SWU - 10-29-73

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS
Operator: <u>BARBARA FASKEN</u> Well: <u>WINGERD No. 13</u> Contact: <u>CARL BROWN</u> Title: <u>PET E</u> Phone: <u>915 687 1777</u>
Contact: CARL BROWN Title: PET E Phone: 915 687 1777
DATE IN <u>12:09.93</u> RELEASE DATE <u>12:09.93</u> DATE OUT 24
Proposed Injection Application is for: WATERFLOOD Expansion Initial
Original Order: R 🙍 Secondary Recovery Pressure Maintenance
SENSITIVE AREAS
WIPP Capitan Reef Commercial Operation
Data is complete for proposed well(s) HE Additional Data
AREA of REVIEW WELLS $ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} $ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \begin{array}{c} \end{array} \\
Injection Formation(s) Devou AL Source of Water GCABIOZA DEVOUVAN Compatible 465
PROOF OF NOTICE
<u>4</u> ECopy of Legal Notice <u>4</u> ESInformation Printed Correctly <u>4</u> ESCorrect Operators <u>4</u> ESCopies of Certified Muil Receipts
Objection ReceivedSet to HearingDate
NOTES:
APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL 445
3rd Contact:TelephonedLetter Date Neture of Discussion

BARBARA FASKEN FASKEN OIL AND RANCH INTERESTS

303 WEST WALL AVENUE, SUITE 1900 MIDLAND, TEXAS 79701-5116 (915) 687-1777

December 6, 1993

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

> Re: Application for Authorization to Inject Barbara Fasken-Operator Wingerd #13 Sec 24, T-12S, R-37E Gladiola Field Lea County, New Mexico

Dear Mr. Stone:

All supporting data for the above noted application are attached. The proposed injection interval is 11,862'-11,898'. The well will be equipped with 3-1/2" tubing in 5-1/2" casing. Fasken requests permission to set the injection packer at +/-11,000' for the following reasons:

- 1. To avoid setting in 6 degree deviation at +/-11,775'.
- 2. To allow more clearance between the 3-1/2" collars and the 5-1/2" casing. The 5-1/2" 17#/ft casing is set surface-11,100'; 20#/ft below 11,100'.
- 3. The squeezed Mississippian perfs 11,192-232' will be below the packer thereby ensuring a positive tubing/casing annulus integrity test.

The only well within the area of review with Mississippian perforations is the Fasken Wingerd #2. The Wingerd #2 was authorized for disposal into the Devonian and Mississippian zones by Administrative Order SWD-533 dated 9-20-93. During the well #2 workover the Devonian zone was found to be capable of flowing oil at commercial quantities. The well is currently flowing from the Devonian with Mississippian perfs open under the packer. A downhole commingling request has been made assigning 0% of the production to the Mississippian.

Sincerely,

Brown

Carl Brown Petroleum Engineer

CWB/cb cc: File

APPLICATION FOR AUTHORIZATION TO INJECT

Ι.	Purpose: Applica	Secondary Recovery Pressure Maintenance X Disposal Storage tion qualifies for administrative approval? X yes no
11.	Operator:	Barbara Fasken
	Address:	303 W. Wall, Suite 1900, Midland, TX 79701
	Contact pa:	rty: <u>Carl W. Brown</u> Phone: (915) 687-1777
111.	Well data:	Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an If yes, giv	expansion of an existing project? yes no ve the Division order number authorizing the project
	•••	

- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
 - VII. Attach data on the proposed operation, including:
 - 1. Proposed average and maximum daily rate and volume of fluids to be injected;
 - 2. Whether the system is open or closed;
 - 3. Proposed average and maximum injection pressure;
 - 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 - 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
 - IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if avai)able and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification

.

