- LAIEIN 3.8.12 overclos	ENDINEER/WV, J LUDGEUM 3	8.12 TYPE SWD 1 1 1206	847300
- Notice	ABOVE THIS LINE FOR DIVISION	NUSE ONLY (33)	1 00 4
5/1° N	EW MEXICO OIL CONSERVAT		- operation
	- Engineering Bureau 1220 South St. Francis Drive, Santa Fo	The state of the s	CD .
	1220 South St. Flancis Drive, Santa Fe	2012 MAR A/Le	45#/
Α	DMINISTRATIVE APPLIC	ATION CHECKEST30	015-23192
THIS CHECKLIST IS MAN Application Acronyms:	IDATORY FOR ALL ADMINISTRATIVE APPLICATION WHICH REQUIRE PROCESSING AT THE D	IS FOR EXCEPTIONS TO DIVISION RULES AND R DIVISION LEVEL IN SANTA FE	egulations #3
[NSL-Non-Stand	ard Location] [NSP-Non-Standard Pror	ation Unit] [SD-Simultaneous Dedicat	ion]
	ole Commingling] [CTB-Lease Comm Commingling] [OLS - Off-Lease Stor		
	VFX-Waterflood Expansion] [PMX-Pre	ssure Maintenance Expansion]	
[EOR-Qualif	[SWD-Salt Water Disposal] [IPI-Injied Enhanced Oil Recovery Certificatio		se]
[1] TYPE OF APP	LICATION - Check Those Which Appl	y for [A]	200
[A]	Location - Spacing Unit - Simultaneous	Dedication - / - /	90-10
	□ NSL □ NSP □ SD	y for [A] Dedication	, 5
	One Only for [B] or [C]	· .	
[B]	Commingling - Storage - Measurement DHC CTB PLC	PC □ OLS □ OLM	
ro)			
[C]	Injection - Disposal - Pressure Increase - WFX PMX SWD	IPI EOR PPR	1-8100
[D]	Other: Specify	 76	00 - CT
[2] NOTIFICATIO [A]	ON REQUIRED TO: - Check Those Wh Working, Royalty or Overriding Roy	ich Apply, or Does Not Apply yalty Interest Owners	00'-810C
[B]	☐ Offset Operators, Leaseholders or S	urface Owner	
[C]	Application is One Which Requires	Published Legal Notice	
[D]	Notification and/or Concurrent App U.S. Bureau of Land Management - Commissioner of P	roval by BLM or SLO ublic Lands, State Land Office	
[E] [']	For all of the above, Proof of Notific		.,
[F]	Will be provided under separa Waivers are Attached	te cover.	
	URATE AND COMPLETE INFORM. TION INDICATED ABOVE.	ATION REQUIRED TO PROCESS	гне түре
[4] CERTIFICAT	ON: I hereby certify that the information	n submitted with this application for adr	ninistrative
approval is accurate and	I complete to the best of my knowledge. irred information and notifications are sul	I also understand that no action will be	
Note: \$	statement must be completed by an individual w	ith managerial and/or supervisory capacity.	
Mark A. Fairchild	Mark A. Fairchild	Sr. Operations Engineer	1/22/2012
Print or Type Name	Signature	Title	Date
	•	MFairchild@Concho.com	

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

Л.	PURPOSE: Secondary Recovery Application qualifies for administrative approval?	Pressure Maintenance Yes No	X Disposal Storage
ΛI.	OPERATOR: COG Operating, LLC.		
	ADDRESS: 550 West Texas, Ste 10	0, Midland TX 79701-428	7
_	CONTACT PARTY: Mark A. Fairchild		PHONE: 432-686-302 1
MII.	WELL DATA: Complete the data required on the re Additional sheets may be attached if		posed for injection.
ΛV.	Is this an expansion of an existing project? If yes, give the Division order number authorizing the state of	Yes No	
X.	Attach a map that identifies all wells and leases with drawn around each proposed injection well. This circ		vell with a one-half mile radius circle
VI.	Attach a tabulation of data on all wells of public reconsuch data shall include a description of each well's technique of any plugged well illustrating all pluggi	ype, construction, date drilled, location,	
√ II.	Attach data on the proposed operation, including:		
	 Proposed average and maximum daily rate and versions. Whether the system is open or closed; Proposed average and maximum injection pressor. Sources and an appropriate analysis of injection produced water; and, If injection is for disposal purposes into a zone of chemical analysis of the disposal zone formation wells, etc.). 	re; fluid and compatibility with the receiving	ne mile of the proposed well, attach a
∕ •VIII.	Attach appropriate geologic data on the injection zo depth. Give the geologic name, and depth to bottom total dissolved solids concentrations of 10,000 mg/l known to be immediately underlying the injection is	or less) overlying the proposed injection	water (aquiters containing waters with
∕IX.	Describe the proposed stimulation program, if any.		
X.	Attach appropriate logging and test data on the well.	(If well logs have been filed with the D	vivision, they need not be resubmitted).
XI.	Attach a chemical analysis of fresh water from two of injection or disposal well showing location of wells a		d producing) within one mile of any
XII.	Applicants for disposal wells must make an affirma data and find no evidence of open faults or any other sources of drinking water.		
XIII.	Applicants must complete the "Proof of Notice" sect	tion on the reverse side of this form.	
XIV.	Certification: I hereby certify that the information stand belief.	ubmitted with this application is true and	correct to the best of my knowledge
	NAME: Mark A. Fairchild	TITLE: Sr	. Operations Engr.
	SIGNATURE: Mark A. Fairchild	DA	ATE: 1-22-2012
*	E-MAIL ADDRESS: MFairchild@Conch If the information required under Sections VI, VIII, I Please show the date and circumstances of the earlier	X, and XI above has been previously sub	omitted, it need not be resubmitted.

III. WELL DATA

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

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

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

XIV. PROOF OF NOTICE

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

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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

WELL NAME & NUMBER: _	Alley No. 1				
WELL LOCATION: 2080	FNL & 860 FWL	E	1	19\$	25E
FOC	TAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE
<u>WELLBORE S</u>	SCHEMATIC		WELL C Surface	ONSTRUCTION DATE Casing	<u> [A</u>
		Hole Size:1	7 1/2"	Casing Size: 13	3/8"
Surface	13 3/8" @ 400	Cemented with: _	450 Class C sx.	or	ft ³
		Top of Cement:	Surface	Method Determine	d: Visual Circ
			Intermedia	ate Casing	
		Hole Size: 12	1/4"	Casing Size: 9 5/	8"
Intermediate 🔏	9 5/8" @ 1,305	Cemented with: _	950 sx, two stg	or	ft ³
	Cmt Circ	Top of Cement:	Surface	Method Determine	d: Visual Circ
			Production	n Casing	
·		Hole Size:	3/4"	Casing Size: 5 1/2	2"
		Cemented with:	2000 sx Cl H sx.	or	ft ³
		Top of Cement: _	1140'	Method Determine	d: Temp Sy
		Total Depth	,5-32		
			Injection	Interval	
		7,600		et to 8,100	
Production	5 1/2". 17 ppf. £9.362'		Selected Intervals (Perforated or Open I	s by jet perforation lole; indicate which)	

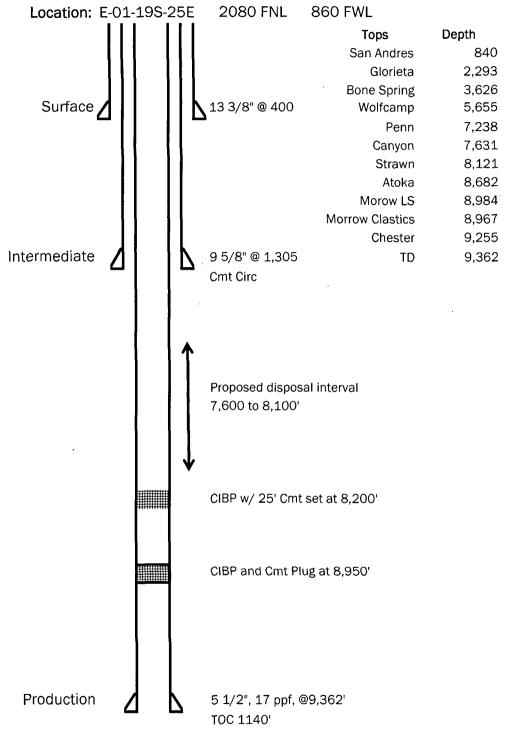
INJECTION WELL DATA SHEET

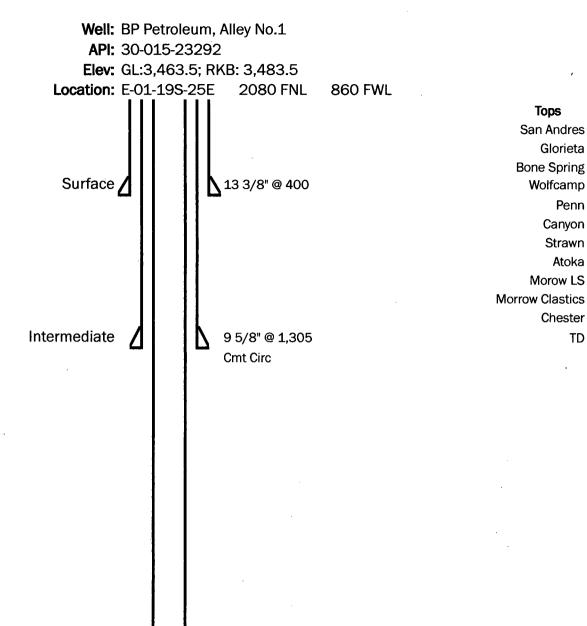
Tul	oing Size:	2 7/8"	Lining Material: Plastic Coating
Ту	pe of Packer	: Double grip typ	pe, set in neutral
Pac	cker Setting	g Depth: no more t	than 100' above top perf
Otl	her Type of	f Tubing/Casing Seal	(if applicable): N/A
			Additional Data
1.	Is this a 1	new well drilled for in	njection? Yes X No
	If no, for	what purpose was the	e well originally drilled? Oil and/or Gas production
	·		·
2.	Name of	the Injection Formation	on: Canyon
3.	Name of	Field or Pool (if appli	icable): N/A
4.		-	ted in any other zone(s)? List all such perforated tail, i.e. sacks of cement or plug(s) used.
	Morro	w, 9,000 to 9,03	36' Form C-103 dated 4-29-92 to show plugging attach
5.		name and depths of a zone in this area:	ny oil or gas zones underlying or overlying the proposed
	Under	lying: Morrow at	: +/- 9,000'
	Overly	· · · · · · · · · · · · · · · · · · ·	eso and Wolfcamp Intervals from approximately
		2,600 to 6,4	400'.



API: 30-015-23292

Elev: GL:3,463.5; RKB: 3,483.5





5 1/2", 17 ppf, @9,362'

TOC 1140'

Production

Depth

840

2,293

3,626

5,655

7,238 7,631

8,121 8,682

8,984

8,967

9,255

9,362

Tops

Glorieta

Wolfcamp

Penn

Canyon Strawn

Atoka Morow LS

Chester

TD

LOCATION AND ACREAGE DEDIL (1) PLAT

All distances must be from the outer boundaries of the Section.

Amo co	o Production	n Co.	Lea	Alley Uni	Lt		Well No.
Unit Letter	Section.	Township		Range	County		
E	1	19 S	outh	25 East]	Eddy	
Actual Footage Lo	cation of Well;						_
2080	feet from the	North	line and		et from the	West	line
3463.5	Producing For Boyd	Morrow	Poo	Morrow		Dedi	Coled Acreage: 320
	he acreage dedica	ted to the au	biect well b	w Colored pencil	or hachure n	naska on the -1	Acres
1. Outine c	tte acieale dedica		oject weit t	y colored pencil (ы пасције и	naire on the br	Rt Delow.
interest s	and royalty).		•				of (both as to working
dated by	communitization,	unitization, fo	rce-pooling.	etc?			owners seen consoil-
Yes	□ No If =	newer is ^{de} ves	" type of co	nsolidation			
		maner is yea	, type or co	##UIIU################################			
If answer	is "no," list the	owners and t	ract descript	ione which bave a	ctually bee	n consolidated	. (Use reverse side of
this form	if necessary.)						
No allows	sble will be assign	ed to the well	until all int	erests have been	consolidate	d (by commun	itization, unitization,
	oling, or otherwise	or until a nor	n-etenderd un	ut, eliminating ou	ch interests	, has been app	roved by the Commis-
sion.							·
,	!'					CE	RTIFICATION
]				i	11		•
				ŀ			y that the information con-
]]		•	1			s true and camplete to the
		1		£	. 1	best of my kne	wiedge end belief.
į	2080			1] [Deta	Shike
L	h+	↓ -				Name.	White
		}	•	i		Nita S Position	. White
	1			i			n. Analyst
	1			}	. ! !	Company	
860'	6			i	1		uction Company
1	i			1		May 1, 199)2
}	i			1		, .,,	· · · · · · · · · · · · · · · · · · ·
	ı						
	t			i		I hemby cert	ify that the well location
	l .	1.		1			plat was plotted from field
1	\$			GINEE" & /	1		of surveys made by me or
1	i	,		TATE CAN	,	, ,	rvision, and that the same serrect to the best of my
	i			2 / 2		knowledge and	
	+	+-	- - -	-676	計 - 十		
]	1		199	1 18	S//		
	1			MAEXICO S		Date Surveyed	1 1000
l				MEX	'		1-1980
	1			ON W. KES		Registered Prote and/or Land Sur	essional Engineer veyor
1	i					111	·
	<u> </u>	·		<u> </u>		Sonli	West
					/	Cartificate No.	JOHN W. WEST 67
0 330 660	190 1220 1680 16	100 231C 2040	2000	1000 1000	اه هو		ATRICK A. ROMERO 64

	ds	
orae C-103		
	20	

______ DATE_ 5/8/ /52

Submit 3 Copies	State of New M	lexice -		
to Appropriate District Office	Egy, Minerals and Natural I	Resources Department		Form C-103 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION	200	WELL API NO.	
DISTRICT II	P.O. Box 20 Santa Fe, New Mexico	87504-2088		
P.O. Drawer DD, Artesia, NM 88210 DISTRICT III		MAY - 8 1992	5. Indicate Type of Lease STA	TE FEE X
1000 Rio Brazos Rd., Azzec, NM 87410		O. C. D.	6. State Oil & Gas Lease No	
(DO NOT USE THIS FORM FOR PRI DIFFERENT RESEL (FORM C	ICES AND REPORTS ON WE OPOSALS TO DRILL OR TO DEEPE RVOIR. USE "APPLICATION FOR P 1-101) FOR SUCH PROPOSALS.)	N OR PLUG BACK TO A	7. Lesse Name or Unit Agre	oment Name
I. Type of Well: OIL GAS WELL X	OBER		Alley Unit	
2. Name of Operator			8. Well No.	
Amoco Production Com 3. Address of Operator	pany •		9. Pool name or Wildcat	
P.O. Box 3092		·	Boyd Morrow	
4. Well Location Unit Letter E : 20:	80 Feet Prom The North	Line and 860	Feet From The W	est Line
Section 1	Township 19-S	Range 25-E	NMPM Eddy	County
	10. Elevation (Show whether 3463.5 GL	er DF, RKB, RT, GR, etc.)	////	
11. Check	Appropriate Box to Indicate	Nature of Notice R	enort or Other Data	
NOTICE OF IN	-		SEQUENT REPOR	RT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERII	NG CASING
TEMPORARILY ABANDON	CHANGE: PLANS	COMMENCE DRILLING	OPNS. PLUGA	ND ABANDONMENT
PULL OR ALTER CASING	_	CASING TEST AND CE	EMENT JOB	
OTHER:		OTHER:		
12. Describe Proposed or Completed Oper work) SEE RULE 1103.	nices (Clearly state all pertinent details,	and give pertinent dates, inclu	ding estimated date of starting	any proposed
MI. RUSU. POH x RxPmpx Spot 100' cmt plug 057 there is no production 5590'-5690' in Wolfcam not to plug this zone	6'-8676' in Atoka (we- here). Spot 100' cmt p. Spot 100' cmt plug	would pagies, age plug 7575' 7675 ' 3575'-3675' in B	to plug this zon in can yon. Spot one Springs (we w	e because 100' cmt plug ould prefer
Glorieta. Spot 100' c		Shoe. Spot 100	' cmt plug 350'-4	50' in Shoe.
Cap x 10 sxs cmt at su	riace.	Tag	uside + outside Tag	5% casing
	Notify N.M.O.C.C	C. in sufficient time t		
	Phaggie	•		
I hereby certify that the information above is tr	tue and complete to the best of my knowledge	and belief.		
SIGNATURE THE SUR	ili	mme Asst. Admin.	Analyst DAT	4-29-92
TYPEORPRINT NAME NITA S W	hite		TRU	SHONE NO. (713)596-
				7639

