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, Bénjamin E. Stone Engineering Tech II

/BS

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

HE CONSERVE IN DIVISION REPORT 192 20 24 AM 9 11

Reference

RELEASE 29.

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,

Oal

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: <u>12</u> Township: <u>95</u> Range: <u>27E</u> County: Chaves
Well Status:	Shut in; we will circulate AFE related to plugging this well
CASING & TUP	BING DATA
Surface Wellb 12-1/	
Long String W 7-7/8	
	Tub ing: 2-7/8 in 6311 ft

TD:	6996	3-25-85
PBTD:	6 90 0	3-25-85
	6519	1-04-91

-

		JREAU OF LAN			FRUIDAD			M 18611		
		NOTICES AN				a na an	6. IF	INDIAN, ALLOTT	EE OR TI	IBE NAVE
	ot use this form for Use "AF	PROPOSALS to drill o PLICATION FOR F	or to deepen of PERMIT fo	or plug back		ervolr.				
I. OIL WELL		H E B						IT AGREEMENT )	•	
2. NAME OF 0	pression pola Energy	, Corporat	ion				- E	ceite ne		e gya <del>nin</del> e ya ya
	OPERATOR	Gorporad		J.	N9 1901	1 1		LL NO.	-gra	
P.C	).Box 2684,	Roswell,	N.M.	88202				4	•	
4. LOCATION O See also sp At surface	or WELL (Report loca bace 17 below.)	tion clearly and in	accordance w	with high State	requirements.•	$\sim$	10. 71	ELD AND POOL,	OR WILD	CAT
The second second	· ·	U *	• .		VEW MEXIC	A. S. A.	11. 51	C., T., B., M., OR		D
330	)' FEL and	940' FSL			VV IP and		Sec	12 T9S		1
14. PERMIT NO		i 15 Proven	tote (Show w)	hether DF, RT, G				UNTY OF PARIS		
17. 2 BURIT NO			3880.2		in Charl		1	aves		IM .
⇒ <b>16</b> .	Cher	k Appropriate E		· · · · · · · · · · · ·	a of Notice R	Papart or	Other D	ata		. ·
	and the second	INTENTION TO :				영양 이 것 같아.	QUENT REE	· · · · · · · · · · · · · · · · · · ·		
TEST WAT	ER SHUT-OFF	PULL OR ALTER	RCISING		WATER SHUT-OF	<b>TP</b>		REPAIRING	WELL	
FRACTURE	TREAT	MULTIPLE COM	(P).ETE		FRACTUBE TREA			ALTERING (		
SHOOT OB		ABANDON*			SHOOTING OR A			ABANDONMI	INT*	
REPAIR WE (Other)	arr	CHANGE PLANS	\$		(Other) Re-C	Report resul	]OD ts of mult	iple completion	on Wel	
17. DESCRIBE PI	OPOSED OR CUMPLETE	D OPERATIONS (Cles	triv state all i		Completio	on or Recon	includin	port and Log fo	+0. 08 0+0	rting an
1)	Drilled o Squeezed Premium P	out cement off perfo	to 6,5 rations t conta	523 ft. s 6,498 aining	to 6,512 10 1b. pe	5 with er sac	200 k Mic	sacks of robond a	E	ones perti
1)	Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8	out cement	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use	523 ft. 523 ft. s 6,498 aining 3/10 of 2,300 90. ,519 ft 1 will 5,512; 12 ft. in reco	to 6,519 10 lb. pe 1% HAL 3 psi and 1 . in orde be perfor 6,516; KB:	5 with er sac 322 (H revers er to rated and 6	200 k Mic allib ed ou re-pe at 6, ,520. for	sacks of robond a urton). t approx rforate 490; 6	E and kimat ,494; <b>:D</b>	cely
1) 2) 3)	Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8	out cement off perfor lus cemen sack sal in 170 sa to pit. out cemen sand jet 5,501; 6, 6,519 ft.	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use	523 ft. 523 ft. s 6,498 aining 3/10 of 2,300 90. ,519 ft 1 will 5,512; 12 ft. in reco	to 6,519 10 lb. pe 1% HAL 3 psi and 1 . in orde be perfor 6,516; KB:	5 with er sac 322 (H revers er to rated and 6	200 k Mic allib ed ou re-pe at 6, ,520. for	sacks of robond a urton). t approx rforate 490; 6	E and kimat ,494; <b>:D</b>	cely
1) 2) 3) 4) 5)	Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8	out cement off perfor lus cemen sack sal in 170 sa to pit. out cemen sand jet 5,501; 6, 6,519 ft. 3' X 14' fo on. Pit w	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use ill be	523 ft. 523 ft. s 6,498 aining 3/10 of 2,300 90. ,519 ft 1 will 5,512; 12 ft. in reco	to 6,519 10 lb. pe 1% HAL 3 psi and 1 . in orde be perfor 6,516; KB:	5 with er sac 322 (H revers er to rated and 6	200 k Mic allib ed ou re-pe at 6, ,520. for	sacks of robond a urton). t approx rforate 490; 6; <b>EGFIVE</b> AN 1 6 199	E and kimat ,494; <b>:D</b>	cely
1) 2) 3) 4) 5)	Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8 protectio	out cement off perfor lus cemen sack sal in 170 sa to pit. out cemen sand jet 5,501; 6, 6,519 ft. 3' X 14' fo on. Pit w	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use ill be	523 ft. 523 ft. 523 ft. 523 ft. 510 of 2,300 90. 519 ft. 1 will 5,512; 12 ft. in rece fenced	to 6,519 10 lb. pe 1% HAL 3 psi and 1 . in orde be perfor 6,516; KB:	5 with er sac 322 (H revers er to rated and 6 h and eened.	200 k Mic allib ed ou re-pe at 6, ,520. for J	sacks of robond a urton). t approx rforate 490; 6; <b>EGFIVE</b> AN 1 6 199	E and ximat ,494; <b>:D</b>	ely
1) 2) 3) 4) 5) 18. I bereby cer SIGNED A	Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8 protectio	out cement off perfo lus cemen sack sal in 170 sa to pit. out cemen sand jet 5,501; 6, 6,519 ft. 3' X 14' fo on. Pit with the sand corr	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use ill be	523 ft. 523 ft. 523 ft. 523 ft. 510 of 2,300 90. 519 ft. 1 will 5,512; 12 ft. in rece fenced	to 6,515 10 lb. pe 1% HAL 3 psi and 1 . in orde be perfor 6,516; KB. ompletion and scre	5 with er sac 322 (H revers er to rated and 6 h and eened.	200 k Mic allib ed ou re-pe at 6, ,520. for J	sacks of robond a urton). t approx rforate 490; 6 SGEIXE AN 1 6 199 ENERGY	E and ximat ,494; <b>D</b>	ely
1) 2) 3) 3) 18. I bereby cer SIGNED A (This space	Work If well is a Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8 protectio	out cement off perfor lus cemen sack sal in 170 sa to pit. out cemen sand jet 5,501; 6, 6,519 ft. 6,519 ft. 7 X 14' fo on. Pit w	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use ill be	523 ft. 523 ft. 524 ft. 525 ft. 525 ft. 526 ft. 527	to 6,515 10 lb. pe 1% HAL 3 psi and 1 . in orde be perfor 6,516; KB. ompletion and scre	5 with er sac 322 (H revers er to rated and 6 h and eened.	200 k Mic allib ed ou re-pe at 6, ,520. for J	sacks of robond a urton). t approx rforate 490; 6 SGEIVE AN 1 6 199 ENERGY	E and ximat ,494; <b>D</b>	ely
1) 2) 3) 3) 18. I bereby cer SIGNED A (This space	Work If well is a Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8 protectio	out cement off perfor lus cemen sack sal in 170 sa to pit. out cemen sand jet 5,501; 6, 6,519 ft. 6,519 ft. 7 X 14' fo on. Pit w	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use ill be	523 ft. 523 ft. 524 ft. 525 ft. 525 ft. 526 ft. 527	to 6,515 10 lb. pe 1% HAL 3 psi and 1 . in orde be perfor 6,516; KB. ompletion and scre	5 with er sac 322 (H revers er to rated and 6 h and eened.	200 k Mic allib ed ou re-pe at 6, ,520. for J	sacks of robond a urton). t approx rforate 490; 6 SGEIXE AN 1 6 199 ENERGY	E and ximat ,494; <b>D</b>	ely
1) 2) 3) 3) 18. I bereby cer SIGNED A (This space	Work If well is a Drilled o Squeezed Premium P 5 1b. per Squeezed 30 sacks Drilling well with 6,498; 6 New PBTD Dug pit 8 protectio	out cement off perfo lus cemen sack sal in 170 sa to pit. out cemen sand jet 5,501; 6, 6,519 ft. b,519 ft. Y 14' fo on. Pit w Pit w CF ANT:	to 6,5 rations t conta t and 3 cks at 12/26/9 t to 6, . Well 508; 6 with 1 or use ill be	523 ft. 523 ft. 524 ft. 525 ft. 525 ft. 526 ft. 527	to 6,515 10 lb. pe 1% HAL 5 psi and r . in orde be perfor 6,516; KB: ction Cle	5 with er sac 322 (H revers er to rated and 6 h and eened.	200 k Mic allib ed ou re-pe at 6, ,520. for <b>R</b>	sacks of robond a urton). t approx rforate 490; 6 SGEIXE AN 1 6 199 ENERGY	E and ximat , 494; D 1 D 1 D 1 D 1 D 1 D 1 D 1 D 1 D 1 D	ely DRD TER