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name:(Carl W.	Brown	Title	Petroleum Engineer
Signature:	Carl U.	Brown	Date	. 12-6-93

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office-

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 name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

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

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

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

	5.2		1	VA	zuba Ot.G (6-13-93)	Ainsoring E.D. Hon E., Kinsolving	Hansen D.B.	LG-42	V 1803	2 20		21.230
3	QW.McWhorter, A.C. Ti ur.Tr.M. 34	ylor Barthale Vivian Mi Est, atol i chal M.	A.C. Taylor, 35 _ etol, MJ	3	Apartine Corp. Heyeo-St. 1 @	ALL ALL	Anter Standard	PRAY A	32	Yates Pa	Est M.I.	Certer M
son_etal_M.I.	4 - 11-52		D.L. Lowe, etal Vera L. Hartley Actno Eras	HE Tartes Advision Lt. TB12000 Bister 6 00	VOIN.	S. E. E. A. F. C.	Elik Oil	Moy Pet.	TDI2062	89835 200	And the second	2,17.00
-son, etc. 1, M. I. -ss, Tr. (5) 	A.C. Tayler, etal, M.L. Joyce Dar S.E. E, R.F. Henord, etal, (S) 30.334: 413935 4: 3139 974: 213 Sun		unard, etol, (S)	Exxon	10 12" and 1	Arendes Busines		Lowron Lowron	3 40 61 Ar 21 50 97 Ar	Tormy B	44 01 Ac . 3	OT R Pitts Ener.
Texas Crude	5 • 20 • 79 1 • 29 36 1 1 1 1 12 5 • 5 • 6 5 • 6 • 6 5 • 6 • 6 5 • 6 • 6 5 • 6 • 6 5 • 20 • 79 1 • 29 36 1 • 20	1	Le 13 Prod. Co. M.I. R. F. Harmind attack (53)	4 - 13 - 33 Phillips Gladie la Taisceo BMAT2-14-69	B:R:B	N.L. Coperation,	aring a state	Pitonetine 12 mm	Corr Well Serv.	Pitts 11 - 17 7 - 2	- 52	1-6-92
@'	3		2 R.F. Harnerid, attal, 65 Brothers Pred. HBP B-11589		HE Votes HE eral I Votes	etal, M.I. (1999) SkeltonOli 4. 8-20-82 Cent 1.	Wellace Fred	Carr Well Serv	Standard	Pitts 11 - 17 7 - 2	Errer: • 93	Pitts E
nsen & ns.etal.ML & Kinsolving	R.F.Henordytal	on MI	1 1 Fate	Kinsolving D.D Wollace.etal	Kinsolving &	Ralph Louis Conflicte	U.S. M.I. C.K. Kem	2 Angel J. Adomson	OT Nanch	Torma Burrus	TV	Nearburn 4 10 50 4.5 A
				Vetes Pet.efet 11.1-54 82567 692		Skelton Oil View 2 . 17 . 82 Tisti 11-20-82 H-10-82	1 Taylor / Sheritan	Eshering 2 4-14-00 gi (Gutf) Harris	Sol West I Landerk	Anodor 5 · M	2	
	R.F.Henordetal	Sugarbarry OEC etal., 14 M.I. Lignum Oil, M.I	Someden Roy.,	U.S. MI	12	Cities Skeltor	Skelton Oil	Sun	alving Obernoitzer A	Sol West		UNC TO
Presley, etal Dickinsen	Gue Rodcliff,etalM. ¹ Min. Di S.E. E, R.F. Henord,etal,53	rided Keisey Pr	l l l sieven, Mi	2 - 22 - 85	L.H.Wentz,Est. B.C. Jones, S	Service Skeiton. (mail etai Mewman Gileiton Dii 1°Baron Dak	Cir. Serz	GT Hell, MI Redfern	Brownlie, etal Markham-			V-410 256 2
Cettle Co.(5) Pet.,etal	S.E.C, R.F. Henard, etal.(3)	Dean E. Kenne	eth Kinsolving (S)	H.E.Yates	H.E. Tes.Cr. Yates Slock	Bison Pet. (C	Kenneth Kinsolving	A.E.Gomble 12 · 7 · 82	B.B. String and	Sarah E R.J.Fie	Burrus,//z	Maratt to seso (Yates P
12	37 Loons E.	wherry Kaisey Presk	9	"Deong"	Medicater Lizent	Signalia Sectored Sectored		(Honcoch)	12	38	- 1	L6-47
ĸ	White, MI Wetal, A H.E. Yates B. 17-56		Gee. C. Johnson	Virgie Green	Devon (Devon)		Antris	Denni &	17	07 Ra	nch	610 12102