_				•	^
_	2445	>)	v	t	u
	(EL	,,,	•	•	_

<u></u>	state of New	v Mexico	F	orm C-103
Submit 3 Copies to Appropriate District Office	Energy, Minerals and Natur		~ .600	evised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVAT		WELL ARTHO.	
DISTRICT II	Santa Fe New Mey		30-015-23	3292
P.O. Drawer DD, Artesia, NM 882	:10		5. Indicate Type of Lease STATE	E FEE :
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 8	37410		6. State Oil & Gas Lease No.	
SUNDRY I	NOTICES AND REPORTS (ON WELLS		
DIFFERENT RE	R PROPOSALS TO DRILL OR TO ESERVOIR. USE "APPLICATION RM C-101) FOR SUCH PROPOSA	FOR PERMIT"	7. Lease Name or Unit Agree	ment Name
I. Type of Well OIL GAS WELL WELL	OTHER		Alley Com Gas Unit	
2. Name of Operator	- VIII	,	8. Well No.	
Amoco Production Company			1	·
3. Address of operator			9. Pool name or Wildcat	
P.O. Box 3092, Houston,	Texas 772	53-3092	Boyd Mor	row
4. Well Location Unit Letter E:	2080 Feet From The	North Line and 8	60 Feet From The	West Line
Onn Detter	Teet Floid The	Line and	Teet From The	Line
Section 1	Township 19-S	Range 25-E	NMPM Eddy, NM	1 County :
	10. Elevation (Sho	w whether DF, RKB, RT, GR, etc.) 3463.5 GL	·	
11. Check	Appropriate Box to India	cate Nature of Notice. Re	eport, or Other Data	
	INTENTION TO:	i e	BSEQUENT REPORT OF	F:
DEDECEMA DEMEDIAL MADRA			AL TERINO	CACINO
PERFORM REMEDIAL WORK	PLUG AND ABANDON (REMEDIAL WORK	ALTERING	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	OPNS. PLUG AND	ABANDONMENT L
PULL OR ALTER CASING	J	CASING TEST AND CE	MENT JOB	
OTHER:	.)	OTHER:		
12. Describe Proposed or Completed work.) SEE RULE 1103.	d Operations (Clearly state all persing	ent details, and give pertinent dates,	including estimated date of starti	ng any proposed
PMP 20 SX CMT 7086-7296 X	X PKR X CIBP SA 8950' X TST (20 SX CMT 5503-5713 X 20 S HIND 5-1/2" X IN 5-1/2" CSG X DMOSU 4-7-93.	SX CMT 3476-3686 X 25 SX CM	MT 1120-1343 X PER 390' X	CIRC CMT. CIRC
				0 , -0
				Port ID. 4-36-9 PXH
				4-30-9
				PXA
				, , , ,
•				
I haraby contifu that the information	n above is true and complete to the b	set of my knowledge and halief		
()	above is true and equiplete to the b	STATE AS	SSISTANT	04-13-93
SIGNATURE A PLANIKA	M. Orune	TITLE STATE A	DATE	
TYPE OR PRINT NAME DEVINA N	M. PRINCE		TELEPI	HONE NO. (713) 596-7686
(This space for State Use)	1			
APPROVED BY	Ma	TITLE CHANDONES	ECTOP DATE	JUN 1 6 1993
CONDITIONS OF APPROVAL, IF ANY:		111LE	DATE:	
\bigvee				

Monday, February 20, 2012

Lakewood SWD #3 Re entry procedure.

API: 30-015-23292

Location: E-01-19S-25E 2080 FNL 860 FWL

- 1. MIRU WSU.
- 2. Set up closed loop circulation system.
- 3. Remove dry hole marker and weld on flange type wellhead.
- 4. NU Dbl Hdy BOP, 2000 psig WP, and test to 3000 psig.
- 5. PU Bit, Drill Collars and work string.
- 6. GIH and drill out plugs as follow:
 - a. 350-450
 - b. 1255-1355
 - c. 3,575-3,625
 - d. 5,605-5,705
 - e. 7,188-7,288
- 7. Leave in place CIBP and cement plug at 8,950'
- 8. Run GR/Neu/CCL and make formation tie.
- 9. Perforate Canyon, at 2 jspf as instructed.
- 10. Perform acid ball job to insure all perfs open.
- 11. Swab test to evaluate.

**	Bar Maria Farm	t veil	100 c #2003	Proportion to the training	Hoper a claim web a set	O. Septement County	Yolf Loss Pet. 572 1.4miles Pet. Hops Pet. 572 0.4miles Hops Feb. 18 1.4miles 16 Cent F. 6/055 (The I. Mee)	CAYTON LIVE CONTROL OF THE CONTROL O
$ \downarrow$	e c a gerson s. Vateu	Boeilner, etal	Yorke Pet, etal. 1/2 Crown Central, etal. 1/2	Two Berry Yates Pet HBP 2830	rates rates rates rates rates rates	Worksoneoliky hundu wickson of sul-	YotesPet Brothers Prod 0 P23 Wickson Co inc St Sunth H 1 7011	Yates Organia Control of the Control
	fet,etal v 4801 1772-1742	* 40000	HBC WIZ Yot	LEY "uroses R.S. Stormeto	20488 [06084]	Tales (M. Yales, 12)	Arnquist Est." Arnquist Est." Arnquist Bros. etal	Option petitions of the property of the petition of the petiti
	Antwent 28		Votes Pet Frie Tex 1/4	rates Pet etu (1871) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1882) (1	5 Justice 3 Married 1 St egg	MAWIN MAE	Cimores St. Sinchi & etal (1970) (1970) (1970)	Tour Watshell of the commence
-	UXY SWEET	ates.	Scout Blanco Office Blanco O	W.B.Kincond Lillie Yetes CC DHALLC I'M Yorks Per Votes A	rotes 76. Votes et al 3.94 AZ 2AZ 19514Z IAW W. BM Rester " Wilkinson" 4.AW F L Curtis	6 N. Nesper 100 1 100 100 100 100 100 100 100 100	Constex (Mardtnon's A-71-7013 March Mard March M	Total State of State
;- 1 	Yates Yates		V.Y. L.C. Fullen, Esta Git	33 Bentis Melieck Capocock Spirel Int. Sport Yates Fire. ptal Ministration	Xates Pet. et al Yates Pet et al	Votes Per eta . o	1: rotes,etal (Len Mayer) St. Shifth (Costo Plante) 3- 10-2011 Graph (Onia) Children (Director) Proble (Onia) Children (Problem)	
	27912 St	ramerican rig, Fund; antic - Rich)	Yotes Pet. (DIAI-1/14) F312 etal P/8 2363 Yotes Bros. HI	rife 255 Son Yates Pet, et	Morale	TOSSO LA	Signar of Program 12:55 (Call Signar of Program 12:55 (Call Signar of Program 12:55 (Call Signar of Scottlet of Scottlet of Scottlet of Signar of	I BOR OF COLONY VOTES WIGHT THE STATE OF THE
161	U S. PC Mon "Sto	et 5500' ite"AU" Com." State tes Pet , et al	Scort Fed. 70. 36(W.0) 10:05	E. E'all Curno - 35	Gult SAM 3 ST COMMENT CHAIR MADE	16 7014 8 75 7015	10 MD LLC 10 10 17013 (smarex BHL 10 17015 (V 8-2013 BHL 17 17 17015 (0 0 0 0 ppr)	West Verify Tates Pet. Tates Pet. Yates Pet. Saroni (Saroni)
(20) (20) (20)	95151 55151 5 1 0 1 5 7 0 1 8 Yates Pet etal Yat	27912 76 19 KGS :/ S.	Ris Aenas	Glass Trites Pet.	Yare Pet Sur A	Wildering Total 211005/ 1/W m Strambers 11/7/11/6 TC Strombers 10/7/11/6 TC Strombers 10/7/6 TC Strom	I interest Yotes Pet 1/2M. Archood CK Pearce Stal	1 17 453 my G Yotes Welgip , and Morth Yores
<i>ii</i> .	U 5. NGS E-10	\$+, Com. " \$*afe 1 14434	J.L. Hingkle etal 01. Brossha R.E. Gloss B. Nicholas	46.90 11 00 11 11 11 10 10	TO BESO DIA 8-23 31 OF (BTM) LECTOR DIA 8-23 31 OF (BTM) LECTOR DIA 8-23 31 OF (BTM) LECTOR DIA 8-3-2016 ATT (BTM) LECTOR DIA	Yates BHI Park COG	1132 133 7 133.1 213.12 Yanes Palletall Yates Pet, etal	Herestern Wries Pet 13 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17
) *\\$\\	(Nearburg E Yates Pet. L L etal L (Yates Pet, etal C. Foska	Yotes	Vares to Van		Yorks Per Jetal 5 97016	1: 21: 9012 4: 401 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 501 5	112 16-7184 Nadel, et al 10/44-11	Modern Voles Voles Shawner Wilder Voles Wilder Wil
 \$C,	(DE Blockmar)	AFCO Motion y	Yates (ros etal) Age Yores He	(Ma) Yores arol Weed	## 1 201 4 3 201 6 6 1701 Angers 11:17013 1 48 6 6 1 6 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	10.4 COG Op. (Osmion O.1)	MI (#) HI 74 7013 DHALLE	Shaper
י אנ	Pure Ras. (We (Yates Pet.) Ca	W.H. Cony Disc mretos	064488 1 WC	To sere Par	755. COG Op. 177015 0 1 10 9375. 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10 777015 10	Linnett Peak Ligger Marsh	114 YUT JOTICE a YUTES COULL	C COG Street Str
5,610 5,610	Bonnie Martiock, etail Al	ozele odshow vicholps et al oc op los zoi zvia rasken	Ofference U.S. 1855	os. Dugan Productal R P Wild	Anadoria Nearburger Glass	Node: 1 Node: 1 (ong forunch)	1 DRID, LLC COG OF COG OF 147/0-2014 2-9-2014 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72 72-72	
P165	Yates Pet (ZIP Z - 3APH Out	onde f. Forker	PASOYNIAS Pot. atal Oroma Fed (O. Fasken) Patrick API 10 Anoma Fed (S.	54488 honour Marrison, et al. 0	A South A Sout	1949 Bronch BHALLC Chief Stront Stron	Sm.Trs. Cactus	To wingstrain (Men Men) To wingstrain many) To wingstrain many) To wingstrain many) To wingstrain many)
P217	Marshall Sonr . S Vates Po	rcó Morrison i eck, etel	Yartas Pat ata	The following is a second of the second of t	Cimgrex	109415 109415 Cimarex Nadel Pet chell Pet 2017 7014 et al. Pet 2011	yahe cog Or 9 23-7 014 cog Or 51-701	Oper. (Co. Oper.) 8 22-2014
11316 • A	JANW AAMII OFOSKEE Jane Fol	(6. Fasken.)	92845 77 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3155 92748 LOXY 1203	ASM To Marrier	Wircozama J. L. S. 7. 295 Willion	Stock Nearburg Stock Nearburg Stock Nearburg Goctu	Yares Per (Gactis) 1
0E0		er Fed.	(1283) Polo Feb	"Applion "Serrano - Fed" U.S. 18820 1 40	R R Hinkle, etal Mearlurgh		Mc Forland	Ber Cane
***	P706 P115 0 5	03 11 X E-101	67 TA PIOS POS OSE IL CHORES PER		Nearburg COG Op. Forchild 2 9-2014 108200 (Sim.Trs.) Membuanu	O. C.	11:6:2012	Lokewood Yates Pet. Ptd. O'Brion Ob G W. Tierre 10 1013 Yates Pet. Ptd. 9.15-2014 W.M. Tonnyson Mortus
1	M/2 HBC	parejo Boyo	TOTA (WO) NEOTOUTS (WO) NEOTOUTS (Hondo) - (Hondo) - 2004-80y 2 - 39428 - 518M Energy	"Abundan" 155 Pet. U.B. C.C. Gram Hill 164 2-8N B-6-7014	Yates l'et, et al Yates Pet, etc.	O IH Wyorf Dr No	Mewbourne @	Clayton BFOST DIAL 29-16 (wa) Com. Total Special Total Special English of Com. Clayton BFOST DIAL 29-16 (wa) Com. Total 29-16 (wa) T
: ***	2 AMM P162	April LG-86	Usolf Pour	18750 Boud	1/2 ME S	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Mtn. States Santa Fe La In O O O O O O O O O O O O O	Bor Cone 1 Bor Cone 1 Por Cone 1
17. 27.1	Amole Sign	7H F292	9 25 Prichen CC Grin	etal J Fant on (S) J C Grim:			Shackel ford Habanero 1 17 2012 4 14 2013 (Sm.Trs.)	Habonero 714-2014 12-16-2008 Object 12-16-2008
itet a	Approximate Approx	PC ME 2	with sorting the service of the serv	Bonnie Mortock Carne Born	ieman 10.71 7917 10.5 2011	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 11 1912 541 1914 541 1914 55m. 752.)	Vest Medition Vest M
	A Company of the last of the l	Torquina Joe Charge White Yates Per	Jegn Hearburg Pill Hearburg Windrag Ross Ref. 22	Nearburg Prod	churg 2H DAEWHOUTHE PItch	Alexandria of Al	Subject Subj	
	mad pulse from	ALIZ STATES IN	winding with the control of the cont	P.21 Farmon (El Paso Gas Mar Leting 4	Near burg Mowbourne 10 10 10 10 10 10 10 1	Volume Feb. cm Volume Feb. cm Notes Feb.	Mewbourne Land C W Cho	Color Fri. ctri Roth R
1617 2	rak ataz dicirta - Janyiri		can and table in the property of the contract		A imi	■ 1 × London Program	· vg u, vorat · , g of R.t. 1977 mail No.	1975 A 10 Lutelle A.Richärd Floyd St. A.W. (188)