:

Form 5-330 (Rev. 5-68)-	U	NI .D 9	STATES	SUB	MIT IN	DUPLICA		orm approved. udget Bureau'No. 42-R855.5.
-	DEPARTME	ENT OF	•		R	(See otu structions reverse sid	on 5. LEASE DEE	SIGNATION AND STRIAL NO.
	······································	<del>,</del>		· · · · · · · · · · · · · · · · · · ·			6. IF INDIAN,	SOII
	MPLETION OR		PLETION I	REPORT		D LOG*		
1a. TYPE OF WEL		WELL	DRT	Other			7. UNIT ACRE	EMENT NAME
L TYPE OF COM	PLETION: WORK	PLDG	DIFF.					<u>te Negra</u>
WELL A	OVER L EN L	BACK	EESVR.	Other			S. FARM OR	
	o∎ ola Energy C	ornorat	tion				ACTE 9. WELL NO.	te Negra
S. ADDRESS OF OPEN		υιρφιαί					4	ų
~ P. (	0. Box 1668,	Albuqu	Jerque, !	New Me	xico			D POOL, OR WILDCAT
	LL (Report location clea		cordance with an	y State requ	uirement	8)*	Wild	
At surface	330 FSL & 94	0-FEL					11. SEC., T., I OR ABEA	L., M., OR BLOCK AND SURVEY
At top prod. into	erval reported below	•					Sec.	12-9S-27E
At total depth	same		· .					
·			14. PERMIT NO.	. –	DATE I	ISSUED	12. COUNTY O PARISH	DE 13. STATE
5. DATE SPUDDED	16. DATE T.D. BEACHER	D   17 DATE (	COMPL. (Ready t	o prod.) !	10		B. ET. GR. ETC.)*	ES NM 19. ELEV. CASINGHEAD
3-7-85	3-25-85	1.	-27-85				.,,	
20. TOTAL DEPTH, MD		( T.D., MD & TV	D   22. IF MUL	TIPLE COMP		880.2 G 23. INTERVAL	8 ROTARY TOOL	LE CABLE TOOLS
6996	690		HOM N			DRILLED I	° 0-6996	
4. PRODUCING INTER	WAL(S), OF THIS COMPL	TION-TOP, B	BOTTOM, NAME (1	MD AND TVD	)•			25. WAS DIRECTIONAL SURVEY MADE
	6491-6501						<u> </u>	Yes
	tron, Long S	nacod S	Sonic C		<b>D a a d</b>	1		27. WAS WELL CORED
8.	cron, Long 3		G RECORD (Rep			<u></u>		No
CABING BIZE	WEIGHT, LB./FT.	DEPTH SET		LE SIZE			NG RECORD	AMOUNT PULLED
8 5/8"	24#	1643	1	12 4	601	0 sx 11	to wt 2 w	/2% CaC]
			. 1	· <b>-</b> · 4	1001		le wi j w	
					200		ass $C w/2$	
51 <sub>2</sub> "	15.5#	6995		7 7/8"	200	O sx Cla O Sx se	ass C w/2 lf stress	% CaCl
		· · · · ·			200	0 sx Cl 0 Sx se 1 sx Doi	ass C w/2 lf stress well lite	% CaCl
39.	LINE	RECORD		7 7/8"	200	0 sx Cla 0 Sx se 0 sx Dou 30.	ass C w/2 lf stress well lite TUBING RECO	% CaCl wt 5
	LINE	RECORD			200	0 SX Cla 0 SX SE 1 SX DOI 30. 812E	ass C w/2 lf stress well lite TUBING RECO DEPTH BET (M)	% CaCl wt 5
29. #IEB	LINEE TOP (MD) BOTTY	RECORD		7 7/8"	200	0 SX Cla 0 SX SE 1 SX DOI 30. 812E	ass C w/2 lf stress well lite TUBING RECO	% CaCl wt 5
29. 8128	LINE TOP (MD) BOTT	RECORD	ACEB CEMENT <sup>®</sup>	7 7/8" 	20( 25( 45( mD) ACI	0 SX C1 0 SX SE 1 SX DO 30. 512E 2 7/8 D, SHOT, FRA	ass C w/2 If stress well lite TUBING RECO DEPTE BET (MO 6311	% CaCl wt 5
29. #IEB	LINEE TOP (MD) BOTTY	RECORD	ACEB CEMENT <sup>®</sup>	7 7/8" BCREEN ( 	20( 25( 45( md) ACI	0 SX C1 0 SX SE 1 SX DO 30. 812E 2 7/8 D. SHOT, FRA (MD)	ASS C W/2 If stress Nell lite TUBING RECO DEPTH BET (MU 63]] ACTURE, CEMENT AMOUNT AND EIM	% CaCl wt 5 DBD D) PACKER BET (MD) F SQUEEZE, ETC. D OF MATERIAL USED
9. BIEB 1. PBRFORATION REC	LINEF TOP (MD) BOTTO i i comp (Interval, size and	RECORD DM (MD) S number)	ACEB CEMENT <sup>®</sup>	7 7/8" BCREEN ( 	20( 25( 45( mD) ACI	0 SX C1 0 SX SE 1 SX DO 30. 812E 2 7/8 D. SHOT, FRA (MD)	ASS C W/2 If stress Nell lite TUBING RECO DEPTH BET (MU 63]] ACTURE, CEMENT AMOUNT AND EIM	% CaCl wt 5 DED D) PACKER SET (MD)
9. BIEB 1. PBRFORATION REC	LINEE TOP (MD) BOTTY	RECORD DM (MD) S number)	ACEB CEMENT <sup>®</sup>	7 7/8" BCREEN ( 	20( 25( 45( md) ACI	0 SX C1 0 SX SE 1 SX DO 30. 812E 2 7/8 D. SHOT, FRA (MD)	ASS C W/2 If stress Nell lite TUBING RECO DEPTH BET (MU 63]] ACTURE, CEMENT AMOUNT AND EIM	% CaCl wt 5 DED D) PACKER BET (MD) : : : : : : : : : : : : :
1. PBRFORATION REC	LINEF TOP (MD) BOTTO i i comp (Interval, size and	RECORD DM (MD) S number)	ACEB CEMENT <sup>®</sup>	7 7/8" BCREEN ( 	20( 25( 45( md) ACI	0 SX C1 0 SX SE 1 SX DO 30. 812E 2 7/8 D. SHOT, FRA (MD)	ASS C W/2 If stress Nell lite TUBING RECO DEPTH BET (MU 63]] ACTURE, CEMENT AMOUNT AND EIM	% CaCl wt 5 DED D) PACKER BET (MD) : : : : : : : : : : : : :
29. #IISE 81. FBEFORATION REC 6491- 33.*	LINEE TOP (MD) BOTTY i NORD (Interval, size and 6501 1 shot	RECORD (MD) 8 number) per fo	ACEB CEMENT.	7 7/8" BCREEN ( 82. DEPTH I 649 DUCTION	20( 25( 45( md) ACI NTERVAL 1-65(	0 SX C1 0 SX SE 0 SX D01 30. 812E 2 7/8 D, SHOT. FRA (MD) 01 10	ass C w/2 If stress well lite TUBING RECC DEPTE BET (M) 6311 AMOUNT AND EIM 000 gal 1	% CaCl wt 5 DRD D) PACKER BET (WD) T SQUEEZE, ETC. D OF MATERIAL USED 5% MSR acid
9. 8128 11. PERFORATION REC 6491- 13.• ATE FIRST PRODUCTION	LINER TOP (MD) BOTTO i SOND (Interval, else and -6501 1 shot	RECORD OM (MD) 8 NUMBer) per fo METHOD (Flo	ACEB CEMENT.	7 7/8" BCREEN ( 82. DEPTH I 649 DUCTION	20( 25( 45( md) ACI NTERVAL 1-65(	0 SX C1 0 SX SE 0 SX D01 30. 812E 2 7/8 D, SHOT. FRA (MD) 01 10	ASS C W/2 If stress Nell lite TUBING RECC DEPTH BET (M) (63]] ACTURE, CEMENT AMOUNT AND EIM 000 gal 1 WELL shut	%       CaCl         wt       5         DBD       PACKER BET (MD)         D)       PACKER BET (MD)         :
29. 8128 81. PERFORATION REC 6491- 83.* 4-27-85	LINEE TOP (MB) BOTTM i road (Interval, else and 6501 1 shot ION PRODUCTION P UI	RECORD OM (MD) 8 NUMBer) per fo METHOD (Flo	O t PROJ Noing, gas lift, pr PROD'N. FOR	7 7/8" BCREEN ( 82. DEPTH I 649 DUCTION	20( 25( 45( <u>MD</u> ) 	0 SX C1 0 SX SE 0 SX D01 30. 812E 2 7/8 D, SHOT. FRA (MD) 01 10	ASS C W/2 If stress Nell lite TUBING RECC DEPTH BET (M) (63]] ACTURE, CEMENT AMOUNT AND EIM 000 gal 1 WELL shut	%       CaCl         wt       5         DBD       PACKER BET (MD)         D)       PACKER BET (MD)         SQUEEZE, ETC.       D         D OF MATERIAL USED       5%         SX MSR_acid       5%         BTATUB (Producing or Sin)       Producing or Sin)
1. PERFORATION REC 6491- 53.* 4-27-85	LINEE TOP (MB) BOTTM i road (Interval, else and 6501 1 shot ION PRODUCTION P UI	RECORD (MD) 8 number) per fo METHOD ( <i>Plo</i> MD	ACEB CEMENT <sup>®</sup>	7 7 / 8 " BCREEN ( 82. DEPTH I 649 DUCTION umping—eiz	20( 25( 45( wD) 	0 SX C1 0 SX SE 1 SX SE 1 SX DO 30. 812E 2 7/8 D, SHOT, FRA (MD) 01 1( 	ASS C W/2 If stress Well lite TUBING RECC DEPTH BET (M) G311 CTURE, CEMENT AMOUNT AND EIM D00 gal 1 WELL AMU WATER-BEL	%       CaCl         wt       5         DBD       PACKER BET (MD)         D)       PACKER BET (MD)         SQUEEZE, ETC.       DOF MATERIAL USED         5%       MSR_acid         STATUB (Producing or Sin)         Producing
