVERNOR

July 26, 1992

**ANITA LOCKWOOD**  
CABINET SECRETARY

Cibola Energy Corporation  
P.O. Box 1688  
Albuquerque, New Mexico 87103

Attn: Tom Kimball  
Landman

Re: Duncan Federal No.4Y - Area of Review Wells

Dear Mr. Kimball,

I'm sorry I have not been able to reach you by phone so as to expedite the processing of your company's application. It is busy every time I dial.

I must notify you of a couple concerns the Division has with area of review wells for the subject well.

First, the Aceite Negra No.4 has an estimated top of cement at approximately 4500 feet. We, as a rule of thumb, require 500 feet of cement isolation from the uppermost injection. In this case, that would be approximately 1708 feet.

This well will need to be cement squeezed prior to commencing injection operations into the subject well.

Also, the Louise Yates No.1, which I understand you are awaiting authorization to deepen, will need to be completed with cement behind the production string of casing to the same 1708 feet prior to commencing injection operations.

I can go ahead and write the order with these conditions as soon I have your response. Thank you for your attention.

Sincerely,

A handwritten signature in black ink, appearing to read "Ben Stone".

Ben Stone  
Engineering Tech II

**BS**  
VILLAGRA BUILDING - 408 Gallisteo  
Forestry and Resources Conservation Division  
P.O. Box 1948 87504-1948  
827-5830  
Park and Recreation Division  
P.O. Box 1147 87504-1147  
827-7465

2040 South Pacheco  
Office of the Secretary  
827-5950  
Administrative Services  
827-5925  
Energy Conservation & Management  
827-5900  
Mining and Minerals  
827-5970

LAND OFFICE BUILDING - 310 Old Santa Fe Trail  
Oil Conservation Division  
P.O. Box 2088 87504-2088  
827-5800

OIL CONSERVATION DIVISION  
RECEIVED

Post Office Box 1668 / Albuquerque, New Mexico 87103 / (505) 843-6762

92 AUG 3 AM 8 12

Reference \_\_\_\_\_

CERTIFIED RETURN RECEIPT REQUESTED: P 805 788 951

August 3, 1992

Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Benjamin E. Stone  
Engineering Tech II

Reference: SWD Application - Duncan Federal #4Y

Dear Mr. Stone:

Thank you for your letter of July 26, 1992.

Confirming our phone conversation of this morning, please go ahead and write the order subject to the conditions you have stated in your letter.

Yours truly,



Tom Kimball  
Landman

Files: Aceite Negra #4  
Louise Yates #1