Lakewood SWD #3

Wells within area of review that penetrate proposed disposal interval:

Algnet

Plugged Wells within area of review:

API #: 3001524163 Well Name: ANDERSON # 001

Location: J-1-19.0S-25E, 1980 FSL, 1980 FEL Lat:32.6881234056 Long:-104.436307982

Operator Name: ANADARKO PETROLEUM CORP County: Eddy

Land Type: Private Well Type: Gas Spud Date: Plug Date: 2/8/1994 1

Elevation GL: Depth TVD: Plugging Detail: (Attached)

API #: 3001500109 Well Name: BH MATLOCK Property Number.: 001

Location: N-1-19.0S-25E, 660 FSL, 1980 FWL Lat:32.6845181067 Long:-104.440536422

Operator Name: PAN AMERICAN PETROLEUM CORP County: Eddy

Land Type: Unknown Well Type: Oil Spud Date:1/1/1900 1 Plug Date:1/1/1900 1

Elevation GL: 0 Depth TVD: 0 Plugging Detail: Not Available

API #: 3001500107 Well Name: EDDY ST AC Property Number.: 001

Location: L-36-18.0S-25E, 1980 FSL, 660 FWL Lat:32.7027670707 Long:-104.444846331

Operator Name: GULF OIL CORP County: Eddy

Land Type: State Well Type: Oil Spud Date:1/1/1900 1 Plug Date:1/1/1900 1

Elevation GL: 0 Depth TVD: 0 Plugging Detail: Not Available

(9°

COG Oper	rating, LLC proposed SW	D reentry to dispose into the Canyor	n from 76	00 to 8	100 feet						
All wells b	pelow within 1/2 mile of th	e Alley #1 are proposed wells to the	Blinebry	format	ion at ap	prox 28	00 feet T	VD.			
3001523292	ALLEY 001	AMOCO PRODUCTION CO	2080	N	860	W	Е	1	19.0S	25E	30-015-23292
API	WELL_NAME	OPERATOR:	FTG_NS	NS_CD	FTG_EW	EW_CD	OCD_UL	SECTION	TOWNSHIP	RANGE	Dist
3001539613	LOUISIANA 1 FEE 001	CIMAREX ENERGY CO. OF COLORADO	2310	S	1650	W	K	1	19.0S	25E	1,186
3001539643	LOUISIANA 1 FEE 002	CIMAREX ENERGY CO. OF COLORADO	2310	S	2310	Е	J	1	19.0S	25E	2,288
3001539614	LOUISIANA 1 FEE 004	CIMAREX ENERGY CO. OF COLORADO	1650	S	2310	W	K	1	19.0S	25E	2,119
3001539644	LOUISIANA 1 FEE 005	CIMAREX ENERGY CO. OF COLORADO	990	S	1650	W	N	1	19.0S	25E	2,342
3001539608	MONTANA 1 FEE 001	CIMAREX ENERGY CO. OF COLORADO	2310	S	330	W	L	I	19.0S	25E	1,032
3001539962	MONTANA I FEE 002	CIMAREX ENERGY CO. OF COLORADO	1650	S	990	W	L	1	19.0S	25E	1,550
3001539616	MONTANA 1 FEE 003	CIMAREX ENERGY CO. OF COLORADO	990	S	330	W	M	l	19.0S	25E	2,268
3001539781	PINTO 36 STATE COM 001H	COG OPERATING LLC	150	S	380	W	M	36	18.0S	25E	2,281
3001539969	PINTO 36 STATE COM 002H	COG OPERATING LLC	150	S	1700	W	N	36	18.0S	25E	2,383
3001539970	PINTO 36 STATE COM 005H	COG OPERATING LLC	150	S	1040	W	M	36	18.0S	25E	2,237
3001539971	PINTO 36 STATE COM 006H	COG OPERATING LLC	150	S	2230	W	N	36	18.0S	25E	2,617

Anadarko[‡]

Anderson 215/94 50'suitace plug > XXXXXX 30'of 20"-coment to sufface Plug from 410' to 511' -> XXXXX 460' of 1332"- coment to surface 1320' of 85g"- cement to surface Plug From 1232 to 1626' 1- 42" casing stub at 1574' Plug From 2321 to 2988'_ Perts in 45"@ 2438' wolfcamp to @ 5685' Pluj From 5559 to 5737 -> \$ \$ \$ \$ \$ Perfs in 42" at 5737'
Top of 27" thy at 5800' < Tracollapsed 42" casing @ 5800" fer Cement top on 42" @ 6175' f en Penn top @ 7255' Plug From 7063 to 8229 « cunyon top @ 7630' farstran top @ 8140' -27.8" they leak at 8224 Plug From 8739 to 9080' Marrow top @ 8910' Morrau perts 9022-28 Pets in the @ 9080' -L -1.81 profile nipple @ 9089 Blanking plus in profile - 2 43" Baker Luk-set @ 9093' Montes perts 9174-86

COG SENM SWD Well Questionnaires

Date: 1/22/12

By: Mark A. Fairchild, Office: 432-686-3021

Note: Answers to questions in this color

What will be the well name?

Alley No.1, after completion as SWD C-103 will be filed to change name to Lakewood SWD #3

What logs have been/will be run in the well?

Logs will be run as follows: porosity and resistivity

How will you re-enter/drill/convert the well?

re enter

How will you test the mechanical integrity of the casing?

A State of New Mexico supervised MIT test to 500 psig will be run on the tubing/casing annulus.

What size tubing do you plan to use?

The tubing will be 2 7/8" Nominal OD.

How will tubing be internally lined?

The tubing will be internally plastic coated.

What type packer will be used?

A nickel plated compression set packer will be utilized.

Where will packer be set?

To within 50 to 100' above casing shoe.

Will there be any other type of casing/tubing seal?

No.

What is the fracture gradient?

Approx 0.75

Will the well be stimulated?

Yes

If yes, how will the well be stimulated?

Large conventional acid job.

Into what perforated intervals will you inject?

Canyon, 7,600 to 8,100', this interval anticipated to be open hole

× le.)

Date: 2/9/12

What will be the average daily volume injected? 10-15,000 BWPD

What will be the maximum daily volume injected? 20, 000 BWPD

What will be the average injection pressure? Vacuum

What will be the maximum injection pressure?

1520 psig

Will water be trucked or piped to the well?

Piped

What wells will dispose into it?

Various wells owned exclusively by COG on our SWD water line system

Any non-COG wells?

No outside operated water will be disposed of.

What surface facilities (e.g.; tanks, pumps, filters) will be installed?

- 4 750 Bbl water storage tanks, 1 1,000 Bbl Gun Barrel
- 2 500 Bbl steel tanks, 1 400 BHP H pump

Do you have an analysis of the produced water you plan to inject?

No

Do you have an analysis of the formation water into which you'll inject?

How will the geology prevent migration into fresh water zones (e.g., thickness of shale or salt layers)? Various impervious geological barriers exist between the Canyon and the surface.

Will the system be open or closed?
Closed



New Mexico Office of the State Engineer

Currently Active Points of Diversion

(with Ownership Information)

No PODs found.

Basin/County Search:

County: Eddy

PLSS Search:

Q64: SE

Q16: SW

Q4: NW

Section(s): 1

Township: 19S

Range: 25E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

***	120 ch	n - en	es come intaktion	La discourant de maria de mari	Uv4 1 60	Yates Parent	TOWN STEED IN LINE WAY
-	Manager Come of Manager Come of Marchager Come of Marchager Come of Marchager Come of Manager	dortha Baeliner J M Berry		Breusia Nichols Att Brown	4 21 7013	Map Wabbe A Pat. M. B. AMIL	Charles (Applie) of tales Cartillania & Suzzaal "475
	Prt.etal **	Totas Pet. etal. 1/2 Crown Central etal 1/2 HBC E/7	2630 HBP	180 2 81 1/A 1 2 2 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Yates Thundal Hickson dist	YatesPel Brothers Proc 9 P23 Co inc S1 South	Tates Agages Para Para Para Para Para Para Para Par
4.1	Antwert 28 State Park	V B Kineard etal 1682	5 Yates Value tal	TOWNED TOWNED TOWNED	Desten) Yates Pet, V2 7,3 M.:	Constitution of "Arraquist Est."	Postern Feet Vol. 1 Control 170 to 17
	Dinkus "Rumble AXM-St."	Frie Tez 14 OF 136 EM	intes Pet etal 5 (ates Pet etal 5 (As etal 6	Janie As Marpe lates	3-BM 17 2014 Ld Serv 7 18 2015	1 5 3 5045 HI AUH A 40 5013	Suits 1973 of Ingram rial Rolling France Promer Pro
7	/ Amend Pet etgl	OSTITE Jennings, etal HT 1013	Bonnie Yotes Pet Votes 4	Hegiter "Wikinson" AWF Wurtir	30 9" 3" BM Yotes. 10 3393	Complex (Marathon Art 1915) Forthendle Royalty A Malco M. B. K. noaid M. B. K. noaid	Complete Control Contr
F	Yates Pet., 2-M	(HBC) (Belco) S EH M Wilson NWIA (TOTES FED 31) Rio Peccelle Yotes Pet (DIA) WAL FIRE	Yates Pro. ptal Hep Bonne Metion	Yates Pet.etal Yales Pet.etal	13 64 1 vates Polyette 9	1 States (Len Mayer)	Utete Property 1 1 1 1 1 1 1 1 1
2	incoln Fed (Atlantic - Rich)	etal P/B2503 Yotes Bros. 100 Yotes Bros. 100 Yotes Bros. 100 HBC Water Bros. 100 HBC W	Yeso Disc. 1 3 Jx	Margio	709350 1	Gutter ex 111-12 S 1 Sunt 11 S 1 S	tabe to this o Yates wright the Ot you Sheet
CA.	U.S. In State	Your Feed. 1 Secret Feed. 1 HBC Scout Feed. 1 Secret Feed. 1 Secr	Mar aca Rio Pennsin	Penn this CAG Open Vates Pen Cell 189 1 2014 Cell 189 Cel	1113 7/116 1	DMD 11C Underex	Pet
190	55/81 KoS 5/818 I/S. Yotes Pet etal 5/8/2 1/5 21 1/5 AGS Pet etal E-10kS 1/5 Com."	Aut Penasco Suburban Prop. Rio Penasco A.M. Routh Many	R.E. Gilass German Vices Pet Silass German Vices Pet Grant Office Pet Gran	Yates Pet.	totes and the state of the stat	20 Telly 1.06 Oper	State of Sta
- 1	3-016	R.E. Gloss B Nicholas, elai	AEM ALIAN JUNA 11578 Yors, et al one lates Bros.	Dia 23 or ole (Then 1 2 5)	16 TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	135 (1935 graf) Mrs M C Peorce, 251.	LAWIS COMMENT Pet (5) CHILL BE SHEET STATE OF THE STATE O
1132	Yates Pet, Etal E. Forke . D. R. Yates	Varge sta Vares Per MBC	Rio Pecos MZ OGRASS etal	0 10 2012 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2016 15 2	JEA S L A Halos Fe	Nadel, et al	Flarence Sumedan
10.	State Ara Matthew 12 (DE Blackman) / Yates Pet.	R Hinkle etal "Pio Periosco"	(Pg) OL OS Amble 18020 R. (2) Yores and OS Amble 18020 R. (2) Yores and OS Amble 18020 R. (2) Yore and OS Amble 18020	Martiere Aemes 4- 3 20H Vales 0 Con Grant 1 723 20H Anderso 1 723 20H	Bortin at land and a land a land and a land	724 200 Ed th Foreis	Street 1 (19 - 27 / 2014) 12 - 12 12 12 12 12 12 12
J.M.		one of fed (25 pen)	Dugan 4 00 Angsc atal	4-9/2016 Cimera 1 (Northwise (Money) 10 2395	10 4 2015 10:44 11	(00 un legrourg G Einspan	Cus Vates Pet Cus Open Change
202	A L. 1/211 A Nuc no los et al la Yates Petr, COG Op. 10-3 2014	Olfana-lad. n' 2 19121	A Gost Gustiwe RitchEner REGIOSS 3H ORE. GIOSS	Hinte o Harris OB JIII O' R Gloss	of W. Nedgen July 3:355 Autong	TOTOGO 419 7015 11 11 7111 1	to Seet 13 7015 M. Snorth Foreign Torris 11 There of However, 19 192 West
PIES	Morrolat APH [Dooley, etal	Patricks API Totes Pet.	Secure Marrace et al	Control of South A	Newhors Huden Hadle Hadle	DEUL LLC COR tip COR	Comment Tools 1 (1884) 15 Comment Tools 1 Tool
P217		Tate Pet etal (Para de Para de	Voles per Mr Protes Pet) Mr Penesce L-MF Alp Penesce Mr Penesce L-MF Alp Penesce Mr M	A Tork of Share Share All of the Control of the Con	Negrous 4 15-1014 Ave eller Secretaria	Sm. Trs. Pitchs, Yates, etal E Nelson, etal (N Ban'o, e'al	[I G Wilson stall (New Mass) First Exercise List Adj
1 3.60	danny of the state	628 45 62 16 William Addies	Cotton Arrow Arm	Cimares	Gimerry Nuidel. 2:77014 et al. 1717014 A Toll A Toll 1717014 A Toll NASSEN	9 73 7 914 Cd6 Op. 9-17 1014 Att. Marrhurg Stocks	(Co gpr) Upor. 1 2013 C.J D'Autrement
Per Oro) SAET	P337 P103 Warrell-Fed.	Polo-Fed Hard Spell	97748 OXY Congco 97748 OXY Congco 97748 97748 97748 9870 40022	Gintarex 542-2014 Sm. It., RE Glass 422-2014 RR Hinkle, etal	Alkeson Fet: Codes Colone	sheer by to hoot see to W. P. Ingersoll Free to	Yates Per (Latins) 19 to 1014 C f Mack Apple Part C C Hightower claim C C Hightower C C Hightower C C Scheener C C C Scheener C C C C C C C C C C C C C C C C C C C
ill etgt	Counce (Amocognetis to 1470 Liller Petetal Pet	Apros by the comment	hadro fittle (1200fpp) Cartor Feed Cartor	Nadel, clal Negrouse 17.7014 Lakewood (Sm Irs) (Sm Irs)	Mew Joy 2017 Mew Joy 2017 Mary Day	McFarland Santa A Marbob	J bar Cong. MBF Ld Sorv. 8 16 -7014
	NZ HEC WO FILE	on All Negrous Yala Pot Sales Pot	"Abundance" Letes Pet. 'PM.' D.B. at ctal	Touris 79-9014 Touris 100 115 Membusine Was Peter Jone 5 Thomas Mannes	Pitch Ener, etal	(e) (i)	10 1023 Yatas Pet. eta G Ston Oba Tierr
*	Hartoria Yulus Yares Per. Yulus Yares Per. Yulus Yulus Yares Per. Yulus Yares Per. Yulus	Trade Print Euponauer	TAA 2 BN POULCE 11-6 1014 POSTYPHAS Dat Yutes Petr	Yales Pet, etal Yales Pet, etal 8 13 7014 Mewbourne Mewbourne 4 14 7017	Manier state Capit		
de la	# 10167 Pot 10167 Boud -51*	Souther WM Boud etal	The desired by the state of the	A A I I I I I I I I I I I I I I I I I I	1 © (1)	COG Operation	g
WE.	The state of the s	Sales achor Smrt C Grimlan (S)	Segretary 21 Torons	Boyd Studer IN Presture End HE rates ENT IS WITH MEMBER THE COME THE CONTROL OF	Same Fe Lans 's	Limarex E	nergy Company
1	Liber Hall For MRC MESS BULL CONSUMED TO STATE OF STATE O	Money Aniwell Animal An	Nearburg Marchali Plearburg 7 7 2015 Winston 4 0 2013	Forthid S F. 111 246 (6	22 16 2 19 19 19 19 19 19 19 19 19 19 19 19 19	Oxu (15A	hergy Company im Corporation/Yates Brothers
	2 Votes Pet	Whitney Sets Red 2 Per thing Fept	Neorburg Prod (Fixuage)	Symmother S. B. 19'15 Symmother Street Stree	Chira Farm	COG/ Cimares	Vates
rares	TAN SUBSTITUTE	The Mann Common S. The Mann Common S. The Section Section S. The Section Section Section S. The Section Se	(El Paso Gar Pas) Mar keling, 45%	Gerthal Boud Smoder Since John Boud Since John Bou	Mewbarrett, 19 2017 19 24	LOG/ Cimai	CK