-	Kelsey Presley etal, Dean c, Kenneth Kinsolo	MI Mins L Dean e, Ken	Divided aneth Kinsolving(S)	Sinclair Shuifs - TO 9655 DNA 5256 (Sinclair!) Deans, Kenneth Kinsolving (S)	J.P.Schulte	RUL Correct 1 40	G.T.	S.F.Jahnson, eta (Hancock) Babbie Skottan(S			Ste	"Yates-: te Ranch (S)
	HEYQTES	esi	J.M. Joffe Amoco 7 1.75 HBP	instat-	Offen and States	States	(Per Am)	El El	K OII	Str. Har		Paters.
Bianco Co.44M.I. G E Singlatan etal	Wm. M. Graham, min div atol. M.l.	ded C.B. Morkham etal, MJ	Kineoling Cattle Ca		00	Private Sta	Amarian Brian	6 Payne) (6.57 TO 12018 Primeor	20		West Reser 10-25	- 84 Field
Huber Croig TDISTSO DIAT 2 74	Noncor Free 112 - 20 - 20 - 20 - 20 - 20 - 20 - 20	Hilliard Ose	Amaco McGroth&Smith Morkham 15 TD II600 Amaco	TITLE TE BOA	sibarbara Fasken		Gulf		20		2	
R raig, et al. OMI	Depn & Kenneth Kinsolvin	Morkham I Dearler Armeditine Hilliard DEG	D.K. Kinsolving		Cottle Ca. 1/2	Pan Amer	ARCa,M.I. C.D. Houston	C.D. Houster	7 Ranch			12.1-92 y State Ranch
		Florence Moss	(PAPE) ANTIONO/7			Ma) Adam Ada	10x.Mins 0.M.I.			Malie & F		Yates 10-1-1 V-241 16 15
J.S.Cox,etal	TL. Der Dista (Cit.Serv.) Owoja	A Protect Adds to the Adds to	26 J.K. Mc Colm 12 - 12 - 87	NOTION IN	5 TD 12,432	5-1-92 LH 1635	50	T.J. F 07	isher. MI Ranch	TANE	===2	Stat
.A. S.M. 11. 1/2 MI	(Crt. Serv.) (Elwo) Strats	Horsen 2 - Peck	C. 12 - 12 - 06 1 - 29 - 848 Christenger team. Asrber- gave	-	HalveyEner." 3rare TDI2.174	Halvey Ener 2 1 92 LH-1327 26259			Rideler LCI Ser	bacar L P	alter, etc.	AII-13-014
rry K. Lowe	2 L Crong TU SPOLY M. Loure) 10	Andread States Andrea	ELJones	Al Yete	Ranch Is Pet, etal	State 07 Ranch	07 Ranch	0.E.Fis 07	har: ehui Traines Ranch Cartes T	U.S.M. OI.Fasher	-0'	WE Bisc.
t oberholtzer,	Amerodo Oil	of burg Midhurs Oil, and	J.R. Travis,(S) Contempor 7.29 Barris Find One: Barri DEC		1 - 92 2482 6 25	Fine O E,C 1/4 MI			9-16-94			W.A. Churlife 5-22-34 5-10-54
	Charter Res 1.4	Hudro-		XJ.R. Trovis (S)	6	3	si.		32		1.P. Hodge 9-16-94	Action of Flor
Mobil Oil, 1'3 Ml iroc'y M.Lowe	Nidwest Oil \1 Brady M. Lower a.M. E.L., K	T & Eaton Ind. 1012 Sie Sta Mit 3 25 44 3 27 83 1 Lowe Lowe Ld Co			Proposi	d Injec	tion Wel	1 na Kech, 1 21 (5)	Lillie Williams J.R HodgetS E.H. Hodge	Annie R.		S-23-To S- Jma J. Flow M.D. Br
28 Ac 31 48 14 14	Echo Prod Va EnergetCorp.)	Griffin & Burnett 4-20-84 S 21-84 Hydracor bon Espi				Water We			CO-W	400 kc 41	W 05 Ar 3	ALD Ar Fla Threshol J J Jack
i	1007 Del Day / 1017340 1012872 CAN 11 2 72 1012872 11 1012872 3	WWGH	Co.M.L mg & Kinselving (S)					H.A. Schr Seime A	eterm etal, MI A. Koch, S	Novarr Valde W Fasty Bu	UI-	
Somedon 10-20-84 6-27-84 6-8-84 F. Fort H-12-91	Crown Cent Brown Lowe Maginz J.H. Simpson, MI	ATT Y	2- tes Pet,etul 1-32 HH 1890 1689	OTAL		MGE Kaiser Francis, Ma Major (Sarray)	Argenand Latt	Phyllis McConnell, Tr.	Proverse Markia			Ge Fie DIA H.A. Er Ho
l Oberheitzer, owe Malin.	ANR Prod.	Si	tate	Karson	M. (. Bernes, (S)	TD 12234 Com	Grever A. Whit- mire, Est. etcl M.I. J.F. Muscler (5) all Sec.	Birdie & Myrich	Mars Reserve Trace M. Seteral Keck, prints	Estell E.Wither Wilma W	nite, Tr	Mark Fie Bea Etta H.
6 . 3 . 84		NR 21:35 23:45		Wates Pet, etal 6.1-92 Gaulf V8-92 LeoSt 4113	Arrest Test	O' Yotes Petitla Felic STT30 U.S. M.I. K65 David Farthr. statts	Survey Mid-Cont)	DIOLA	-50.	Echo Pro	l.,inc. 86	Yote Per