29. 8128 81. PERFORATION REC 6491- 83 6491- 83 6491- 83 6491- 83 83 83 83 83 83 83 83 83 84 85	LINES TOP (MD) BOTTY i SORD (Interval, size and 6501 1 shot ION PRODUCTION PUI HOURS TESTED CO 24 CABING PRESSURE C.	RECORD (MD) 8 number) per fo METHOD ( <i>Plo</i> MD	O t PROJ Noing, gas lift, pr PROD'N. FOR	7 7/8" BCREEN ( 82. DEPTH I 649 DUCTION umping—eiz OIL—BBL 112	20( 25( 45( wD) 	0 SX C1 0 SX SE 1 SX DO1 30. 512E 2 7/8 D. SHOT. FRA (MD) 01 1( 	ASS C W/2 If stress Well lite TUBING RECC DEPTH BET (M) G311 ANOUNT AND EIM D00 gal 1 WELL SAU WATEB-BBL 41 EBBBL	%       CaCl         wt       5         DBD       PACKER BET (MD)         D)       PACKER BET (MD)         SQUEEZE, ETC.       D         D OF MATERIAL USED       5%         SX MSR_acid       5%         BTATUB (Producing or Sin)       Producing or Sin)
1. PERFORATION REC 6491- 3 4-27-85 ATE FIRST PRODUCTI 4-27-85 ATE OF TEST 4-30-85 LOW. TURING FREE. 4. DISPOSITION OF G.	LINES TOP (MD) BOTTY i CORD (Interval, else and 6501 1 shot ION PRODUCTION PUI HOURS TESTED CO 24 CABING PRESSURE C.	RECORD (MD) 8. number) per fo METHOD (Flo METHOD (Flo ALCULATED 4-HOUR RATE	O t PROJ P	7 7/8" BCREEN ( 82. DEPTH I 649 DUCTION umping—eiz OIL—BBL 112	20( 25( 45( wD) 	0 SX C1 0 SX SE 1 SX DO1 30. 512E 2 7/8 D. SHOT. FRA (MD) 01 1( 	ASS C W/2 If stress Nell lite TUBING RECC DEPTH BET (M) ( 63]] ACTURE, CEMENT AMOUNT AND EIM 000 gal 1 WELL AMUNT AND EIM WATER-BBL 41	%       CaCl         wt       5         DBD       PACKER SET (MD)         D)       PACKER SET (MD)         C       SQUEEZE, ETC.         D OF MATERIAL USED         5%       MSR acid         5%       MSR acid         STATUB (Producing or         Han         Producing         GAS-OIL RATIO         OIL GRAVITY-API (CORE.)
29. <b>BILE</b> <b>BI. PERFORATION REC</b> 6491- 53.* <b>ATE FIRST PRODUCTI</b> 4-27-85 <b>DATE OF TEST</b> 4-30-85 <b>LOW. TUBLING PRESS.</b> <b>I. DISPOSITION OF G</b> Vented	LINES TOP (MD) BOTTY i TOP (MD) BOTTY i cond (Interval, else and 6501 1 shot 1000 PRODUCTION PRODUCTION PUI HOURS TESTED C: 24 CABING PREBEURE C: 24 CABING PREBEURE C: 24	RECORD (MD) 8. number) per fo METHOD (Flo METHOD (Flo ALCULATED 4-HOUR RATE	O t PROJ P	7 7/8" BCREEN ( 82. DEPTH I 649 DUCTION umping—eiz OIL—BBL 112	20( 25( 45( wD) 	0 SX C1 0 SX SE 1 SX DO1 30. 512E 2 7/8 D. SHOT. FRA (MD) 01 1( 	ASS C W/2 If stress Well lite TUBING RECC DEPTH BET (M) G3]] ACTURE, CEMENT AMOUNT AND EIM DOO gal 1 WELL AMU WATER-BBL 41 TEST WITNES	%       CaCl         wt       5         DBD       PACKER SET (MD)         D)       PACKER SET (MD)         C       SQUEEZE, ETC.         D OF MATERIAL USED         5%       MSR acid         5%       MSR acid         STATUB (Producing or         Han         Producing         GAS-OIL RATIO         OIL GRAVITY-API (CORE.)
29. 8128 81. PERFORATION REC 6491- 33.* 54. DISPOSITION OF G. Vented 55. LIST OF ATTACED	LINES TOP (MB) BOTTA i TOP (MB) BOTTA i top (Interval, size and 6501 1 shot 6501 1 shot 1 HOUTES TESTED CO 24 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO CO 25 CABING PRESSURE CO CO 25 CABING PRESSURE CO CO 25 CO	RECORD (MD) 8. number) per fo METHOD (Flo METHOD (Flo ALCULATED 4-HOUR RATE	O t PROJ P	7 7/8" BCREEN ( 82. DEPTH I 649 DUCTION umping—eiz OIL—BBL 112	20( 25( 45( wD) 	0 SX C1 0 SX SE 1 SX DO1 30. 512E 2 7/8 D. SHOT. FRA (MD) 01 1( 	ASS C W/2 If stress Well lite TUBING RECC DEPTH BET (M) G3]] ACTURE, CEMENT AMOUNT AND EIM DOO gal 1 WELL AMU WATER-BBL 41 TEST WITNES	%       CaCl         wt       5         DBD       PACKER BET (MD)         D)       PACKER BET (MD)         T       SQUEEZE, ETC.         D OF MATERIAL USED       5%         STATUB (Producing or Idan)       5%         BTATUB (Producing or Idan)       GAS-OIL RATIO         OIL GRAVITT-AFI (CORE.)       GAS-OIL BATIO
29. BILE BI. PERFORATION REC 6491- 33.• ATE FIRST PRODUCTS 4-27-85 DATE OF TEST 4-30-85 Tow. TUBING FREE. 4. DISPOSITION OF G. Vented 5. LIST OF ATTACES See lette	LINES TOP (MB) BOTTA i TOP (MB) BOTTA i top (Interval, size and 6501 1 shot 6501 1 shot 1 HOUTES TESTED CO 24 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO 25 CABING PRESSURE CO CO 25 CABING PRESSURE CO CO 25 CABING PRESSURE CO CO 25 CO	RECORD OM (MD) 8. NUMBER PER fo METHOD (Flo METHOD (Flo METHOD (Flo METHOD RATE A-HOUR RATE 	O t PROJN. FOB TEBT FERIOD OLL_EBL. 112	7 7/8" BCREEN ( BCREEN (	20( 25( 45( mD) 	0 SX C1 0 SX SE 0 SX DO1 30. 812E 2 7/8 D. SHOT. FRA (MD) 01 10 01 10 01 01 10 01 01 01 01 01 01 01 01 01	ASS C W/2 If stress Well lite TUBING RECC DEPTH BET (M) G3]] ACTURE, CEMENT AMOUNT AND EIM DOO gal 1 WELL AMU WATER-BBL 41 CE-BBL. 41 TEST WITNES Mark H	%       CaCl         wt       5         DBD       PACKER BET (MD)         D)       PACKER BET (MD)         T       SQUEEZE, ETC.         D OF MATERIAL USED       5%         STATUE (Producing or HARD)       5%         STATUE (Producing or HARD)       01         OIL GRAVITT-API (CORE.)       01         BED BY       1         Hamilton       1
29. 8128 81. FERFORATION REC 6491- 83.• 0ATE FIRST PRODUCT 4-27-85 PATE OF TEST 4-30-85 FLOW. FUBING FREE. 84. DISPOSITION OF G. Vented 5. LIST OF ATTACES See lette	LINEE TOP (MB) BOTTA i TOP (MB) BOTTA i cond (Interval, else and 6501 1 shot 1000 PRODUCTION POULTION PUI HOURS TESTED C: 24 CABING PRESSURE C: CABING PRESSURE C: C: C: C: C: C: C: C: C: C:	RECORD OM (MD) 8. NUMBER PER fo METHOD (Flo METHOD (Flo METHOD (Flo METHOD RATE A-HOUR RATE 	O t PROJN. FOB TEBT FERIOD OLL_EBL. 112	7 7 / 8 " BCREEN ( BCREEN ( B2. DEPTH I 649 DUCTION umping—eiz GAS- C	20( 25( 45( wD) ACI NTERVAL 1-65( 	0 SX C1 0 SX SE 0 SX DO1 30. 812E 2 7/8 D. SHOT. FRA (MD) 01 10 01 10 01 01 10 01 01 01 01 01 01 01 01 01	ASS C W/2 If stress Well lite TUBING RECC DEPTH BET (M) G311 ANOUNT AND EIM D00 gal 1 WATEB-BBL 41 EB-BBL. 41 TEST WITNES Mark H Dm all available re	%       CaCl         wt       5         DBD       PACKER BET (MD)         D)       PACKER BET (MD)         T       SQUEEZE, ETC.         D OF MATERIAL USED       5%         STATUE (Producing or HAR)         STATUE (Producing or HAR)         OIL GRAVITY-AFI (CORE.)         SED BY         Hamilton