February 28th, 2012

New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87504

COG Operating LLC is applying (see attached application) to re-enter the Alley #1 well and convert to the Lakewood SWD #3 as a salt water disposal well described below. As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following proposed water disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Lakewood SWD #3

Proposed Disposal Zone: Canyon (from 7,600' to 8,100')

Location: 2080' FNL & 860' FWL Sec 1, T19S, R35E

Eddy County, NM

Approximate Location: 5-6 miles Northwest of Lakewood, NM

Applicant Name: COG Operating LLC (432) 685-4340

Applicant's Address: 550 West Texas, Suite 1300, Midland, TX 79701

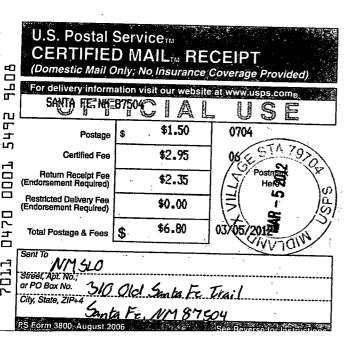
Submittal Information: Application for a water disposal well will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,

Mark Fourchild

Mark Fairchild (432) 686-3021



February 28th, 2012.

Oxy USA Inc. P.O. Box 50250 Midland, TX 79710

COG Operating LLC is applying (see attached application) to re-enter the Alley #1 well and convert to the Lakewood SWD #3 as a salt water disposal well described below. As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following proposed water disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Lakewood SWD #3

Proposed Disposal Zone: Canyon (from 7,600' to 8,100')

Location: 2080' FNL & 860' FWL Sec 1, T19S, R35E

Eddy County, NM

Approximate Location: 5-6 miles Northwest of Lakewood, NM

Applicant Name: COG Operating LLC (432) 685-4340

Applicant's Address: 550 West Texas, Suite 1300, Midland, TX 79701

Submittal Information: Application for a water disposal well will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

U.S. Postal Service TAN

CERTIFIED MAIL... RECEIPT

(Domestic Mail Only: No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

Hidisant = TX679710 C A S E

Postage \$ \$1.50 0704

Postage \$ \$1.50 0704

Return Receipt Fee (Endorsement Required)

Restricted Delivery Fee (Endorsement Required)

Restricted Delivery Fee (Endorsement Required)

Total Postage & Fees \$ \$6.80 03/05/2012

Sent To Ou USA Inc.

Sireet, Apr. No. P.O. Box So 250

City, State, 2IP-4

Midland, TX 79710

DSSEGNABUL Analysis And TX 79710

DSSEGNABUL Analysis And TX 79710

Sincerely,

Mark Fairchild (432) 686-3021

Mark Frienduld g. O.

February 28th, 2012

Yate Petroleum Corporation Attn: Michelle Taylor 105 S. 4th St. Artesia, NM 88210

COG Operating LLC is applying (see attached application) to re-enter the Alley #1 well and convert to the Lakewood SWD #3 as a salt water disposal well described below. As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following proposed water disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Lakewood SWD #3

Proposed Disposal Zone: Canyon (from 7,600' to 8,100') Location: 2080' FNL & 860' FWL Sec 1, T19S, R35E

Eddy County, NM

Approximate Location: 5-6 miles Northwest of Lakewood, NM

Applicant Name: COG Operating LLC (432) 685-4340

Applicant's Address: 550 West Texas, Suite 1300, Midland, TX 79701

Submittal Information: Application for a water disposal well will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,

M**ark Fairchild** Mark Fairchild

Mark Fairchild (432) 686-3021



February 28th, 2012

Cimarex Energy 1700 Lincoln Street, Suite 1800 Denver, CO 80203

COG Operating LLC is applying (see attached application) to re-enter the Alley #1 well and convert to the Lakewood SWD #3 as a salt water disposal well described below. As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following proposed water disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Lakewood SWD #3

Proposed Disposal Zone: Canyon (from 7,600' to 8,100')

Location: 2080' FNL & 860' FWL Sec 1, T19S, R35E

Eddy County, NM

Approximate Location: 5-6 miles Northwest of Lakewood, NM

Applicant Name: COG Operating LLC (432) 685-4340

Applicant's Address: 550 West Texas, Suite 1300, Midland, TX 79701

Submittal Information: Application for a water disposal well will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

U.S. Postal Service TM
CERTIFIED MAIL MRECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.come

DENVER CO 80203 C A STATE STAT

Sincerely,

Mark Fairchild (432) 686-3021

February 28th, 2012

Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220

COG Operating LLC is applying (see attached application) to re-enter the Alley #1 well and convert to the Lakewood SWD #3 as a salt water disposal well described below. As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following proposed water disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well: Lakewood SWD #3

Proposed Disposal Zone: Canyon (from 7,600' to 8,100')

Location: 2080' FNL & 860' FWL Sec 1, T19S, R35E

Eddy County, NM

Approximate Location: 5-6 miles Northwest of Lakewood, NM

Applicant Name: COG Operating LLC (432) 685-4340

Applicant's Address: 550 West Texas, Suite 1300, Midland, TX 79701

Submittal Information: Application for a water disposal well will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,

Mark Fairchild T. O.

Mark Fairchild (432) 686-3021

ם	U.S. Postal S CERTIFIED (Domestic Mail O	AM C	IL _{to} R				vided)	
7	For delivery information CARLSBAD, NA		it our web	site	at www.u	sps.c	om _®	4.5
1	Postage Certified Fee Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postage & Fees	\$	\$1.50 \$2.95 \$2.35 \$0.00 \$6.80	-	0704 06 03705/	Postmi -Here		7070
777	City, State, ZIP+4		os eene					

Affidavit of Publication

State of New Mexico, County of Eddy, ss.

Kathy McCarroll, being first duly sworn, on oath says:

That she is the Classified Supervisor of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county, that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

March 1

2012

That the cost of publication is \$46.09 and that payment thereof has been made and will be assessed as court costs.

Subscribed and sworn to before me this

2nd day or Mure

2012

My commission Expires on May

18,2015

Notary Public



March 1, 2012

Legal Notice February 27, 2012

COG Operating LLC is applying to re-enter the Alley #1 well and convert to the Lakewood SWD. #3 as a water disposal well. The Lakewood SWD. #3 well is located at 2080. FNL 860. FWL, Sec. I. 7. 19 S., R. 25 E., Eddy County, NM. The well will dispose of water produced from oil and gas wells into the Canyon zone at a depth of 7.600' to 8;100'at a maximum pressure of 1.520 psi. Interested parties must file objections or requests for hearing with the NM Oil Conservation. Division, 1220 South Saint Francis Dr., Santa-Fe, NM. 8750-within 15 days. Additional information can be obtained by contacting Mark Fairchild, COG Operating LCC, phone in number 1s. (432-686-3021.

CMD : OG5SECT

ONGARD INQUIRE LAND BY SECTION

03/09/12 10:03:38 OGOWVJ -TPIV PAGE NO: 1

Sec	:	01	Twp	:	19S	Rng	:	25E	Section	Type	:	NORMAL
-----	---	----	-----	---	-----	-----	---	-----	---------	------	---	--------

4	3	2	1
39.65	39.75	39.85	39.95
Fee owned	Fee owned	Fee owned	Fee owned
		A A	A A
E	-		- H
40.00	40.00	40.00	40.00
\mathscr{O}'			
Fee whed	Fee owned	Fee owned	Fee owned
A PA			
			_
O1 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06

CMD : OG5SECT

ONGARD INQUIRE LAND BY SECTION

03/09/12 10:03:58 OGOWVJ -TPIV PAGE NO: 2

Sec : 01 Twp : 19S Rng : 25E Section Type : NORMAL

L	K	J	I
40.00	40.00	40.00	40.00
Fee owned	Fee owned	Fee owned	Fee owned
A A	A A	A A	
M	 N	0	
40.00	40.00	40.00	40.00
,			
Fee owned	Fee owned	Fee owned	Fee owned
7. 7.			
A A	A A A	A C A	
DEA1 HELD DEA1	DEGO EVID	DE04 Come DE05	DE0.6
F01 HELP PF02		PF04 GoTo PF05	PF06
F07 BKWD PF08	FWD PF09 PRINT	PF10 SDIV PF11	PF12

CMD : OG5SEC2 ONGARD
VIEW LAND BY ULSTR

03/09/12 10:04:33 OGOWVJ -TPIV

PAGE NO: 1

Sec : 1 Twp : 19S Rng : 25E Cnty1 : Eddy

Cnty2 :

Cnty3 :

U L	ot/ Qtr		SRF SUB	ACTIVE	Bene	R	EMARKS	
L T	rct Qtr	ACREAGE	OWNER	LEASE #	(1	may show	restrictions	codes)
A 1		39.95	FD FE					
B 2		39.85	FD FE					
C 3		39.75	FD FE					
D 4		39.65	FD FE					
E	SW4NW4	40.00	FE FE					
F	SE4NW4	40.00	FE FE					
G	SW4NE4	40.00	FE FE					
H	SE4NE4	40.00	FE FE					
I	NE4SE4	40.00	FE FE					
J	NW4SE4	40.00	FE FE					
K	NE4SW4	40.00	FE FE				•	
	M0002	: This i	s the fir	st page				
PF01	HELP	PF02 PRE		EXIT	PF04 GoTo	PF05	PF06	5
PF07	BKWD	PF08 FWD	PF09	PRINT	PF10 SDIV			2

CMD : OG5SEC2 ONGARD VIEW LAND BY ULSTR 03/09/12 10:04:42 OGOWVJ -TPIV PAGE NO: 2

Sec : 1 Twp : 19S Rng : 25E Cnty1 : Eddy

Cnty2 :

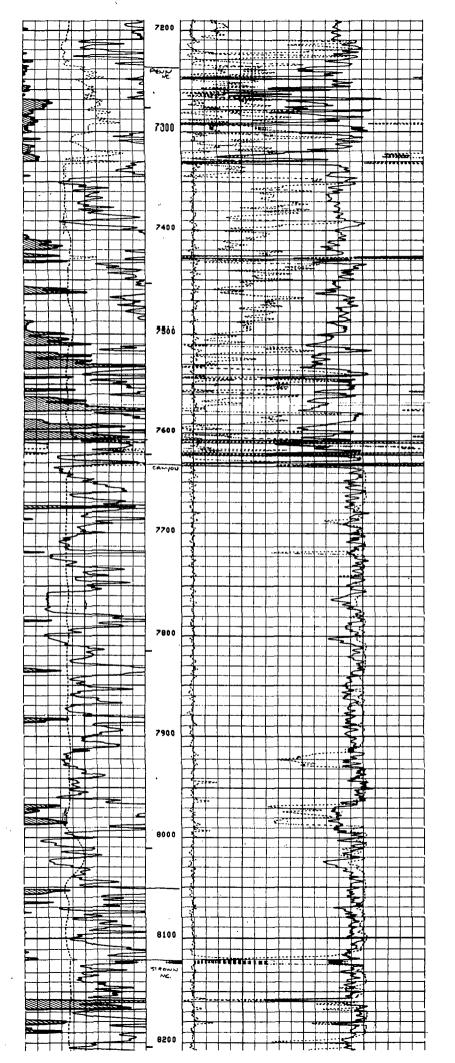
Cnty3:

U Lo	t/ Qtr		SRF SUB	ACTIVE	Bene REMARKS
L Tr	ct Qtr	ACREAGE	OWNER	LEASE #	(may show restrictions codes)
	NW4SW4	40.00	FE FE	·	
M	SW4SW4		FE FE		
N	SE4SW4	40.00	FE FE		
0	SW4SE4	40.00	FE FE		
P	SE4SE4	40.00	FE FE		

M0001: This is the last page

PF01	HELP	PF02	PREV	PF03	EXIT	PF04	GoTo	PF05	PF06
PF07	BKWD	PF08	FWD	PF09	PRINT	PF10	SDIV	PF11	PF12

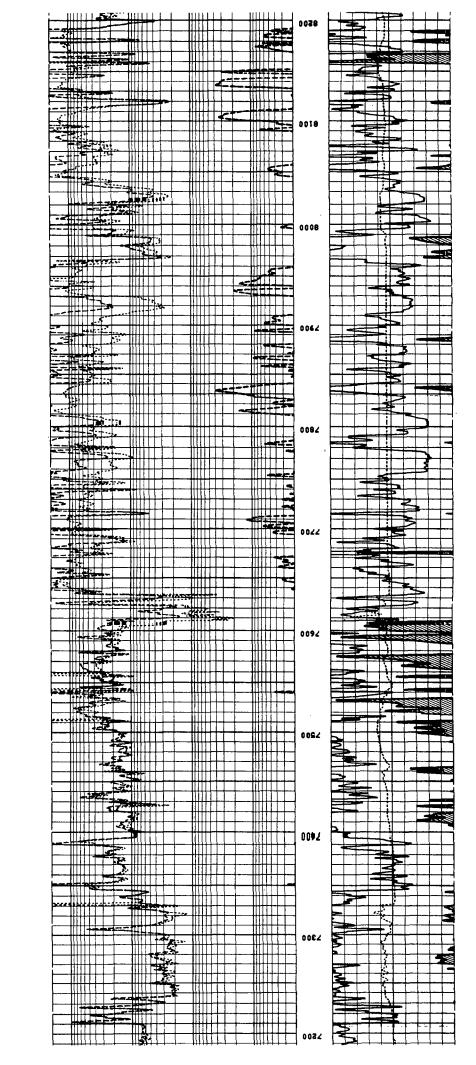
1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303 1303	COUNTY EDDY STATE NEW MEXITY OF THE \$ 969 FML 5 Other Series OTHER THAN NO BEEL TWO BEAUTY OF THE THAN THAN THE THAN TH	SCHUMENTINE FORMATION DENSITY FORMATION COMPANY ANOCO PRODUCTION COMPANYRES INED ALLEY UNIT #1 WELL ALLEY UNIT #1 WELL UNDESIGNATED MORROW WELL UNDESIGNATED MORROW	
RUN NO. ONE Service Order No. 127632	Īype log	Bapth	i
Fluid Lavel Solinity, PPM CL. 90000 Speed - F.P.M. ICCUIPMENT DAYA			
Dens. Pone! 200 Dens. Carl. Dens. Skid. 1116 Dens. Sonde			
Dens. Source	REMARK	5)	
Dems Source 3466 Dems Calibrator 255 Neut. Fone 200 Neut. Gart. 1693 Neut. Source 545 Neut. Calibrator 1694 Get Cart. 2114			
Memorizer Panel 431 Tape Resorder (TTR) 1702 Depth Encoder (DRE) Pressure Wheel (CPW)			
Centralizers: Type Enter Spring, Standorfts, In-line, or None \$. O. — Inches			· -
CALIBRATION DAYA BKG, CPS Source CPS			
Sons. Cal T. C. Cal Short Spacing - Sefare Lag Long Spacing - Sefare Lag			
O Short Spacing - After Log Long Spacing - After Log Pt Before Log			-
R → After Log	LOGGING DATA		
DEPTH CNP Top Bottom Scale Matrix	Auto Corr. or Percelty Grain Liquid Hole Size Setting Scale Density Density	Hole Sens. Fluid Logged T. C. Zero. Scale Fluid Logged T. C. Dly: 100 Dly	-
			- - -
All interpretations are opinions based on interesces frame- pretrians, and we shall not, except in the case of pre- surtained by anyone receiving from any interpretation or Jerms and Conditions as set sail in our current Price.	electrical or after measurements and we comed, and de net gueste or willful negligence on our part, be liable or responsible for an able by any of our officers, agents or amployees. These interpretelected standards	antee the eccuracy or correctness of any inter- y less, each, damages or expenses incurred or nt are also subject to Clause 4 of our Openeral	•
	PARAMETERS		
NAME UNIT, VALUE	HARE UNIT VALUE HARE	UNIT VALUE	
HC CALI MBEN G/C3 2.710 BHF HATE DD 0.0	PSHR 8.260 BS FD G/C3 1.100 MATR BMS CASE FPHI		
GR (GAPI)	-0.050 D.4500	<u> </u>	
GR (GAPI)	0.3000 RHOB G	-0.100 /C3)	
199.0	FILE	3.000	-
 	4		