- VI. Table of wells within area of review and schematics of P&A wells is attached.
- VII. 1. Average Daily Rate: 2500 BWPD Maximum Daily Rate: 5000 BWPD
 - 2. Closed System

Average Pressure: Vacuum initially 3. Maximum Pressure: 500 PSI

- 4. Water Sources: Gladiola-Devonian produced water.
- VIII. The proposed injection zone is the Devonian age dolomite at a depth of approximately 11,860' with a gross thickness of +/- 250'.

Fresh water aquifer at this site is the Ogalalla found from near surface to a depth of 300'.

- IX. Propose to stimulate the existing perforations 11862-11898 with 6,000 gallons 15% HCL acid.
- X. Logs have been filed with OCD.
- XI. Chemical analysis of fresh water wells is attached.
- XII. Applicant attests that a thorough examination has been made of all available geologic, engineering, and well data and that no hydorlogic connection exists between the proposed injection interval and the overlying fresh water aquifer.
- XIII. Proof of Notice in area newspaper will be forwarded under separate cover.

INJECTION WELL DATA SHEET

	OPERATOR	ken L	EASE		
	13 WELL NO.	990' FSL, 660' FEL FOOTAGE LOCATION	24 SECTION	T12S TOWNSHIP	R37E
	Schem	atic	Tubul	ar Data	
			Surface Casing		
		11		Formented with 200	
			Size <u>13-3/8</u> "	<u>-</u> -	
			TOC Surface feet		ation
			Hole size $17\frac{1}{2}$ "		
		13-3/8" @ 318'	Intermediate Casing		
			Size <u>9-5/8</u> *		
			TOC feet	determined by <u>Calc</u>	
			Hole size $12\frac{1}{2}$ "	· · · · · · · · · · · · · · · · · · ·	
			<u>Long string</u>		
			Size <u>5¹2"</u>	Cemented with100	5
		► 9-5/8" @ 4600'	TOC <u>9300</u> feet	determined by <u>Temp</u> .	Survey
		Z 2-7/8" tbg. @ 6046' Miss. perf 11192-232' sqzd	Hole size		
		Dev. perf 11862-898' PBTD 11912'	Injection interval		
		- CIBP @ 11990' w/2 sx cmt. Perf 12006-020'	<u>11,862</u> feet to	<u>11,898</u> feet	perfora
12148' 00-218'	w/100 sx	Cmt. ret. 12240' w/100 sx	(perforated or open-hole	e, indicate writer)	
		Perf 12318-332'			
		Cmt. ret. 12410' w/150 sx Perf 12450-70'			
		Cmt. ret. 12529 w/100 sx Ellen. perf 12721-736'			
		5½" 17# 0-11,100', 5½" 20#	11,100'-TD		
Tub	ing size	3 ¹ 2" lined wi	thplastic coati	.ng	set in a
Tub			(material	ng)	
	Watson Arrow (brand and	wset I packer d model)	(material	ng	set in a _ feet
	Watson Arrow (brand and	wset I packer	(material	ng	
(or <u>Oth</u>	Watson Arrow (brand and describe any o her Data	wset I packer d model) ther casing-tubing seal).	(material	ng	
(or <u>Oth</u>	Watson Arrow (brand and describe any o her Data	wset I packer d model)	(material	ng	
(or <u>Oth</u>	Watson Arrow (brand and describe any o ner Data Name of the in	wset I packer d model) ther casing-tubing seal).	(material at <u>±11,000</u>	ng	
(or <u>Oth</u> 1. 2.	Watson Arrow (brand and describe any of her Data Name of the in Name of Field of	wset I packer d model) ther casing-tubing seal). jection formation <u>Devonian</u>	(materia) at <u>±11,000</u> adiola	<u>ng</u>	