KEGET VIEW UNIT STATES	Budget Bureau No. 42-R1424
ADD 1 1 1955 DEPARTMENT OF THE INTERIOR	5. L. NM 18611
CIEULA ENERGY CORP.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form for proposals to drill or to deepen or plug bac	L Aciete Negra
1. oil gas other	8. FARM OR LEASE NAME Aciete Negra
1. oil     gas       well     well       other       2. NAME OF OPERATOR	9. WELL NO. 4
Cibola Energy Corporation 3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME Wildcat
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. S	8710311. SEC., T., R., M., OR BLK. AND SURVEY ORSee space 17AREASec. 12-9S-27E
below.) AT SURFACE: 330 FSL & 940 FEL AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	12. COUNTY OR PARISH 13. STATE Chaves NM
16. CHECK APPROPRIATE BOX TO INDICATE NATURE	OF NOTICE,
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 3880.2
REQUEST FOR APPROVAL TO:       SUBSEQUENT REF         TEST WATER SHUT-OFF	(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'.

Ran 6995' of  $5\frac{1}{2}$ ", 15.5# casing, texas pattern guide shoe, float collar and insert float and DV Tool set at 6000'. 3/30/85 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 tru		
SIGNED Karen, and	Urilling Secretary	4/1/85
	(This space for Federal or State office use)	×
APPROVED BY CONDITIONS OF APPROVAL IF ANY:	TITLE DATE	ACCEPTED FOR RECORD PETER W. CHESTER
		APR 9 1985
	•See Instructions on Reverse Side	BUREAU OF LAND MANAGEMENT

ROSWELL RESOURCE AREA

- Operator: PetroYates, Inc. P.O.Box O Albuquerque, NM 87103 (formerly known as Yates Exploration Co.)
- Well Name: Louise Yates #1 Unit Letter "N" 330'FSL & 1980'FWL Section: <u>7</u> Township: <u>95</u> Range: <u>28E</u> 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		9 8 9 9 9 9	Long String: 4-1/2 in 10.5 lb/ft none at present Cement:
	1	•	Tubing: None at present

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

•

	· 深刻。 - 自動指導有效 - 1		-	
ения. А.				
 Submit'3 Copies to Appropriate District Office	Energy, State of Nerals and Nati	ew Mexico ural Resources Department	۲	Form C-103 Revised 1-1-89
DISTRICT J P.O. Box 1980, Hobbs, NM 88240		TION DIVISION	WELL AM NO.	20.00F (290)
DISTRICT II P.O. Drawer DD. Artenia, NM \$8210	Santa Fe, New M	ox 2088 exico 87 <b>954</b> 90880	S. Ladicata Type o	30-005-62894
DISTRICT		JUN - 5 1992	6. State Oil & Ge	
1000 Rie Brance Rd., Antes, NM \$7410		O. C. D.		VA-0570
( DO NOT USE THIS FORM FOR PH DIFFERENT RESE	FICES AND REPORTS ON OPOSALS TO DRILL OR TO DI RVOIR. USE "APPLICATION A C-101) FOR SUCH PROPOSAL!	OR PERMIT	7. Loase Name of	/ Usik Agreement Name
1. Type of Well: Call GAS WELL KX3. WHILL			LOUISE Y	ATES
	TES, INC. (YATES E	EXPLORATION CO.)	L Well No.	1
3. Address of Operator	2607, ROSWELL, NM		9. Pool same or V WOLF	Wildcat
4. Well Louision N 33		·····	30	WEST
Unit Letter :	0 Peet Prom The SOUTH	Line and	50 Peet Prog	a The Line
	Township 9 S	Rampe 28 E.	NMPM	CHAVES County
		3889.6 GR		
11. Check NOTICE OF IN	Appropriate Box to Indi		SEQUENT R	
	PLUG AND ABANDON			
	CHANGE PLANS		GOPNS. X	
		CASING TEST AND C		
)THER:	· · · · · · · · · · · · · · · · · · ·			·
12. Describe Proposed or Completed Ope work) SEE RULE 1103.	milens (Clearly state all persinent d	lessile, and give pertinent datas, inclu	ding estimated date q	f starting any proposed
• • • • • • • • • • • • • • • • • • • •	Vel1 5/2/92			
and 8 5/8 Cal Chl.	12 눈" hole to 411 ft 3" Halliburton inser Rtn approx. 100 sk (Intention to cemer	t float. Cemented was to pit. Tested to	with 310 sk 0 650 psi.	Good.
- WDC - 24	hrs. Drill out und	ier casing with 7 7/	8" bit w/air	. Cuttings dry.
I have setting that the information above in a second state of the setting of the second state of the seco	Alkinson	ſ'	ry	DATE 4-4-92
TYPE CE MANT HAVE JEANET	TA ATKINSON	SECRETAR	Y	TELEPHONE NO. 625-2448
MIKEN	NAL SIGNED BY WILLIAMS			JUN .~ 8 1992
APPEOVED BY SUPER	VISOR DISTRICT I			DATE

.

(This space for State Ues)	C
	N

÷ .