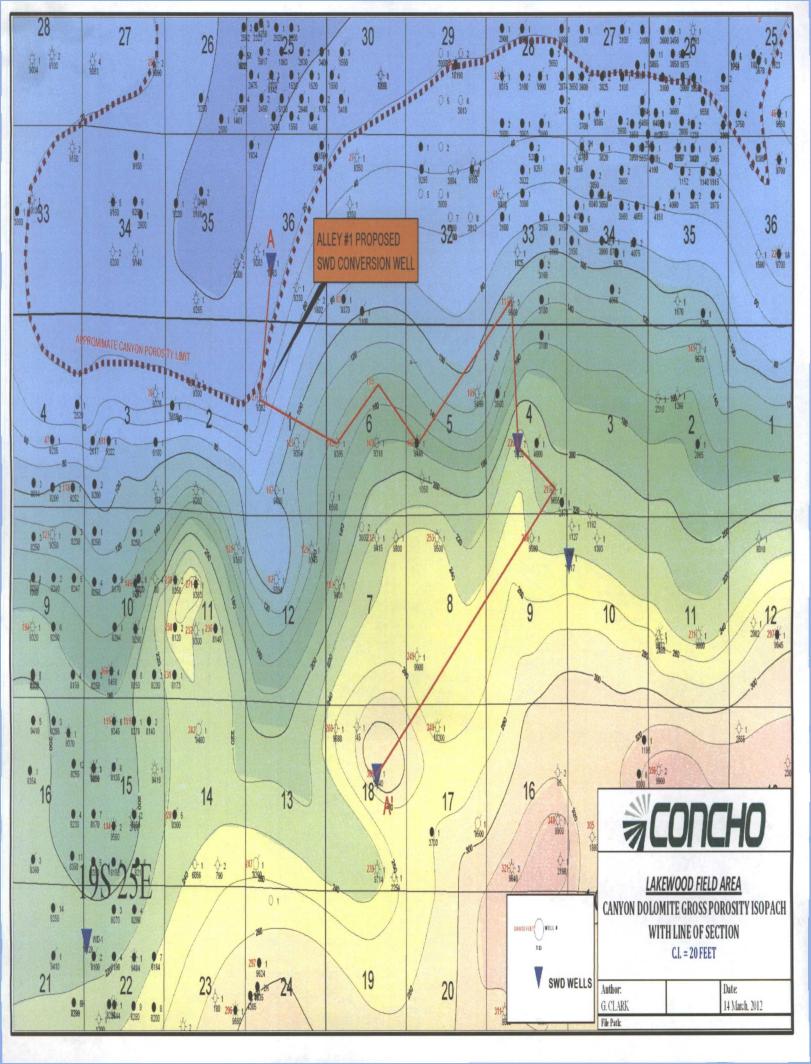


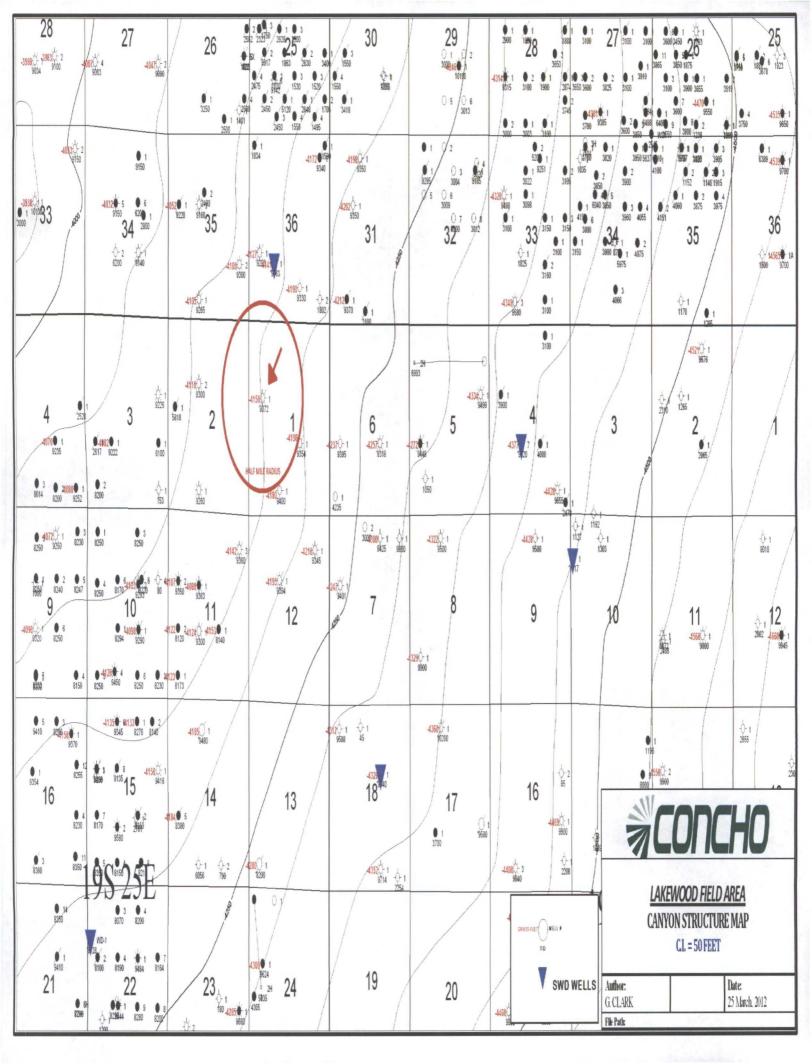
Total of Mr. FL. BEE, GM EX		80	154	E lagger on Bottom 1600		1. @ 1. 0 (1. 0 12.4.) W. 1. 0 1. 0 1. 0 1. 0 1. 0 1. 0 1. 0 1	Source: Red Rose M	4. 99	06 @ 86 7 @ 7	- 071@86 F			3	35 4 6	Type Ruid in Hote DRISPAC LQID-KCI	8 3/4	Casing-Logolar 1303	A 2/06 1202 B	PV61 - 10/2	Ten (man red 1202		3	Dearth Driller 9372	Dan No.	DB-12-20		9.1	DOD THE PROPERTY OF THE PARTY O	77	CL OF 2" 8HO		1 19-5	PA APPRENIAL NO. SEC. TWP WANGE	ж.	A	I.I.	E COUNTY COURT	T T T T T T T T T T T T T T T T T T T	P FIELD UNDESTANATED TOTAL	00	ED WELL ALLEY UNIT #1	7	_	COMPANT	CO	I		WICRO.ST	υ		\$ 70.000	
	_	_	ME	*	_	-		-		•	_	ī	_	-	ıll	ne	m	, I	oc	atic	•	on	ď	bo	70	o			701	nce	ď	at q	w	re	fur	_		_		_	usto	~	7.	_	_	_	_	_		_	_	= =
1			ô		N	-	_	_	_	_	_	7		UR 12	Ž	63	2			_	_	_		_	Τ	_	_	=	_		L	_	=		_	I	SC. Typ	A)	 		AN	GI De	S pth	_	1 5	cole	Up	Hele	Be	ole () own	· He
ŀ	7	Π'n,	7		α.	_		_	_	_	_	-			10		_		E	_	_	_	_	_	ł	_	_	_	_		£	_	_	_	_	ł	_		_	_	E	_	_	_	L	_			Ì	_		_
P	О	Uiř	М	Z		žΑ	Z		_	_	_	7	_	70	8		_	_	_		_	_			T		_	=		_	ī	_	_	_	Ξ	Ŧ	_				Г		_	_	F	_	_		Ŧ			
	arr	a (:	SRP) DL	-	_	_	_	_	_	_	4	_	л	7		_	_	F		_	_	_	_	Ŧ	_	_	_	_	_	F	_	_	_	_	Ţ		_	_	_	Ë	_	=	_	F		_	_	Ŧ			_
		Hid	9	(SR	2)	Ξ	_		_		_	4	_	1	1	Ō	_	_	L	_	_	_	_		t		_	_		_	t		_		_	1	_	_	_			_	_		1	_			1		_	_
	lon lon	de	(DL (SR	5) 5)	_	-		-	_		-	1	_	6	3		_		-		-			_	t	_		_	_		H	-	_			t	_	-	_	-	_			-	_	-	_		٠,	_	_	-
i i	~~	er I	tiec	troc	de I	DL	E)	_	_		_	4		43	П	_	_	1	F		_	_			Ŧ	_	_	_	_	_	F	_	_			Ŧ	_			_	_	_			_		_		_			_
ľ	Ġ,		ece	Po	1 (TR.)		_	_	_	_			Ō	2	_			_	_	_	_	_	‡	_	_	Ξ	_	_		_	_	_		1	_	_	_	_	_	_	_	_		_	_		_	_	_	_
ı	≂		• ¥	ode Vhe	əl (Ć	W)		_	_	_			_	_	_				_	_	_	_		t	_	_	_		_	L	_	_	_	_	t	_	_	_			_				_					_	_
ľ	me	r Si	ten	g. Yon			×	yp lo	•		_	4	_ !	ç	1E	=	<u>_</u>	-	L	_	_	_	_		F	_	_	_		_	-	_	_	_		Ŧ	_		_			_	_		_				_		_	
Ļ	n-H	۰۵۵۱ ۲۰۰	07	Von		_	1	. 7), [nc	w		_	,		_		_		_	_			_	ľ		_	_	_	_		_	_		_	1	_	_	_		_	_	_		_	_	_	_	_			_
ľ	Δ	GI	đΔ I	Ίζ	ď	o.	c	ş	_	_	_	I	_	_		Ξ	_			_	_	_	_	_	T	_	_	_	_	_	L		_		_	1	_		_	_		_	_				_		_	_	_	
ŀ	7	_		Ĝ		Y!		ď	Ì.	_	_	1			_	_			L	_	_	_	_	_	1		_	_	_	_	ļ	_	_		_	4		_				_				_			_	_		
t		G			3	nsi	tivi		_		_	7	_	_		_	_		Г	_	_		_	_	Į	_	_	_			F		_		_	1	_	_	_	_	_	_	_		_		_		_	_	_	_
Į		-		- (Sc 7.				Di	iv.	_	4		_	_	_	_		L	_	_	_	_	_	t		-	_	_	_	\vdash	-	_	_		t	_	_	_	_	_	_		_	_			_		_	_	
F	*	ed I	PA SM	Ш	Ó	ĕ	TI		ρ¢	2	A T	U	RF	_	_	_	_	_	L	_	_	_	_	_		_	_	_	_	_		_		_	_	Ŧ	_	_	_	_	_	_	_	_		_	_		_	_	_	
L	im		1991	ing	HQ	48_		<u>uri</u>	_			Ĭ	-	_		_	_		Γ	_		_	_	_	L	_	_	_	_	_	Γ		_	_	_	1	_	_	_	_		_	_		_		_				_	
Г	lim	e Le	net i	off Off	Bo	tto	<u> </u>	_		_		1	_		_	_	_		E	_	_	_	_	_	t	_	_	_	_	_	t		_		_	t		_		_	_	_	_	_	_		_		_	_		_
	Hali	anc	• T	of h	, Ti		m,	-	_	-	_	+	_	-	_	-		-	H	_	_	-			╀	_	-	_	_	-	+	-		_	_	ł	_	_	_		_		_		_	_			_	-		
ľ	Th	ern	юп	ele	rψ	١_		_	_		_	7	_			_		-	F			_		F	F	_	_	_		°F	F		_	_	°F		_	_	_	_	_	_	_		_		_	_	_			_
t	- 76	-		-	-	3			-	_		1	_		_			'n	E	_	_			ř	ľ	_	_	-		F	L	_		_	ŕ			_		_		_	_			_	_		Ξ			_
H	W ST	H	٩	¥	DI D	100	٠	Ш	M	Ц	E	Ц	_	_	_	_	a	M	_	-	_	_	ñ	M	Т	_	_	_	<u>.</u>	M	Т	_	_	_	M	ł	_	_		_	_	_	-		_	-	_	_	_		_	
P	ĕΥ	ATI	- R	w ((D)	00	7	_	e in	en.	_	I		n I	nfe	707	Ω.	1.0	Ç	olor	rk	_	Ω	M	<u>.,</u>			,,,,,,	C)	W	ŗ		,,,,,		and	Ţ	001		070	nte	the	acc	V/OC	, .		01100	loss	- 01	987	lat	1.	
I		pro tus	tale.		9 .	.,	* **	ree!	ne vhi	n, i	fre	ert M	ia eny	the let	107		-	er.	**		dii Y	lu! Eny	no el	lig	Jen Vr (file			pe.	rt, 1		liabl mplo	,,,,	, T	01PG	on ile	le f	lar ratai	eny	les er	the I. co	116. • 14	dam	1 10		lause	4	i	acur ur G	rad lener	er al	
L	_	197	~	- 10		ee (1	-		• •	2 (, pł	IA	gv	7 6	***	ent	-	49	×	ř	Ĺ	ť			-	-	-	_	-	-		-	-	-	-	-	_	_	-		-	-	-			-	-	-	_	_		
	÷				•																_	8																														
		_				_																٠																														