(or <u>Oth</u> 1. 2.	Watson Arrow (brand and describe any of <u>ner Data</u> Name of the in Name of Field of Is this a new of	wset I packer d model) ther casing-tubing seal). jection formation Devonian or Pool (if applicable) G1a	(material at <u>±11,000</u> adiola _Yes <u>X</u> No)	_ feet
(or <u>Oth</u> 1. 2.	Watson Arrow (brand and describe any of <u>ner Data</u> Name of the in Name of Field of Is this a new of	wset I packer d model) ther casing-tubing seal). jection formation <u></u> Devonian or Pool (if applicable)Gla well drilled for injection?	(material at <u>±11,000</u> adiola _Yes <u>X</u> No)	_ feet
(or <u>Oth</u> 1. 2. 3.	Watson Arrow (brand and describe any of ner Data Name of the in Name of Field of Is this a new If no, for what 10-24-56 Has the well ev	wset I packer d model) ther casing-tubing seal). jection formation Devonian or Pool (if applicable) Gla well drilled for injection? t purpose was the well originall ver been perforated in any other	(material at <u>±11,000</u> adiola _Yes <u>X</u> No y drilled? <u>Completed as</u> zone(s)? List all such p) Devonian oil produce erforated intervals an	_ feet
(or <u>Oth</u> 1. 2. 3.	Watson Arrow (brand and describe any of <u>her Data</u> Name of the in Name of Field of Is this a new of If no, for what 10-24-56 Has the well em plugging detail	wset I packer d model) ther casing-tubing seal). jection formation <u>Devonian</u> or Pool (if applicable) <u>Gla</u> well drilled for injection? t purpose was the well originall ver been perforated in any other 1 (sacks of cement or bridge plu	(material at <u>+11,000</u> adiola _Yes <u>X</u> No y drilled? <u>Completed as</u> zone(s)? List all such pu g(s) used) <u>Miss. 11192'</u>) Devonian oil produce erforated intervals an -11232' sqzd. w/165	_ feet
(or <u>Oth</u> 1. 2. 3.	Watson Arrow (brand and describe any of ner Data Name of the in, Name of Field of Is this a new of If no, for wha 10-24-56 Has the well em plugging detai CIBP @ 11990	wset I packer d model) ther casing-tubing seal). jection formation Devonian or Pool (if applicable) Gla well drilled for injection? t purpose was the well originall ver been perforated in any other 1 (sacks of cement or bridge plu D' w/2 sx PBTD 11912', Dev. pe	(material at <u>+11,000</u> adiola _Yes <u>X</u> No y drilled? <u>Completed as</u> zone(s)? List all such p g(s) used) <u>Miss. 11192'</u> erf 12006-20', cmt. ret.) Devonian oil produce erforated intervals an -11232' sqzd. w/165 12148' w/100 sx, De	_ feet
(or <u>Oth</u> 1. 2. 3. 4.	Watson Arrow (brand and describe any of ner Data Name of the in Name of Field of Is this a new of If no, for what 10-24-56 Has the well en plugging detait <u>CIBP @ 11990</u> <u>1220-218, cm</u> 12450-470',	wset I packer d model) ther casing-tubing seal). jection formation <u>Devonian</u> or Pool (if applicable) <u>Gla</u> well drilled for injection? t purpose was the well originall ver been perforated in any other 1 (sacks of cement or bridge plu	(materia) at) Devonian oil produce erforated intervals an -11232' sqzd. w/165 12148' w/100 sx, De et. 12410' w/150 sx, 6'.	_ feet