Submit to Appropriate District Office State Lasse - 6 copies For Lasse - 5 copies	Energy,	State of New M Minerals and Natural R	**		- Farm C-101 Revised 1-1-39
DISTRICT J P.O. Box 1980, Hobbs, NA <u>DISTRICT II</u> P.O. Drawer DD, Artesia, I <u>DISTRICT III</u> 1000 Rio Brates Rd., Ame	4 88240 S NM 88210	CONSERVATIO P.O. Box 20 Santa Fe, New Mexico	88	API NO. ( sealgrand by OC <u><u></u> S. Indicate Type of Lease ST 6. State Oil &amp; Cas Lease</u>	/ <u>6289/</u>
APPLICAT	ION FOR PERMIT	O DRILL, DEEPEN,	OR PHIE BADK		
Is. Type of Work:				7. Lanse Name or Unit A	ground Name
DRILL b. Type of Well: OL GAS WELL X WELL		DEEPEN		Louise Yates	
2 Name of Operator Votices Execution	tion Company, I	nc.		I Well No.	
1 Address of Orsention	Roswell NM 8820			9. Pool same or Wildow Wolf Lake	
4. Wall Location Unit Letter	N : <u>330</u> Foot P	rom The South	Liss and 19	30 Post Prom The	West Lie
Section 7	Towns	his 9-S R	and 28 ECM	NMPM Chaves	County
		10. Proposed Dept		Pormatica an Andres	12 Rosey or CT. Rotary
13. Elevations (Show whethe	P DF, RT, GR, etc.)	4. Kind & Suns Plug. Bond	15. Drilling Contractor		Date Work will start
3889.6	<u> </u>	State Wide	Dominguez	Drilling 4/1/	92
17.	PR	OPOSED CASING A	ND CEMENT PROGI	RAM	
•••		1		SACKS OF CEMENT	PAT TA
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SAUNS OF CEMENT	EST. TOP
		WEIGHT PER FOOT	400' 2350'	220 sxs	surface 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 will will not be productive then the well will be plugged and abandoned without setting the 4 1/2" casing.

PERMIT EXPIRES \_\_\_\_\_ LO16 92 \_\_\_\_\_

I TO DEEPEN OR MIND BACK, OF A DATA ON PRESENT PRODU	CTIVE ZONE AND PHONORIO NEW PADOLETTE
Males ad baller. max Vice President	DATE 3-25-92
	телетноме но. 625-2448
	APR 1 3 1982
	windge and ballef,

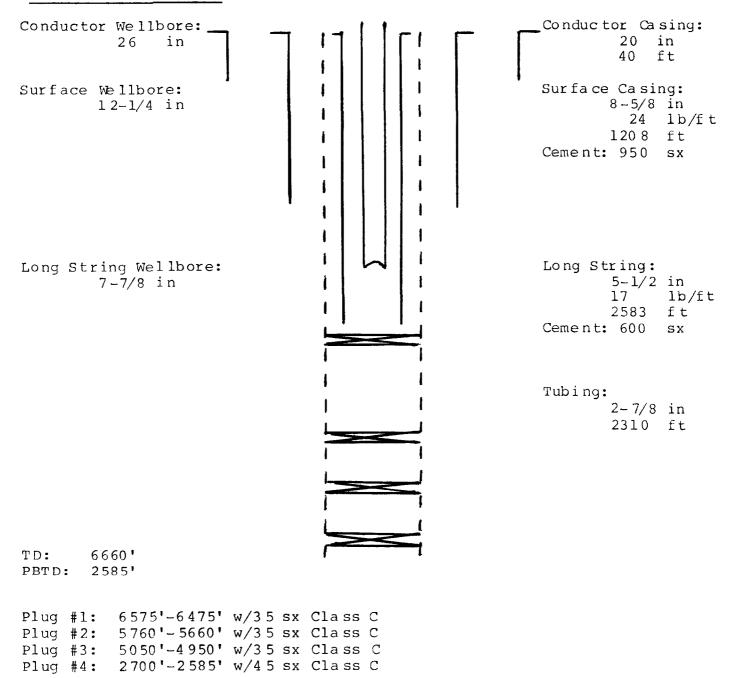
-1-	 Submit 3 Copies to Appropriate District Office	State of New Me Energy, Minerals and Natural Re			Form C-103 Revised 1-1-89
·	DISTRICT I P.O. Box 1980, Hodda, NM 88240	OIL CONSERVATIO		WELL API NO. 30-005-0	62804
	ISTRICT II Santa Fe, New Mexico 8' O. Drawer DD, Artesia, NM 88210			5. Indicate Type of Lease	
	DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410			6. State Oil & Gas Lease N VA-0576	۵.
	( DO NOT USE THIS FORM FOR PRO DIFFERENT RESER	CES AND REPORTS ON WEL POSALS TO DRILL OR TO DEEPEN VOR. USE "APPLICATION FOR PER 101) FOR SUCH PROPOSALS.)	OR PLUG BACK TO A	7. Lease Name or Unit Agn	ernent Name
	I. Type of Well: OR OAS WELL XX WELL	OTHER		Louise Ya	tes
	2. Name of Operator	Co., Inc. (PetroYates	, Inc.)	8. Weil No. 1	
	P. 0. Box 2607	Roswell, NM 88202-260	7	9. Pool name or Wildcat Wolf Lake	
ſ	i. Well Location Unit Letter <u>N</u> : <u>33</u>	0 Feet From The South	Line and 198	30 Feet From The	West Line
	Section 7	20	28E	NMPM Ch	aves County
		10. Elevation (Show whether ) GL 388	· · · ·		
1	n. Check A NOTICE OF INT	Appropriate Box to Indicate N ENTION TO:		eport, or Other Data SEQUENT REPOF	
P			REMEDIAL WORK		
		CHANGE PLANS X	COMMENCE DRILLING		
P	JLL OR ALTER CASING		CASING TEST AND CE		
σ	THER: Notice of reachin	g original TD X			🗆
1	2. Describe Proposed or Completed Operat work) SEE RULE 1103.	ions (Clearly state all pertinent details, an	d give pertinent dates, inclu	ding estimated date of starting a	илу proposed
		11ed to 2,400 feet.	• •		
	This notice is su of the San Andres	bmitted to request per formation - estimated	mission to dril depth of 2,840	l to the San Ange feet.	lo horizon
	Hole will be deep 7 7/8" hole will	ened with mud system, be drilled.	rather than air.		
	Please keep this	information confidentia	al for the time	allowed,	
					·
1	hereby certify that the information above a true	and complete to the best of my knowledge and t		• •	1 04 1000
1	BONATURE HAMANVV E. Ya		• Vice Pres	Ident pate	<u>June 24, 1992</u>
	TYPE OR PRINT NAME			TELEP	HONE NO.
(	This space for State Use)				
-	PTROVED BY	m		DATE	
C	IONDITIONS 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: 95 Range: <u>27E</u> County: Chaves