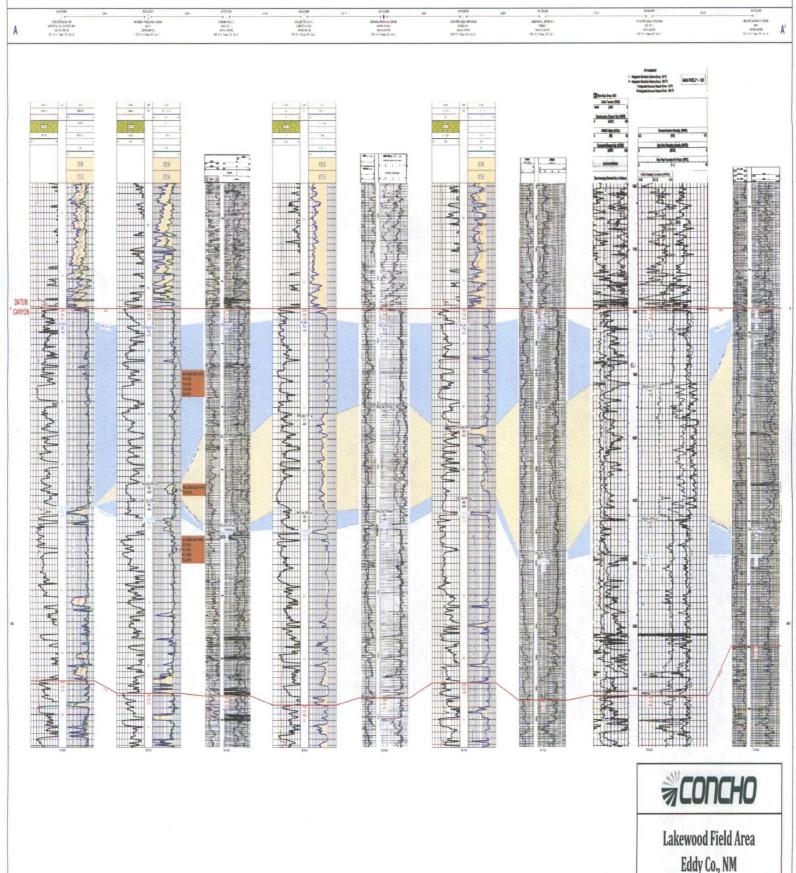
		PAR	AHETERS				
MANE UN	IIT VALUE	NAME	UNIT VALUE	MAME	TINU	VALUE	
FPH1 DO	PHIX 0.0	SPT BHS	STAN DPEN	26	INCH	7.875	
GR ((GAPI) 200.0	20	LLE COM	E00000			
6,000	16.00	· ö.	2000	U.S. SDI			2000.
Q. GR	(GAPI)		2000	715 75	@D		2000

FILE









Eddy Co., NM

A - A'

Stratigraphic X-Section
(Alley #1)

001		
O.Clark		

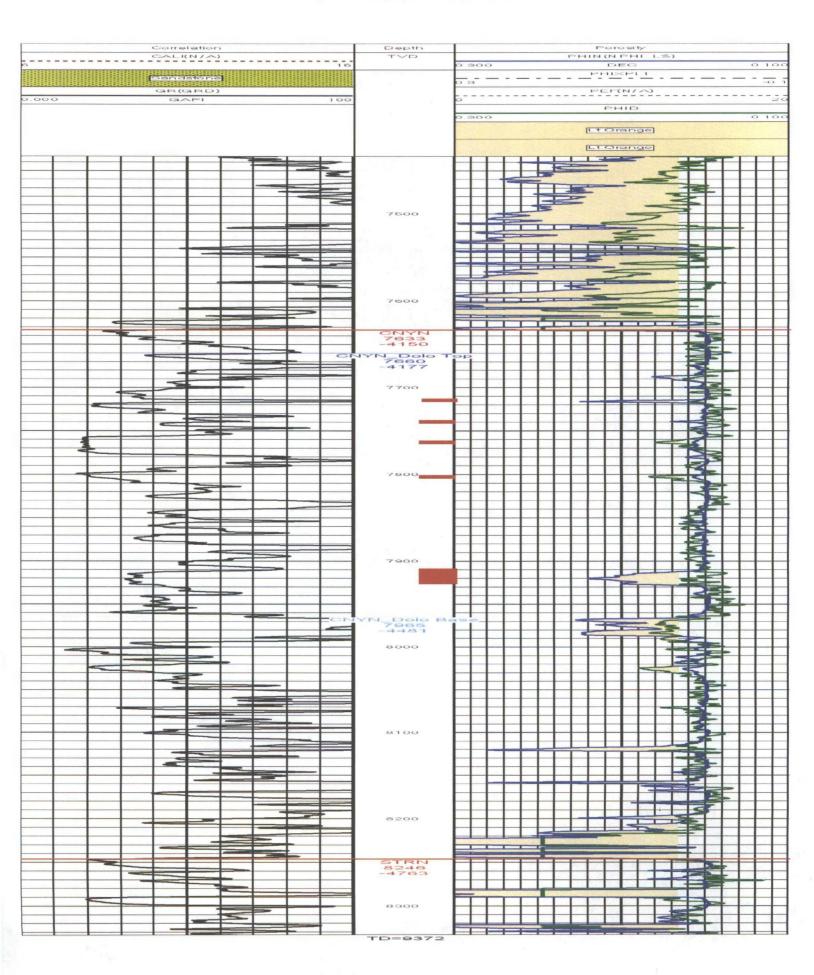
Vertical Scale: ["=40.0"

ote: March 2012

File Path. GC_Yeso Shelf Trend/GC_SWD_LAKEWOOD_ALLEY_

XSEC 4XMOCD red

300152329200 BP AMERICA PRODUCTION COMPANY ALLEY 1 2080 FNL/850 FWL TWP: 19 S - Range: 25 E - Sec. 1



Lakewood SWD - All Wells Within A Two Mile Radius of the Alley #1 Well (BP)

				elis Within A Two Mile Radius of				Constitution of the Consti
	Well ID	Well Name	Well Number	Operator			Prod Zone	Location
		WILKINSON	1	RESLER & SHELDON		D&A		TWP: 18 S - Range: 25 E - Sec. 26
		EDDY-STATE AC	1		$\overline{}$	ABD-GW		TWP: 18 S - Range: 25 E - Sec. 36
		EDDY-STATE AC	2			D&A		TWP: 18 S - Range: 25 E - Sec. 36
-			1			D&A		TWP: 19 S - Range: 25 E - Sec. 1
	300150011000	CA LAND & CATTLE CO	1			ABD-OW		TWP: 19 S - Range: 25 E - Sec. 2
		FEDERAL AK	1	·		OIL	WFMP	TWP: 19 S - Range: 25 E - Sec. 3
		SCOUT	1			OIL	PDCK	TWP: 18 S - Range: 25 E - Sec. 34
	300150593800	YATES-FEDERAL	1			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
	300151016400	JOHN YATES	1			D&A		TWP: 19 S - Range: 25 E - Sec. 3
	300151056100	KINCAID	1			D&A		TWP: 18 S - Range: 25 E - Sec. 36
		FEE AS	1			OIL	GBSA	TWP: 18 S - Range: 25 E - Sec. 25
		GERARD AW	1			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
	300151082800	STATE AU	1	YATES PETROLEUM CORPORATION		ABD-OW		TWP: 18 S - Range: 25 E - Sec. 36
	300151088600	GERARD AW	2			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
	300151089000	AY-FEDERAL	1			OIL	GBSA	TWP: 18 S - Range: 25 E - Sec. 25
	300152000700	WILKINSON AZ	1		_	ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
	300152001600	YATES FEE AS	2	· · · · · · · · · · · · · · · · · · ·		ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
			1				BLBR	TWP: 18 S - Range: 25 E - Sec. 25
	300152011300	NIX-CURTIS BH	2			OIL	GBSA	TWP: 18 S - Range: 25 E - Sec. 25
			1			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 36
~	300152013700	WILKINSON AZ	2			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
CO			1			ABD-OW		TWP: 18 S - Range: 26 E - Sec. 30
بسر	300152033400		1			ABDO&G		TWP: 19 S - Range: 25 E - Sec. 10
	300152043800		1			OIL	PSLV	TWP: 19 S - Range: 25 E - Sec. 3
	300152069200		2			O&G	PSLV	TWP: 19 S - Range: 25 E - Sec. 10
			1			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 35
-	300152103800		1			OIL	PDCK	TWP: 18 S - Range: 25 E - Sec. 34
	300152106500		2			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 26
	300152120400		3			OIL	GBSA	TWP: 18 S - Range: 25 E - Sec. 25
	300152140600		3			OIL	GBSA	TWP: 18 S - Range: 25 E - Sec. 25
	300152141000		3			OIL	GBSA	TWP: 18 S - Range: 25 E - Sec. 25
			3			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
	300152142200	YATES AS FEE	4			OIL	GLRT	TWP: 18 S - Range: 25 E - Sec. 25
	300152143000		4		_	ABD-OW		TWP: 18 S - Range: 25 E - Sec. 25
	300152143400		3			OIL	PDCK	TWP: 18 S - Range: 25 E - Sec. 25
	300152213600		5			J&A		TWP: 18 S - Range: 25 E - Sec. 26
		MORRISON COM	1				GLRT	TWP: 19 S - Range: 26 E - Sec.,5
	300152227200		5X			ABD-OW		TWP: 18 S - Range: 25 E - Sec. 26
	300152227800		4			OIL	GLRT	TWP: 18 5 - Range: 25 E - Sec. 26
	300152228600		4		1550	OIL	GBSA	TWP: 18 S - Range: 25 E - Sec. 25
	300152229300		4		_	ABD-OW		TWP: 18 S - Range: 26 E - Sec. 30
_	300152231100		1			OIL	PDCK	TWP: 18 S - Range: 25 E - Sec. 26
			1			D&A		TWP: 19 S - Range: 26 E - Sec. 7
	300152232800	GUSHWA DR	1		2400	OIL	PDCK	TWP: 18 S - Range: 25 E - Sec. 35
	300152242000 300152264800		1		9318	ABD-GW		TWP: 19 S - Range: 26 E - Sec. 6
-		RIO PENASCO JX CM 1	1			D&A	140011	TWP: 19 S - Range: 26 E - Sec. 6
		FEDERAL '11'	1		9265	GAS ABD-GW	MRRW	TWP: 18 S - Range: 25 E - Sec. 35
	300152302500	METCALF LT COM	1		9300 9370	ABD-GW		TWP: 19 S - Range: 25 E - Sec. 11 TWP: 18 S - Range: 26 E - Sec. 31
	300152307400	RIO PENASCO'MF'FDRL	1		9363	O&G	PSLV	TWP: 19 S - Range: 25 E - Sec. 11
خد	300152322700	RIO PENASCO'KD'COM	1		9260	GAS	MRRW	
	300152329200		1			ABD-GW	MILLIAN	TWP: 19 S - Range: 25 E - Sec. 2 TWP: 19 S - Range: 25 E - Sec. 1
	300152331500	COTTON MXFED	1	YATES PETROLEUM CORPORATION	9480	SERVCE	PSLV	TWP: 19 S - Range: 25 E - Sec. 14
	300152331300	RIO PENASCO KD COM	2		9300	GAS	WFMP	TWP: 19 5 - Range: 25 E - Sec. 14
	300152342600		3		9160	GAS	MRRW	TWP: 19 5 - Range: 25 E - Sec. 2
200	300152342600	RIO PENASCO'OJ'COM	1			ABD-GW	PSLV	TWP: 18 S - Range: 25 E - Sec. 34
		STROMBERG 'OM'	1			ABD-OW		TWP: 18 S - Range: 26 E - Sec. 31
		GLASS	1			ABD-GW		TWP: 19 S - Range: 25 E - Sec. 12
			2		9300	GAS	PSLV	TWP: 18 S - Range: 25 E - Sec. 35
			3		9360	ABD-GW		TWP: 19 S - Range: 25 E - Sec. 11
			1		9226	GAS	PSLV	TWP: 19 S - Range: 25 E - Sec. 3
			1		9354	ABD-GW		TWP: 19 S - Range: 25 E - Sec. 1
		BONNY 'YM'	1		3250	ABD-OW		TWP: 18 S - Range: 25 E - Sec. 26
-	300152587600	GLASS '7E'	1		9401	ABD-GW		TWP: 19 S - Range: 26 E - Sec. 7
	300152599100	ROSE '12A'	1		9345	GAS	STRN	TWP: 19 S - Range: 25 E - Sec. 12
-		SLEEPY	1		9350	D&A		TWP: 18 S - Range: 26 E - Sec. 31
<u> </u>	300152627000	HOME ,er,	1	NEARBURG PROD CO	9395	D&A		TWP: 19 S - Range: 26 E - Sec. 6
	300152778900	RIO PENASCO 'RT'	2	YATES PETROLEUM CORP	6200	D&A		TWP: 18 S - Range: 25 E - Sec. 34
	300152816400		1	NEARBURG PROD CO	9588	D&A		TWP: 19 S - Range: 26 E - Sec. 18
	300152816600		1	YATES PETROLEUM CORPORATION	8173	OIL	PSLV	TWP: 19 S - Range: 25 E - Sec. 11
	300152849900	SCOUT 'EH' FEDERAL	6	YATES PETROLEUM CORPORATION	6202	OIL	WFMP	TWP: 18 S - Range: 25 E - Sec. 34
-	300152889700	OTTAWA 'AOW' FED	3	YATES PETROLEUM CORPORATION	8250	OIL	PSLV	TWP: 19 S - Range: 25 E - Sec. 10
-	300152889800	ARROW 'ARW' 11 FED COM	1	YATES PETROLEUM CORPORATION	8140	OIL	PSLV	TWP: 19 S - Range: 25 E - Sec. 11
	300152919000	OTTAWA 'AOW' FED	4	YATES PETROLEUM CORP	80	D&A		TWP: 19 S - Range: 25 E - Sec. 10
_	300152925500	RIO PENASCO 'MF' CO	2	YATES PETROLEUM CORPORATION	9350	O&G	MRRW	TWP: 19 S - Range: 25 E - Sec. 11
	300152940100	SERRANO FEDERAL	2	YATES PETROLEUM CORPORATION	8120	OIL	PSLV	TWP: 19 S - Range: 25 E - Sec. 11
	300152943100	APOLLO 'APU' FED	3	YATES PETROLEUM CORPORATION	8230	OIL	PSLV	TWP: 19 S - Range: 25 E - Sec. 10
	300152945300	OTTAWA 'AOW' FED	6	YATES PETROLEUM CORPORATION	8220	ABD-OW		TWP: 19 S - Range: 25 E - Sec. 10
-	300152971000	PATRICK 'API'	6	YATES PETROLEUM CORPORATION	8170	OIL	PSLV	TWP: 19 S - Range: 25 E - Sec. 10
-24-	300153171900	YATES 'AS' FEE COM	6	YATES PETROLEUM CORPORATION	9142	GAS	MRRW	TWP: 18 S - Range: 25 E - Sec. 25
	300153190500	METROPOLIS 'AZL' 36 STATE COM	1	YATES PETROLEUM CORP	9363	SERVCE	DVNN	TWP: 18 S - Range: 25 E - Sec. 36
	300153190600	SUBURB 'AZS' 36 STATE COM	1	YATES PETROLEUM CORPORATION	9340	OIL	BLBR	TWP: 18 S - Range: 25 E - Sec. 36
	300153245000	BONES 'BAD'	1	YATES PETROLEUM CORPORATION	9350	GAS	PSLV .	TWP: 18 S - Range: 26 E - Sec. 31
_	300153426800	BERMUDA	1.	CHI OPERATING INC	9800	D&A		TWP: 19 S - Range: 26 E - Sec. 7