Barbara Fasken Wingerd No. 13 Gladiola Field Lea County, New Mexico Application for Authorization to Inject

MAIL LIST

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

Oil Conservation Division P.O. Box 1980 Hobbs, NM 88240

Surface Owner

Dean Kinsolving Cert. # P 322 142 948 P.D. Box 325

P.O. Box 325 Tatum, NM 88267

Leasehold Operators Within One-Half Mile

<u>W/2</u> of <u>NE/4</u> <u>Sec. 24 T12S R37E</u> Wadi Petroleum, Inc. 1440 S. Walters Road, Suite 400 Houston, TX 77014	Cert.	#	Ρ	322	142	949
<u>E/2</u> of <u>W/2 Sec. 24 T12S R37E</u> Amoco Production Co. 501 Westlake Park Blvd. Houston, TX 77079	Cert.	# 1	P	322	142	937
<u>NW/4 Sec. 19 T12S R38E</u> Brothers Production Co., Inc. P.O. Box 7515 Midland, TX 79708	Cert.	#	Р	322	142	938
<u>NE/4</u> of <u>SW/4</u> <u>Sec. 18 T12S R38E</u> Yates Petroleum Corporation 105 S. Fourth St. Artesia, NM 88210	Cert.	#	Р	322	142	939
<u>NW/4</u> of <u>SW/4</u> and <u>S/2</u> of <u>SW/4</u> Sec. 19 T12S Unleased	<u>R38E</u>					
NW/4 Sec. 30 T12S R38E and NE/4 Sec. 25 T Unleased	<u>125 R3</u>	7 <u>E</u>				

Barbara Fasken Wingerd No. 13 Application for Authorization to Inject Gladiola Field Lea County, New Mexico