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

## CASING & TUBING DATA



See attached C-103 and C-104

Submit 3 Copies	State of New Energy, Minerals and Natura			Form C-103 Revised 1-1-89
to Appropriate District Office	<b></b>			Kevised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVAT	2088	WELL API NO.	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexi		30-005-627 5. Indicate Type of Le	256
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410		14R 22 BA	6. State Oil & Gas Lea	STATE X FEE
·			LG 7990	
( DO NOT USE THIS FORM FOR PR DIFFERENT RESE (FORM C	ICES AND REPORTS ON V OPOSALS TO DRILL OR TO DEEL RVOIR. USE "APPLICATION FOR 2-101) FOR SUCH PROPOSALS.)	PEN OR PLUG BACK TO A	7. Lease Name or Unit	t Agreement Name
1. Type of Well: OIL CAS WELL	- other Plug	back	Wolf AHF St	ate
2. Name of Operator YATES PETROLEUM CORPOR	RATION		8. Well No. 1 .	
<ol> <li>Address of Operator</li> <li>105 South 4th St., Art</li> <li>Well Location</li> </ol>	tesia, NM 88210		9. Pool name or Wildo Wildcat	at
Unit Letter	) Feet From The north	Line and660	Feet From The	east I
Section 13	Township 9S	Range 27E	NMPM Ch	aves County
	10. Elevation (Show whe	ther DF, RKB, RT, GR, etc.)		
	Appropriate Box to Indica			
		- SUE		PORT OF:
	PLUG AND ABANDON	_ REMEDIAL WORK		FERING CASING
F 1		<b></b>	<u> </u>	
	CHANGE PLANS		GOPNS. DPLL	JG AND ABANDONMENT
	CHANGE PLANS	CASING TEST AND C		JG AND ABANDONMENT
TEMPORARILY ABANDON	CHANGE PLANS			JG AND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND CI		
PULL OR ALTER CASING	3-15-90. Permission tions (Clearly state all periment detail to plug back to 250 35 sacks Class C 35 sacks Class C 35 sacks Class C	CASING TEST AND CI OTHER: Plugbac ds, and give pertinent dates, inclu obtained from NM	EMENT JOB	Ting any proposed
PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed Opera- work) SEE RULE 1103. TD 6660'. Reached TD Lee, Yates' consultant Plug #1 6575-6475' w/ Plug #2 5760-5660' w/ Plug #3 5050-4950' w/	3-15-90. Permission tions (Clearly state all periment detail to plug back to 250 35 sacks Class C 35 sacks Class C 35 sacks Class C	CASING TEST AND CI OTHER: Plugbac ds, and give pertinent dates, inclu obtained from NM	EMENT JOB	ning any proposed
PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed Opera- work) SEE RULE 1103. TD 6660'. Reached TD Lee, Yates' consultant Plug #1 6575-6475' w/ Plug #2 5760-5660' w/ Plug #3 5050-4950' w/	3-15-90. Permission tions (Clearly state all periment detail to plug back to 250 35 sacks Class C 35 sacks Class C 35 sacks Class C	CASING TEST AND CI OTHER: Plugbac ds, and give pertinent dates, inclu obtained from NM	EMENT JOB	ning any proposed
PULL OR ALTER CASING OTHER:  12. Describe Proposed or Completed Operawork) SEE RULE 1103. TD 6660'. Reached TD Lee, Yates' consultant Plug #1 6575-6475' w/ Plug #2 5760-5660' w/ Plug #3 5050-4950' w/ Plug #4 2700-2500' w/	ations (Clearly state all pertinent detail 3-15-90. Permission c, to plug back to 250 (35 sacks Class C (35 sacks Class C (35 sacks Class C (45 sacks Class C (45 sacks Class C	CASING TEST AND CASING THE Plugbac.	EMENT JOB	Ting any proposed NM by Gene
PULL OR ALTER CASING OTHER:  12. Describe Proposed or Completed Operative work) SEE RULE 1103. TD 6660'. Reached TD Lee, Yates' consultant Plug #1 6575-6475' w/ Plug #2 5760-5660' w/ Plug #3 5050-4950' w/ Plug #4 2700-2500' w/	ations (Clearly state all pertinent detail 3-15-90. Permission c, to plug back to 250 (35 sacks Class C (35 sacks Class C (35 sacks Class C (45 sacks Class C (45 sacks Class C	CASING TEST AND CASING ALL STATES AND	EMENT JOB	ning any proposed NM by Gene
PULL OR ALTER CASING OTHER:  12. Describe Proposed or Completed Operawork) SEE RULE 1103. TD 6660'. Reached TD Lee, Yates' consultant Plug #1 6575-6475' w/ Plug #2 5760-5660' w/ Plug #3 5050-4950' w/ Plug #4 2700-2500' w/	ations (Clearly state all pertinent detail 3-15-90. Permission 5, to plug back to 250 35 sacks Class C 35 sacks Class C 35 sacks Class C 45 sacks Class C 45 sacks Class C	CASING TEST AND CASING THE Plugbac.	EMENT JOB	Ting any proposed NM by Gene
PULL OR ALTER CASING OTHER: 12. Describe Proposed or Completed Opera- work) SEE RULE 1103. TD 6660'. Reached TD Lee, Yates' consultant Plug #1 6575-6475' w/ Plug #2 5760-5660' w/ Plug #3 5050-4950' w/ Plug #4 2700-2500' w/ Plug #4 2700-2500' w/ I hereby certify that the information above is tru- SKONATURE AND AND TYPE OR PRINT NAME Juanita (C (This space for State Use) ORIGINATION	ations (Clearly state all pertinent detail 3-15-90. Permission 5, to plug back to 250 (35 sacks Class C (35 sacks Class C (35 sacks Class C (45 sacks Class C) (45 sacks C) (45 s	CASING TEST AND CI OTHER: Plugbac obtained from NMG 0' as follows:	EMENT JOB	Ting any proposed NM by Gene IVED A DATE <u>3-21-90</u> TELEPHONE NO. 505/748 MAR 2 6 199
PULL OR ALTER CASING OTHER:  12. Describe Proposed or Completed Operawork) SEE RULE 1103.  TD 6660'. Reached TD Lee, Yates' consultant Plug #1 6575-6475' w/ Plug #2 5760-5660' w/ Plug #3 5050-4950' w/ Plug #4 2700-2500' w/ I hereby certify that the information above is trus SKONATURE AND AND TYPE OR PRINT NAME Juanita ( TYPE OR PRINT NAME Juanita ( THIS SPACE FOR State Use) ORIGI	ations (Clearly state all pertinent detail 3-15-90. Permission c, to plug back to 250 35 sacks Class C 35 sacks Class C 35 sacks Class C 45 sacks Class C 45 sacks Class C 45 sacks Class C	CASING TEST AND CASING THE Plugbac.	EMENT JOB	Ting any proposed NM by Gene VED A DATE <u>3-21-90</u> TELEPHONE NO. 505/744

~	÷	12.2005

-					·					
· [ -					· · ·	Herd He	/	111		
Submit 5 Copies Appropriate District Office DISTRICT 1	Energy, N	State of No finerals and Nati	ew Mexico ural Resourc		1865	Form C- Revised See Inst	1-1-89			
P.O. Box 1980, Hobbs, NM 88240 DISTRICT II	OILC	ONSERVA P.O. Bo		DIVISIO	N 'NT/		at Botto	m of Page		
P.O. Drawer DD, Anesia, NM 88210 DISTRICT III Santa Fe, New Mexico 87504-2088										
1000 Rio Brazos Rd., Aztec, NM 87410 REQUEST FOR ALLOWABLE AND AUTHORIZATION										
I. Operator	TO TRA	NSPORT OIL	AND NA	TURAL G		PI No.				
YATES PETROLEUM CC	RPORATION					0-005-6277	73			
Address 105 South 4th St.,	Artocia NM	88210								
Reason(s) for Filing (Check proper box)	Allesia, MA	00210	Oth	ct (Please expl	ain)	÷				
New Well X Recompletion	Change in Oil	Transporter of: Dry Gas			1.5	0				
Change in Operator	Casinghead Gas	Condensate			in	18'90				
If change of operator give name and address of previous operator			·····							
II. DESCRIPTION OF WELL		S. Wolf 1	sake.	San HNG	dres	OFILE	·			
Lease Name Wolf AHF State	Well No. 1	Poot Name, Includi Undes-San-				of Lease Vedotal br/Tice	LG 7	ase No. 990		
Location			· 1-			r.				
Unit LetterA	. 660	Feet From The <u>N</u>	IOTTE Lin	e and660	re	et From The	ast	Line		
Section 13 Township	9S	Range 27E	<u>, N</u>	мрм,	Chaves			County		
III. DESIGNATION OF TRAN Name of Authorized Transporter of Oil Navajo Refining Co.	SPORTER OF OI		Address (Giv			copy of this form M 88210	is to be set	n1)		
Name of Authorized Transporter of Casing	zhead Gas	or Dry Gas				copy of this form	is to be se	nt)		
If well produces oil or liquids,		Twp. Rge.	Is gas actually connected? When ?							
give location of tanks. If this production is commingled with that f	A 13	9s 27e	NO		]	· · · · · · · · · · ·				
IV. COMPLETION DATA			·			······································				
Designate Type of Completion -	- (X) Oil Well	Gas Well	New Well	Workover 	Deepen	Plug Back Sar	ne Res'v	Diff Res'v		
Date Spudded	Date Compl. Ready to	Prod.	Total Depth 666	o t	ر	P.B.T.D. 2585'				
2-28-90 Elevations (DF, RKB, RT, GR, etc.)	6-12-90 Name of Producing Fo	mation	Top Oil/Gas			Tubing Depth				
3874 GR	San Andres	3	224	2		2310' Depth Casing Shoe				
2242-2252'						2583'				
	TUBING, CASING & TU	CASING AND	CEMENTI	NG RECOR		SACKS CEMENT				
HOLE SIZE	20 <sup>11</sup>	DING SIZE		40'		SACKS CEMENT				
122"	8-5/8" 5 <del>1</del> "		L	1208' 2583'		950 sx 600 sx				
7-7/8"	2-7/8"			2310'		000 SX				
V. TEST DATA AND REQUES OIL WELL (Test must be after re	T FOR ALLOWA		h		unable for this					
Date First New Oil Run To Tank	Date of Test		Producing Me	thod (Flow, pu			WI 24 NOUP	5.)		
5-4-90 Length of Test	5-20-90 Tubing Pressure		Pu Casing Pressu	mping		Choke Size				
24 hrs	-		-			-				
Actual Prod. During Test 24 hrs	Oil - Bbls. 6		Water - Bbls. 12			Gas- MCF TSTM				
GAS WELL	I		L			L				
Actual Prod. Test - MCF/D	Length of Test		Bbls. Conden	sate/MMCF		Gravity of Cond	ensaie			
Testing Method (pitor, back pr.)	Tubing Pressure (Shut-	in)	Casing Pressu	ne (Shut-in)	<u></u>	Choke Size	<u> </u>			
VI. OPERATOR CERTIFIC	ATE OF COMP	LIANCE	<u>ار                                     </u>			l		ł		
I hereby certify that the rules and regula Division have been complied with and t	ations of the Oil Conserv hat the information give	ation		DIL CON	ISERVA			'N		
is true and complete to the best of my to	nowledge and belief.		Date	Approve	d	JUN 2 9	1990			
	· Alix		By			SIGNED BY	ł			
	Production Su	- <u>-</u>			MIKE WIE	LTAMS OR, DISTRI	ст 10	,,,,,		
Printed Name 6-15-90		Title 3–1471	Title.							
Date		phone No.		· · ·	· · · · · · · · · · · · · · · · · · ·					
INSTRUCTIONS: This form										