(

API Number	Operator	Well Name	TVD	Status	Producing formation
30-015-00111	YATES PETROLEUM CORPORATION	FEDERAL AK 001	0 .	ACTIVE	WOLFCAMP
30-015-00155	YATES PETROLEUM CORPORATION	SCOUT EH FEDERAL 001	0	ACTIVE	SA-YESO
30-015-00255	LEGACY RESERVES OPERATING, LP	ANDREW ARNQUIST ESTATE 001	9178	FLOWING	PENN
30-015-00258	YATES PETROLEUM CORPORATION	NIX CURTIS J F 001	9295	ACTIVE	SA-YESO
30-015-29797	YATES PETROLEUM CORPORATION	SERRANO FEDERAL 003	8400	ACTIVE	MORROW -
30-015-29710	YATES PETROLEUM CORPORATION	PATRICK API 006	8170	PUMPING	UPPER PENN, NORTH
30-015-29431	YATES PETROLEUM CORPORATION	APOLLO APU FEDERAL COM 003	8230	PUMPING	UPPER PENN, NORTH
30-015-29401	YATES PETROLEUM CORPORATION	SERRANO FEDERAL 002	8120	PUMPING .	UPPER PENN, NORTH
30-015-29453	YATES PETROLEUM CORPORATION	OTTAWA AOW FEDERAL 006	8220	PUMPING	UPPER PENN, NORTH
30-015-29048	YATES PETROLEUM CORPORATION	APOLLO APU FEDERAL COM 002	8400	PUMPING	UPPER PENN, NORTH
30-015-29253	YATES PETROLEUM CORPORATION	OTTAWA AOW FEDERAL 005	0	UNKNOWN	UNKNOWN
30-015-29255	YATES PETROLEUM CORPORATION	RIO PENASCO MF FEDERAL	9350	FLOWING	UPPER PENN, NORTH
30-015-28871	YATES PETROLEUM CORPORATION	POLO AOP FEDERAL COM 006	8250	PUMPING	UPPER PENN, NORTH
30-015-29116	YATES PETROLEUM CORPORATION	BOYD BN DEEP COM 005	8300	TEMPORARILY ABANDONED	UPPER PENN, NORTH
30-015-29190	YATES PETROLEUM CORPORATION	OTTAWA AOW FEDERAL 004	0	ACTIVE	UPPER PENN, NORTH
30-015-29191	YATES PETROLEUM CORPORATION	POLO AOP FEDERAL COM 007	0	UNKNOWN	UNKNOWN
30-015-28679	NEARBURG PRODUCING COMPANY	OSAGE BOYD 15 FEDERAL COM 003	8200	SHUT-IN	UPPER PENN, NORTH
30-015-28774	YATES PETROLEUM CORPORATION	BOYD BN COM 003	0	CANCELLED	UNKNOWN
30-015-28775	YATES PETROLEUM CORPORATION	BOYD BN COM 004	0.	CANCELLED	UNKNOWN
30-015-28840	YATES PETROLEUM CORPORATION	APOLLO APU FEDERAL COM 001	8275	PUMPING	UPPER PENN, NORTH
30-015-28897	YATES PETROLEUM CORPORATION	OTTAWA AOW FEDERAL 003	8250	PUMPING .	UPPER PENN, NORTH
30-015-28898	YATES PETROLEUM CORPORATION	ARROW ARW FEDERAL COM 001	8140	ACTIVE	UPPER PENN, NORTH
30-015-28945	NEARBURG PRODUCING COMPANY	OSAGE BOYD 15 FEDERAL COM 006	8128	PUMPING	UPPER PENN, NORTH
30-015-28981	NEARBURG PRODUCING COMPANY	OSAGE BOYD 15 0 7	8170	SHUT-IN	?
30-015-28982	YATES PETROLEUM CORPORATION	PATRICK API 004	8250	PUMPING	UPPER PENN, NORTH
30-015-28992	NEARBURG PRODUCING COMPANY	OSAGE BOYD 15 FEDERAL COM 008	8135	SHUT-IN	UPPER PENN, NORTH
30-015-28592	YATES PETROLEUM CORPORATION	PATRICK API 001	8250	PUMPING	UPPER PENN, NORTH
30-015-28599	NEARBURG PRODUCING COMPANY	OSAGE BOYD 15 002	9580	ACTIVE	UPPER PENN, NORTH / MARROW
30-015-28742	YATES PETROLEUM CORPORATION	POLO AOP FEDERAL 005	8300	ACTIVE	?
30-015-28743	YATES PETROLEUM CORPORATION	POLO AOP FEDERAL 004	9450	ACTIVE	UPPER PENN, NORTH / MARROW
30-015-28753	YATES PETROLEUM CORPORATION	OTTOWA AOW FEDERAL 002	8200	PUMPING	UPPER PENN, NORTH
30-015-28499	YATES PETROLEUM CORPORATION	SCOUT EH FEDERAL COM 006	6202	ACTIVE	WOLFCAMP
30-015-28558	YATES PETROLEUM CORPORATION	BOYD BN 002	8400	PUMPING	UPPER PENN, NORTH
30-015-28164	NEARBURG PRODUCING COMPANY	LAKEWOOD FARMS 18 001	9550	ACTIVE	MARROW, WEST
30-015-28166	YATES PETROLEUM CORPORATION	SERRANO FEDERAL 001	8173	ACTIVE	UPPER PENN, NORTH
30-015-28381	NEARBURG PRODUCING COMPANY	FAIRCHILD 13 003	0	CANCELLED	
30-015-28382	NEARBURG PRODUCING COMPANY	FAIRCHILD 13 004	0	CANCELLED	
30-015-28383	NEARBURG PRODUCING COMPANY	FAIRCHILD 13 005	0	CANCELLED	
30-015-28169	YATES PETROLEUM CORPORATION	POLO AOP FEDERAL 003	8250	PUMPING	UPPER PENN, NORTH
30-015-28170	YATES PETROLEUM CORPORATION	POLO AOP FEDERAL 001	8294	PUMPING	UPPER PENN, NORTH
30-015-27789	YATES PETROLEUM CORPORATION	RIO PENASCO RT 002	6200	ACTIVE	WOLFCAMP
30-015-10335	YATES PETROLEUM CORPORATION	GUY W NICKSON A 001	9200	SHUT-IN	PENN (PRO GAS)
30-015-25876	NEARBURG PRODUCING COMPANY	GLASS 001	9399	SHUT-IN	MARROW, WEST
30-015-25991	NEARBURG PRODUCING COMPANY	ROSE 12A 001	9352	ACTIVE	STRAWN -
30-015-10740	YATES PETROLEUM CORPORATION	YATES AS FEE 001	1859	PUMPING	SA-YESO (ASSOC)

و الم

API Number	Operator	Well Name	TVD	Status	Producing formation
30-015-10800	YATES PETROLEUM CORPORATION	GERARD AW 001	2653	SHUT-IN	SA-YESO (ASSOC)
30-015-10828	YATES PETROLEUM CORPORATION	STATE AI 001	1833	ACTIVE .	SA-YESO (ASSOC)
30-015-24704	YATES PETROLEUM CORPORATION	BONNIE YM 001	3250	SHUT-IN	SA-YESO (ASSOC)
30-015-10886	YATES PETROLEUM CORPORATION	GERARD AW 002	Ο .	PUMPING	SA-YESO (ASSOC)
30-015-10890	YATES PETROLEUM CORPORATION	FEDERAL AY 001	0	ACTIVE	SA-YESO (ASSOC)
30-015-20007	YATES PETROLEUM CORPORATION	WILKINSON AZ 001	5120	PLUGGED AND ABANDONED	SA-YESO (ASSOC)
30-015-20015	YATES PETROLEUM CORPORATION	HORNBAKER BA 001	5219	ACTIVE	SA-YESO (ASSOC)
30-015-20016	YATES PETROLEUM CORPORATION	YATES AS FEE 002	5917	SHUT-IN	SA-YESO (ASSOC)
30-015-20056	YATES PETROLEUM CORPORATION	STARK BG 001	3700	SHUT-IN	SA-YESO (ASSOC)
30-015-20064	YATES PETROLEUM CORPORATION	KINCAID BI 001	3300	TEMPORARILY ABANDONED	SA-YESO (ASSOC)
30-015-20070	YATES PETROLEUM CORPORATION	NIX CURTIS BH 001	3400	ACTIVE	SA-YESO (ASSOC)
30-015-23801	WILDCAT ENERGY LLC	RIO PENASCO KD COM 003	9360	TEMPORARILY ABANDONED	UPPER PENN, NORTH
30-015-24163	ANADARKO PETROLEUM CORP	ANDERSON 001	9365	PUMPING	MORROW (GAS) .
30-015-20113	YATES PETROLEUM CORPORATION	NIX CURTIS BH 002	1702	ACTIVE	SA-YESO (ASSOC)
30-015-23511	YATES PETROLEUM CORPORATION	STROMBERG OM 001	0	SHUT-IN	SA-YESO (ASSOC)
30-015-23580	MESQUITE SWD, INC	ANN SWD 001	9540	SALT WATER DISPOSAL	CANYON
30-015-23978	YATES PETROLEUM CORPORATION	RIO PENASCO RT COM 001	9226	FLOWING	PERMO PENN (GAS)
30-015-20137	YATES PETROLEUM CORPORATION	WILKINSON AZ 002	2450	SHUT-IN	SA-YESO (ASSOC)
30-015-20140	YATES PETROLEUM CORPORATION	NICKSON BM 001	3415	SHUT-IN	SA-YESO (ASSOC)
30-015-20153	YATES PETROLEUM CORPORATION	BOYD BN COM 001	9416	ACTIVE	MORROW (GAS)
30-015-23315	YATES PETROLEUM CORPORATION	COTTON MX FEDERAL COM 001	9480	SALT WATER DISPOSAL	MORROW (GAS)/UPPER PENN
30-015-23426	YATES PETROLEUM CORPORATION	GUSHWA DR 003	9160	ACTIVE '	MORROW (GAS)
30-015-23496	YATES PETROLEUM CORPORATION	RIO PENASCO OJ COM 001	9140	SHUT-IN	MORROW (GAS)/ATOKA (GAS)
30-015-23701	YATES PETROLEUM CORPORATION	RIO PENASCO JX COM 002	9300	ACTIVE	MORROW (GAS)/ATOKA (GAS)
30-015-23726	YATES PETROLEUM CORPORATION	SCOUT EH FEDERAL 005	9150	ACTIVE	RIO PENASCO KD COM 002
30-015-23074	YATES PETROLEUM CORPORATION	RIO PENASCO MF FEDERAL 001	9355	FLOWING	MORROW (GAS)/PERMO PENN (GAS)
30-015-23227	YATES PETROLEUM CORPORATION	RIO PENASCO KD COM 001	9260	FLOWING	MORROW (GAS)
30-015-23353	YATES PETROLEUM CORPORATION	RIO PENASCO KD COM 002	9300	PUMPING	RIO PENASCO KD COM 002
30-015-22972	YATES PETROLEUM CORPORATION	SCOUT EH FEDERAL 004	9063	SHUT-IN	MORROW (GAS)
30-015-23025	YATES PETROLEUM CORPORATION	METCALF LT COM 001	9370	SHUT-IN	SA-YESO (ASSOC)
30-015-20334	YATES PETROLEUM CORPORATION	POLO AOP FEDERAL COM 002	9230	TEMPORARILY ABANDONED	MORROW (GAS)/UPPER PENN,NORTH
30-015-22135	Yates Petroleum Corporation	Stark BG 002	0	Active	Yeso
30-015-22250	Nearburg Producing Co.	Morrison Com 001	6900	Pumping	Glorieta-Yeso
30-015-22311	Yates Petroleum Corporation	Babcock IR 001	0	Pumping	SA-Yeso
30-015-22328	Yates Petroleum Corporation	Gushwa DR 002	0	Pumping	SA-Yeso .
30-015-22420	Nearburg Producing Co.	Liggett Com 001	9280	Pumping	Morrow, West
30-015-22599	Nearburg Producing Co.	Crusader Rabbit Com 001	9500	Pumping	Strawn, West
30-015-22652	Yates Petroleum Corporation	Rio Penasco JX Com 001	9265	Active	Morrow ·
30-015-22116	Yates Petroleum Corporation	Yates Federal 003	0	Shut-in	SA-Yeso
30-015-22272	Yates Petroleum Corporation	Yates AS Fee 005Y	0	Shut-in .	SA-Yeso
30-015-22278	Yates Petroleum Corporation	Wilkinson AZ 004	0	Active	SA-Yeso
30-015-22286	Yates Petroleum Corporation	Gerard AW 004	1550	Active	SA-Yeso
30-015-22293	Yates Petroleum Corporation	Nickson BM 004	0	Active	SA-Yeso
30-015-20400	Yates Petroleum Corporation	Federal AY 002	0	Active	SA-Yeso
30-015-20438	Yates Petroleum Corporation	Ottawa AOW Federal 001	9222	Pumping	Upper Penn
30-015-21393	Yates Petroleum Corporation	Nickson BM 003	0	Shut-in	SA-Yeso