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 filled for each pool in multiply completed wells.
4) Separate Form C-104 must be filled for each pool in multiply completed wells.

h

WELL	DATA	SHEET
		01100-1

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

Well Name: Dun can Federal #5 Unit Letter "C" 660'F L & 1650'FWL Section: 18 Township: 95 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:	
	Tubing: 2-3/8 in ft	

	OPERATOR ITED STATES NT OF THE IN	S COPY SUBMIT IN TR (Other instruc reverse su	tions on	Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985
	OF LAND MANAGE	-		5. LEASE DESIGNATION AND SERIAL NO. NM-12557
APPLICATION FOR PERMIT	TO DRILL, D	EEPEN, OR PLUG B	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK DRILL	DEEPEN	PLUG BAC	ж 🗆	7. UNIT AGEREMENT NAME
WELL XX GAS WELL OTHER		SINGLE MULTIPI ZONE ZONE	.* 🗌	8. FARM OB LEASE NAME
2. NAME OF OPTRATOR CIBOLA ENERGY CORI	PORATION			9. WELL NO.
3. ADDRESS OF OPERATOR		NM 87103		#5
P. O. BOX 1668 4. LOCATION OF WELL (Report location clearly a	•	ue, NM 87103		10. FIELD AND POOL, OR WILDCAT W/C San Andres
At surface 660'FNL & 1650'FWL			ł	11. SEC., T., B., M., OR BLK. AND SUBVEY OR AREA
At proposed prod. zone Same	·			Sec. 18 T-9S, R-28E
14. DISTANCE IN MILES AND DIRECTION FROM N 24 miles NE of Roswell		OFFICE*		12. COUNTY OB PABISH 13. STATE Chaves NM
<ol> <li>DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)</li> </ol>	330 ft.	16. NO. OF ACRES IN LEASE 1074.24		ACRES ASSIGNED IS WELL 40.00
18. DISTANCE FROM PROPOSED LOCATION <sup>4</sup> TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	1190 ft.	19. PROPOSED DEPTH 2350 feet	20. ROTAR	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3883.7 GL				22. APPROX. DATE WORK WILL START* June 1, 1992
23.	PROPOSED CASIN	G AND CEMENTING PROGRAM	[	
SIZE OF HOLE SIZE OF CABING	WEIGHT PER FOO			QUANTITY OF CEMENT
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10.5#	<u>400 ft</u> 2350 ft.		<u>Circulate</u> 200 sx
will complete	e it by runnin productive, v	ormation. If the w ng and cementing 4- we will plug it fol	1/2" 10	).5# casıng.
IN ABOVE SPACE DESCRIBE PROPOSED PROCEAM : I zone. If proposal is to drill or despen directio	f proposal is to deepen	a or plug back, give data on pre	esent produ	ROSAU CONTRACTOR AND PRODUCTIVE
preventer program, if any.				
BIGNED Harvey E. Yates, Jr	•	President		
(This space for Federal or State office use) PERMIT NO. APPROVED BY	A TITLE	APPROVAL DATE Asst Area Ma	Mage	1 DATE 7/17/92
PLEASE BE ADVISED THAT THERE WILL E OF FEDERALLY OWNED MINERAL MATERIA TION OF THE ACCESS ROAD OR PAD W INTADVANCE. C. Section 1001, makes it a crin United States any false, fictitious or fraudul	I. FOR CONSTRUC-	TITLE TO THOSE RI	APPLIC. GHTS IN ICANT TO	HT HOLDS LEGAL OR EQUITABLE HE SUBJECT LEASE WHICH WOULD CONDUCT OPERATIONS THEREON.

. • • •

- Operator: PetroYates, Inc. P.O.Box O Albuquerque, NM 87103 (formerly known as Yates Exploration Co.)
- Well Name: Emmons State #1 Unit Letter "D" 990'FNL & 330'FWL Section: <u>18</u> Township: <u>95</u> Range: <u>28E</u> 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
		Tubing: 2-3/8 in 2150 ft
TD: 2354 ft		

					. ' <b>n</b> .				Λ -	
				er Mexico			RECEIVE	D Form C	···· VP	
DISTRICTI P.O. Box 1980, Hobbs, NM 88240		*			-				uctions m of Page	
<u>DISTRICT II</u> P.O. Drawer DD, Arlesia, NM 88210	U		P.O. B	<b>TION D</b> 0x 2088		<b>IN</b> .	APR 16	90		
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410		·	-	exico 87504			O. C			
I.				BLE AND A		IS	ARTESIA, OU	FICE		
Operator Yates Exploration Co.	. Inc.					-	PI No. 05-6277	1		
Address										
P O Box O Albuquerqu Reason(s) for Filing (Check proper box)	e, NM 8	7103		Other	(Places afilh	HEN LOLIE				
New Well	Cha	inge in Transpo	orter of:		(1 10000 E.U.)		AD GAS	MUST NO	OT BE	
Recompletion	Oil				1°L/ 115	NRED AF	TER		) *******	
Change in Operator	Casinghead Ga	s [] Conder	asate				IS OBTAI	NED		
and address of previous operator	<u></u>		····							
II. DESCRIPTION OF WELL								<del></del>		
Lease Name EMMONS STATE		ll No. Pool N L Wo	ame, Includi lfridge		dres		of Lease Defending and	1	<b>23se No.</b> 996	
Location						1		· · · · ·		
Unit LetterD	_:990	Feet Fi	rom The <u>N</u>	orth Line:	and <u>330</u>	Fe	et From The_	West	Line	
Section 18 Township	p 95	Range	28E	NM	PM, Chay				County	
III. DESIGNATION OF TRAN						(ED		,		
Name of Authorized Transporter of Oil	XX or (	Condensate		Address (Give	address to wh	ich approved				
Enron Oil Trading & T Name of Authorized Transporter of Casing		<u>tion Co.</u> crDny	Gas	P O Box Address (Give		louston,		7251–118 7751–118		
									/= /	
If well produces oil or liquids, give location of tanks.	Unit Sec D 1		<b>Rge.</b>	Is gas actually NO	connected?	When	?			
If this production is commingled with that if	from any other le	ase or pool, giv	ve commingl	ing order numbe	n: <u>NON</u>	IE				
IV. COMPLETION DATA	loi	1 Well	Gas Well	New Well	Workover	Deepen	Ping Back	Same Res'v	Diff Res'v	
Designate Type of Completion	- (X)	XX		XX I						
Date Spudded	Date Compl. Re	•		Total Depth			P.B.T.D.			
Feb 28, 1990 Elevations (DF, RKB, RT, GR, elc.)	Name of Produc	7, 1990 ing Formation		2354 Top Oil/Gas Pa	y		N/A Tubing Dept			
	Slaughter	of San /	Andres	2221 F	t		2150			
Perforations	16 . 2000	00/7.	( _1 <u>)</u>	F1 00F/.	1 1 000	. <b></b>	Depth Casin	g Shoe		
1 sh 2221; 1 sh 2226;	<u>10 sn 223</u> TUB	1 - 2247;	$\frac{1}{10} \frac{\sin 22}{\sin 22}$	CEMENTIN	<u>I sn 225</u> G RECORI	)/ )	2344	·····		
HOLE SIZE	CASING	& TUBING		0	EPTH SET		S	ACKS CEM	ENT	
12-12"	8-5/8"		<u></u>	382'			220_sks			
7-7/8"	4- <sup>1</sup> 5'' 2-3/8''			2344' 2150'			<u>135 sks</u> N/A			
				2150			N/A			
V. TEST DATA AND REQUES OIL WELL (Test must be after re										
OIL WELL (Test must be after re Date First New Oil Run To Tank	Date of Test	nume oj loga (	ou and musi	Producing Meth				or full 24 hour	rs.)	
April 7, 1990	April 8,	1990		Flow						
Length of Test	Tubing Pressure			Casing Pressure	•		Choke Size			
9 hr Actual Prod. During Test	457 psi s Oil-Bbls. 45	<u>shutin</u> Bbl in (	hrc	0 Water - Bbls.			1.86" Gas- MCF			
45 Bbls	or 120 in			0			20 MCF	approx/	dav	
GAS WELL		· · · ·						11,	·,	
Actual Prod. Test - MCF/D	Length of Test			Bbls. Condensa	te/MMCF		Gravity of C	ondensate		
Testing Method (pitot, back pr.)	Tubing Pressure	(Shut-in)		Casing Pressure	(Shut-in)		Choke Size			
VI. OPERATOR CERTIFIC.			ICE			CEDV		DIVISIC		
I hereby certify that the rules and regula Division have been complied with and t							,		//N	
is true and complete to the best of my k				Date	Approved	A	PR 17	1990		
The same to the house				Dater	.ppiovec				<u> </u>	
Signature				Ву	0	RIGINAL	SIGNED I	BY		
Harvey E. Yaves, Jr.	Pre	esident			IVI	IKE WILL				
Printed Name April 12, 1990	21.7-	Title -2050		Title_	5		OR, DISTI			
Date		Telephone N	lo.		- <u></u>	• • • • • • • • • • • • • • • • • • •	· · ·			
			•							

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.

Operator: Cibola Energy Corp. P.O.Box 1668 Albuquerque, NM 87103 Well Name: Dun can Federal #2 Unit Letter "M" 330'FSL & 990'FWL Section: <u>7</u> Township: <u>95</u> Range: <u>28E</u> 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		

Form 9-330				غتذعب	(MI UN	is cu	Ρ¥.							
(Rev. 5-63)		UN	DI IV	STA	TES				UPLIC/	•			approved. 1 Bureau N	o. 42-R355.5.
	DEPAR	TME	INT O	FTH	IE IN	TERIC	DR	RF	(See ( Arriction	rin- onson ⊑s/de)	5. LEASE DI	SIGNA	TION AND	SERIAL NO.
		GEO	LOGIC	AL SU	JRVEY	•			0 60144	יש:	MM	125	57 Federa	1
WELL CO	MPI FTION		RECO	MPI FT		REPOR	τΑ	ND	LOG	*	6. IF INDIAL	N, ALL	OTTEE OR	TRIBE NAME
18. TYPE OF WEL			GAS [				E2*	0		᠊ᡲᠯᠯ᠋᠋ᡔ᠇ᡱᡏ᠋	1 17. UNIT ACE			
b. TYPE OF COM		ELL (A)	WELL L			Other	URE		···	<u> </u>	UI. UNIT ACS		T NAME	
NEW WELL			PLUG BACK		FF. SVR.	Other	10 37				S. FARM OR	LEASI	NAME	
2. NAME OF OPERAT	on							4	WE V		NM	<del>55</del> /	FEDER	
CIBOLA E	NERGY COR	PORAT	TON								9. WELL NO			
3. ADDRESS OF OPEN								' t	< 0 15		10. FIELD A		IL OR WIL	DCAT
P. O. BO 4. LOCATION OF WEL					103 ce with an	y State re	uiren	ments)	•		WILI		•	•
At surface	330FSL	and	990F5L							ľ	11. SEC., T., OR AREA	R., M.,		AND SURVEY
At top prod. int	erval reported l	oelow	Same										· · ·	
At total depth	Same										Sec.	71	:9S 28H	1
				14. P	ERMIT NO.		DA	ATE ISS	SUED		12. COUNTY	OR	13. 5	TATE
											parish CHAVE	c		NTM
15. DATE SPUDDED	16. DATE T.D.	REACHE	D   17. DAT	E COMPL.	(Ready t	o prod.)	18.	ELEVAT	IONS (DF	, REB, R	T, GR, ETC.)*		ELEY. CAS	INGHEAD
5/10/88	6/8/8			8/15/8					889.6				3884.6	-
20. TOTAL DEPTH, MD 2317'	& TVD 21. PI	UG, BACE	(T.D., MD &	TVD 2	HOW M	TIPLE COM	PL.,		23. INTER DRILL		Rotary		CABL	I TOOLS
24. PRODUCING INTER	VAL(S), OF THE	S COMPL	ETIONTO	P, BOTTOM	I, NAME (M	AD AND TV	D)*			<u>►  </u>				RECTIONAL
2262-2265	': 2	235-2	252'										SURVEY	
	, _												NC	
26. TYPE ELECTRIC A			TTOO									27. 1	WAS WELL	CORED
28. CNL; CD	L; DUAL L			NG DEG					17)				NO	
CASING SIZE	WEIGHT, LE	./ <b>FT</b> .	DEPTH SI			LE SIZE	ings a	301 176 W		NTING F	RECORD		AMOUN	T PULLED
7 5/8	15 lb	•	419		12	1/2		150	sx ci	rcula	ated to	surf	ace	N/A
4 1/2	11.5	1b	2317		6	1/2		90						N/A
						·	_							
29.	1	LINES	RECORD	NO	<u>।</u>			3	<u></u>		- UBING REC	080	<u> </u>	
SIZE	TOP (MD)		DM (MD)	SACES		SCREEN	(MD)		SIZE		EPTH SET (1		PACKER	SET (MD)
		-							2 3/	8	2240		NON	······································
31. PERFORATION REC											······································			· · · · · · · · · · · · · · · · · · ·
Perfs are	• •			. Per:	fs are	82.					JRE, CEMEN			
	2249; 225		-								DUNT AND KI		MATEBIAL	USED
								2265 2252			<u>)0 HCL A</u> )0 HCL A			
											<u> </u>	<u>.</u>	·	
			······											
33.* DATE FIRST PRODUCTI	ION PRO	UCTION	METHOD (	Flowing,		UCTION	ize an	nd type	of pump		WELL	STATU	s (Produc	ing or
8/15/88 (on		PUMP												est tank
DATE OF TEST	HOURS TESTER	) C1	HOKE SIZE		'N. FOR PERIOD	OIL-BB	L.	a	AS-MCF		WATER-BB	L.	GAS-OIL I	LATIO
8/15/88	24		2"			35			0		-8			
FLOW, TUBING PRESS.	unknown		-HOUR BAT	· 3		GAS	s—ixi 0		v	VATER	BBL.		degre	
34. DISPOSITION OF G		) or fuel, v	ented, etc.)	1			•		RECORD		TEAT WITNE			
	ut almost					PET	ER:	W. C	HEST	ER	<b>6</b>		cendall	-
35. LIST OF ATTACHS	ENTS		·			DA	-07	11	[ 1.0]	te				
36. I hereby certify	that the fame :		a + + = = = = = = = = = = = =			VV	$\mathcal{A}$	Vil	1000		1	<del></del>		
oo. I hereby certify		ing and	allached II	utormatio	T IS COMIN				•••	from a		, <u>.</u>		
SIGNED	Xelly Mc	Bud	$\boldsymbol{\mathcal{U}}_{-}$	T	TLE _	Drill BUREAU	C E	TAND	1 101201424	0.0	DAT	<u>. 8/</u>	/31/88	
	*/0	e Inste	uctions a	nd Same	es for A	DOCI	11211	RES	OUKCE	AREA			······································	
	(54											•	·.	-

.



DRUG FRFF

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 are Ben Storie

Engineering Tech II

BSAGRA BUILDING - 408 Galistee 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 LAND OFFICE BUILDING - 310 Old Santa Fe Trail

Oil Conservation Division P.O. Box 2088 87504-2088 827-5800

Administrative Services 827-5925

Energy Conservation & Management 827-5900 Mining and Minerals 827-5970



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, bal L

Tom Kimball Landman

Files: Aceite Negra #4 Louise Yates #1