API Number	Operator	Well Name	TVD	Status	Producing formation
30-015-21406	Yates Petroleum Corporation	Yates AS Fee 003	1619	Active	SA-Yeso
30-015-21410	Yates Petroleum Corporation	Gerard AW 003	0	Active	SA-Yeso
30-015-21411	Yates Petroleum Corporation	Wilkinson AZ 003	0	Shut-in	SA-Yeso
30-015-21560	Yates Petroleum Corporation	Scout EH Federal Com 002	9090	Active	Upper Penn
30-015-21038	Yates Petroleum Corporation	Scout EH Federal Com 003	5922	Pumping	Wolfcamp
30-015-21355	Nearburg Producing Co.	Osage Boyd Com 001	9256	Temporarily Abandoned	Upper Penn
30-015-21422	Yates Petroleum Corporation	Yates AS Fee 004	0	Active	SA-Yeso
30-015-21430	Yates Petroleum Corporation	Nix Curtis BH 004	0	Shut-in	SA-Yeso
30-015-21434	Yates Petroleum Corporation	Hornbaker BA 003	0	Active	SA-Yeso
30-015-20592	YATES PETROLEUM CORPORATION	HORNBAKER BA 002	9150	Active	SA-Yeso
30-015-20692	YATES PETROLEUM CORPORATION	ARCO 10 FEDERAL 002	9291	Pumping	Upper Penn
30-015-21002	YATES PETROLEUM CORPORATION	GUSHWA DR 001	9220	Pumping	SA-Yeso
30-015-21065	YATES PETROLEUM CORPORATION	YATES FEDERAL 002	0	Shut-in	SA-Yeso .
30-015-21204	YATES PETROLEUM CORPORATION	NIX CURTIS BH 003	0	Active	SA-Yeso
30-015-31719	YATES PETROLEUM CORPORATION	YATES AS FEE COM 006	9142	Active	Morrow
30-015-31906	YATES PETROLEUM CORPORATION	SUBURB AZS STATE COM 001	9340	Active	SA-Yeso
30-015-31905	AGAVE ENERGY CO	METROPOLIS AZL STATE COM 1	10500	Active	Devonian (Disposal)
30-015-31961	YATES PETROLEUM CORPORATION	SENECA AYS FEDERAL COM 001	9300	Active	,
30-015-32096	YATES PETROLEUM CORPORATION	BOYD BN COM 003Q		Active	Upper Penn
30-015-32097	YATES PETROLEUM CORPORATION	BOYD BN COM 004Q		Active	Upper Penn
30-015-00107	GULF OIL CORP.	PRE-ONGARD WELL 001	9283	Unknown	
30-015-00109	PAN AMERICAN PETR. CORP.	PRE-ONGARD WELL 001	5800	Unknown	
30-015-00110	PAN AMERICAN PETROLEUM CORP.	PRE-ONGARD WELL 001	5818	Active ·	SA-Yeso
30-015-00153	YATES PETROLEUM CORP.	PRE-ONGARD WELL 001		Active	SA-Yeso
30-015-00106	RESLER & SHELDON	PRE-ONGARD WELL 001	1408	Unknown	
30-015-00108	YATES PETROLEUM CORP.	PRE-ONGARD WELL 002	1802	Unknown	
30-015-05938	YATES PETROLEUM CORP	PRE-ONGARD WELL 001		Active	SA-Yeso
30-015-05928	YATES PETROLEUM CORPORATION	PRE-ONGARD WELL 001	1331	Unknown	-
30-015-10243	MARTIN YATES III	PRE-ONGARD WELL 001	2569	Active	·
30-015-10338	H & S OIL COMPANY	PRE-ONGARD WELL 001	10200	Unknown	
30-015-20134	YATES PETROLEUM CORPORATION	PRE-ONGARD WELL 001	1588	Unknown	
30-015-20755	YATES PETROLEUM CORPORATION .	PRE-ONGARD WELL 002	9029	Unknown	·
30-015-22321	CIMAREX ENERGY CO. OF COLORADO		9421	Unknown	,
30-015-22648	YATES PETROLEUM CORPORATION		9310	Unknown	^ '
30-015-22982 ·	COTTON PETROLEUM COMPANY	PRE-ONGARD WELL 001	9300	Active	Morrow
30-015-23292	AMOCO PRODUCTION COMPANY	PRE-ONGARD WELL 001	9372	Active	Morrow
30-015-25996	TERRA RESOURCES INC.	PRE-ONGARD WELL 001	9350	Unknown	
30-015-26270	NEARBURG PRODUCING CO	PRE-ONGARD WELL 001	8335	Unknown	
30-015-25970	NEARBURG PRODUCING CO	PRE-ONGARD WELL 001	9500	Unknown	
30-015-32360	YATES PETROLEUM CORPORATION	ABUNDANCE AVZ 001	9430	Active	Morrow
30-015-32450	YATES PETROLEUM CORPORATION	BONES BAD 001	9350	Active	Wolfcamp

.

From:

Jones, William V., EMNRD Friday, March 09, 2012 2:22 PM

Sent: To:

'Mark Fairchild'

Cc:

Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD; Hawkins, Phil, EMNRD

Subject:

Disposal well application from Concho: Lakewood SWD #3 30-015-23292 Canyon interval from 7600 to 8100 feet

Tracking:

Recipient

Read

'Mark Fairchild'

Ezeanyim, Richard, EMNRD Shapard, Craig, EMNRD

Read: 3/9/2012 2:25 PM Read: 3/9/2012 2:25 PM

Hawkins, Phil, EMNRD

Hello Mark,

Looked over this today and have feedback below,

a. Please send another Post Conversion wellbore diagram showing the tubing and packer in place in the well – and a (to be installed) new plug back CIBP/cement inside the wellbore located 200 feet or less below your disposal interval.

b. Let me know what geologic formations will be contributing waste water to this well – and send water analysis for each of these.

VC. Run a query and send a simple list of wells located within two miles of this well, showing well name, operator, API number, total depth for each well, well status, and producing formation. You may have to look through well files to determine total depths.

d. The application showed three plugged wells located within ½ mile, but only one plugged wellbore diagram. Send wellbore diagrams for each of the other two plugged wells.

How many non-plugged wells were drilled at least into the Upper Penn and are located within ½ mile of this well – and what formation is being produced in each of these. (I could not easily determine this info from your application).

We know the surface owner of this location is a Fee owner – who is it and were they noticed?

The Canyon formation targeted for disposal in this well appears very low porosity – why was it picked for disposal?

h. Where and what is the nearest Canyon formation producing well to this location?

Where is the nearest Canyon formation salt water disposal well?

Is the insitu waters in the Canyon formation in this well more than 10,000 mg/l of TDS?

also bond Iswe

Seems like a lot of questions, but your geologist and engineer may be able to answer them quickly.

Thank You,

From:

Carol Leach [CLeach@concho.com] Tuesday, March 13, 2012 2:57 PM

Sent: To:

Jones, William V., EMNRD

Cc:

Dade, Randy, EMNRD; Phillips, Dorothy, EMNRD

Subject:

RE: Concho Bonding Requirement for OGRID=229137

Hi Will,

We did plug it, but haven't sent in all the paperwork and I gather we missed the date for the bond. Thanks for bringing it to our attention. Our regulatory lead for the area will be in touch with

Randy this afternoon. If we can't move very quickly on the release we will work with Dorothy on the bonding.

Thanks for the heads up.

Carol

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]

Sent: Tuesday, March 13, 2012 12:27 PM

To: Carol Leach

Cc: Dade, Randy, EMNRD; Phillips, Dorothy, EMNRD

Subject: Concho Bonding Requirement for OGRID=229137

Hey Carol,

I have an application from Concho's Mark Fairchild – and reviewed and sent feedback to him March 9.

Today I just remembered, I also saw where Concho needs a single well bond, I believe on the 30-015-10822 well.

Have not heard back from Mark on the other stuff, but can't release the SWD permit until either the bond is posted or we learn the software showing the bond requirement was in error.

Our Artesia office would be the ones to confirm this – sometimes if an operator takes over a plugged well to reenter it and submits an APD, then the plugging requirement shows up.

Hope all is well,

William V Jones, P.E.
Engineering, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462

From:

Jones, William V., EMNRD

Sent:

Wednesday, April 25, 2012 10:39 AM

To:

Dora Lara

Cc:

'Carol Leach'; Shapard, Craig, EMNRD; Ezeanyim, Richard, EMNRD

Subject:

Disposal well application from Concho: Lakewood SWD #3 30-015-23292 Canyon interval from 7600 to 8100 feet

Hello Dora,

I have all the maps and log traces you sent – thank you.

There are no single well bonds needed, so all is well in that respect.

Below is copied the email sent in March asking for data to process this application.

I reviewed it again today and have all I need except answers to letters: a. f. and j.

- a. Please send a quick, simple post-conversion wellbore diagram showing the well you want to inject into internally plugged back to within 200 feet of the disposal interval.
- f. Who is the surface owner? send proof of notice.
- j. Send a statement as to the salinity of the insitu Canyon formation waters or a proposed method that COG wishes to use to determine this after the well is re-entered. You could ask your log analysts to infer the salinity from resistivity logs, or maybe COG wants to swab after the well is re-entered. Let me know?

Thanks a bunch.

Will Jones
New Mexico
Oil Conservation Division
Images Contacts

From: Jones, William V., EMNRD

Sent: Friday, March 09, 2012 2:22 PM

To: 'Mark Fairchild'

Cc: Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD; Hawkins, Phil, EMNRD

Subject: Disposal well application from Concho: Lakewood SWD #3 30-015-23292 Canyon interval from 7600 to 8100 feet

Hello Mark,

Looked over this today and have feedback below,

From:

Dora Lara [DLara@concho.com] Thursday, April 26, 2012 8:34 AM

Sent:

Jones, William V., EMNRD

Cc:

Mark Fairchild

Subject:

RE: Disposal well application from Concho: Lakewood SWD #3 30-015-23292 Canyon interval from 7600 to 8100 feet

Hello Mr. Jones I have forwarded your email to Mark Fairchild which I believe can provide you with the information that you have listed below. Thank you.

Dora Lara

COG Operating LLC 550 W. Texas Avenue, Suite 100

Midland, TX 79701 Phone: 432-685-4391



From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]

Sent: Wednesday, April 25, 2012 11:39 AM

To: Dora Lara

Cc: Carol Leach; Shapard, Craig, EMNRD; Ezeanyim, Richard, EMNRD

Subject: Disposal well application from Concho: Lakewood SWD #3 30-015-23292 Canyon interval from 7600 to 8100 feet

Hello Dora,

I have all the maps and log traces you sent – thank you.

There are no single well bonds needed, so all is well in that respect.

Below is copied the email sent in March asking for data to process this application.

I reviewed it again today and have all I need except answers to letters: a. f. and j.

- a. Please send a quick, simple post-conversion wellbore diagram showing the well you want to inject into internally plugged back to within 200 feet of the disposal interval.
- f. Who is the surface owner? send proof of notice.
- j. Send a statement as to the salinity of the insitu Canyon formation waters or a proposed method that COG wishes to use to determine this after the well is re-entered. You could ask your log analysts to infer the salinity from resistivity logs, or maybe COG wants to swab after the well is re-entered. Let me know?

From:

Mark Fairchild [MFairchild@concho.com]

Sent:

Thursday, May 03, 2012 8:51 AM

To:

Jones, William V., EMNRD

Cc: Subject: Ramon Reyes; Greg Clark; Dora Lara; Jim Corbitt Lakewood SWD #3 Disposal Well Application

Subject: Lakewood S Attachments: COG SENM

COG SENM SWD WBD Lakewood SWD #3 final.xlsx

Will, I have not been able to be as prompt in answer to your questions as I might like. I was out from April 3 until the 30^{th} with a knee replacement. I think you have all of the information on this well except answers to questions you addressed to Dora Lara on 4/26. Here are those answers:

- 1 The revised WBD is attached showing a CIBP that we would set and cap with cement within 200' of the bottom most perf.
- 2. The chlorides calculated for the Canyon in this well are 67,200 ppm NaCl by calculation. COG can also swab test and report a water analysis of this interval.
- 3. Land owner contact. COG is currently in negations with the land owner to purchase this well bore. Yes, the land owner has been contacted.
- 4. Please call me on Monday when you return to let me know the status of this application. Thanks very much.

M.A. Fairchild COG OPERATING LLC Office: 432-686-3021 Cell: 432-230-7170



From:

Mark Fairchild [MFairchild@concho.com]

Sent:

Wednesday, May 09, 2012 9:06 AM Jones, William V., EMNRD

Subject:

RE: Lakewood SWD #3 (Alley Re Entry)

Dunno, but we of course can send him one. As stated we are attempting to purchase the wellbore from him. I know that since we have not that does not mean anything. We will get a C-108 to him immediately.

M.A. Fairchild COG OPERATING LLC

Office: 432-686-3021 Cell: 432-230-7170



From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]

Sent: Wednesday, May 09, 2012 10:05 AM

To: Mark Fairchild

Subject: RE: Lakewood SWD #3 (Alley Re Entry)

Thanks Mark,

Was this Glenn Fuller supplied with a copy of the C-108?

Will Jones

New Mexico Oil Conservation Division

Images Contacts

From: Mark Fairchild [mailto:MFairchild@concho.com]

Sent: Wednesday, May 09, 2012 8:15 AM

To: Jones, William V., EMNRD

Subject: FW: Lakewood SWD #3 (Alley Re Entry)

Will, this is the surface owner that we have not only contacted but are in discussion to purchase wellbore from.

M.A. Fairchild COG OPERATING LLC

Office: 432-686-3021 Cell: 432-230-7170



From: Noel Olivas

Sent: Tuesday, May 08, 2012 1:52 PM

To: Mark Fairchild

Subject: RE: Lakewood SWD #3 (Alley Re Entry)

Mark-

Glenn Fuller is the head of the trust. Here is his info.

Glenn Fuller 1849 Starduster Dr. Nevada City, Ca

From: Mark Fairchild

Sent: Monday, May 07, 2012 9:12 AM

To: Jim Corbitt; Noel Olivas; Stuart Dirks; David Evans; Keith Corbett; Jason Barnett; Keenan Kern; Rolando Chavarria

Subject: Lakewood SWD #3 (Alley Re Entry)

Just spoke with Will Jones at NMOCD, he can get approval to re enter this well as SWD with the provision that we send him the name, address and any other contact info on the land owner of the well. Please send me that info to get to Will.

M.A. Fairchild COG OPERATING LLC

Office: 432-686-3021

	Injection Permit Checklist (11/15/2010)
	WFXPMXSWD_133 Permit Date 5/25/17_UIC Qtr (A M/J)
	#Wells I Well Name(s): ALICY #1 (will BE) LAKEWSOD SOLD #3
	API Num: 30-0 5-23212 Spud Date: 25/1980 New/Old: (UIC primacy March 7, 1982)
	Footages 290 FNL/860 FUL Unit Esec 1 Tsp 195 Rge 25 E County EDDY
	General Location: 7 25 MC NW OF Couldby
	Operator: COG OPERATING, LC Contact Mark Faurchall for
	OGRID: 27 137 RULE 5.9 Compliance (Wells) 8/32-38 (Finan Assur) (Finan Assur)
	Well File Reviewed Current Status: Like TEPE A COLD MONSON TEST
	Planned Work to Well: RE-ENTER
	Diagrams: Before Conversion After Conversion Elogs in Imaging File:
	Sizes Setting Stage Cement Determination Well Details: HolePipe Depths Tool Sx or Cf Method
	New Existing Surface 17/2 133/8 400 450 2 CIPORSUCAL
	New_Existing Interm 12/4 99/8 1305 950-2576 CIVIS I
	New_Existing _ Liner New_Existing _ OpenHole
•	/ Depths/Formations: Depths, Ft. Formation Tops?
5/	7238 CISCO L
2/	Formation(s) Above 7637 Congres Configure 1530
	Injection TOP: 760 Find Max. PSI 1520 OpenHole Perfs I Injection BOTTOM: 860 Compar Tubing Size 278 Packer Depth 100 of the
,	
	Formation(s) Below S121 STreem
	Capitan Reef?(Potash?Noticed?) [WIPP?Noticed2] Salado Top/BotCliff:House2
	Fresh Water: Depths:Formation Wells? MEAnalysis?Affirmative Statement
	Disposal Fluid Analysis? Sources: COG effected wells (BLIVERRY)
	Disposal Interval: Analysis? Production Potential/Testing:
•	Notice: Newspaper Date 3/11/2 Surface Owner PO Mineral Owner(s)
	RULE 26.7(A) Affected Persons: CIMCACH (PC/OX)
	AOR: Maps? Well List? Producing in Interval? Wellbore Diagrams?
	Active Wells Repairs? WhichWells?
	P&A Wells Repairs? Which Wells?
	Issues: Sol intail PWC W/in Zoo Swo
	Issues: Request Sent Reply:

Page 1 of 1

3/8/2012/1:44 PM

 ${\tt SWD_Checklist.xls/ReviewersList}$