Wells Within Area of Review

McAlester Fuel Co. #1 Brownfield "B" 0i1 Unit G, 1650' FNL 1650' FEL S24 T12S R37E Compl. 5-23-52 TD 11985' Perf. 11815'-11845' Devonian OWWO: 9-21-69 CIBP 10330' Perf 10282-298' Penn. OWWO: 1-20-70 CIBP 10000' Perf 9310'-9584' TA'd w/18' cmt. on pkr. @ 9270' <u>Cmt.</u> Hole <u>Csa.</u> Depth 18-1/2" 13-3/8" 400 sx 365' 12-1/4" 9-5/8" 4473' 1968 sx 8-3/4" 5-1/2" 11980' 1235 sx P & A 7-26-71 Schematic Attached. McAlester Fuel Co. #2 Brownfield "B" D&A Unit G, 1750' FNL 1650' FEL S24 T12S R37E Compl. 7-31-52 TD 10345' Perf. 9572-93' Wolfcamp OWWO: 4-5-60 Sqz. perfs 9572-93' DO to 10323'. Perf. 10295'-10310' No Show. CIBP @ 9510', Perf. 9457-79' No show. Pkr. @ 9445' w/50 sx cmt. PBTD 8840' <u>Hole</u> Depth <u>Cmt.</u> <u>Csa.</u> 17-1/2" 13-3/8" 367' 400 sx 12-1/4" 9-5/8" 4474' 1657 sx 8-3/4" 5-1/2" 10345' 674 sx P & A 4-1-63 Schematic Attached. Pan American Petroleum Corp. #7 Wingerd 0i1 Unit H, 1980' FNL 990' FEL S24 T12S R37E Compl. 7-24-53 TD 9820' Perf. 9580-94' Wolfcamp 10-14-63 Spot 25 sx across perfs 9580-94'. Perf. 5220-30', 5538-78'. OWWO: CIBP @ 5250', sqz. 5220-30' w/100 sx. Cmt. ret. @ 5195'. Perf. 5104-12' cmtd. behind csg. w/72 sx. D0 and perf. 5170'-5204' San Andres. Csa. <u>Hole</u> <u>Cmt.</u> Depth 18" 13-3/8" 312' 360 sx 12-1/4" 9-5/8" 4479' 690 sx 7-7/8" 5-1/2" 98201 372 sx P & A 1-11-68 Schematic Attached.

Barbara Fasken #6 Wingerd <u>0il</u> Unit I, 660' FEL 1980' FSL S24 T12S R37E Compl. 7-13-53 TD 12035' Perf. 11900-940' Devonian OWWO: 12-2-58 Set cmt. ret. @ 11880' sgz. 11900-940'. Perf. 11835-860' Devonian 4-3-63 PB to 11850' sqz. 11835-60' w/100 sx. Perf. 11830-840' Devonian OWWO: Depth Cmt. Hole <u>Csa.</u> 13-3/8" 321' 17-1/2" 355 sx 540 sx 9-5/8" 12-1/4" 4500' DV @ 2280' w/150 sx 8-3/4" 7" 12034' 630 sx Pan American Petroleum Corp. #9 Wingerd 0i1 Unit I, 2210' FSL 890' FEL S24 T12S R37E Compl. 11-4-53 TD 9820' Perf. 9589'-9603' Wolfcamp OWWO: 8-16-55 Cmt. Ret. @ 9585'. Perf. 9386'-9568' Wolfcamp Hole Cmt. <u>Csa.</u> Depth 17-1/2" 13-3/8" 293' 325 sx 12-1/4" 9-5/8" 4488' 690 sx 8-3/4" 7" 9873¹ 300 sx P & A 12-29-67 Schematic Attached. Pan American Petroleum #11 Wingerd <u>011</u> Unit J, 2110' FSL 1650' FEL \$24 T12S R37E Compl. 5-23-54 TD 9823' Perf. 9575-97' Wolfcamp <u>Hole</u> Csa. Depth Cmt. 17-1/2" 13-3/8" 326' 325 sx 9-5/8" 12-1/4" 4515' 690 sx 7" 8-3/4" 98121 300 sx P & A 1-10-68 Schematic Attached. Barbara Fasken #10 Wingerd 0i1 Unit J. 2310' FSL 1650' FEL S24 T12S R37E Compl. 4-17-54 TD 12016' Perf. 11641'-11872' Devonian 2-3-58 add Perfs. 11904-53' OWWO: 6-24-60 Cmt. ret. @ 11890' Att. sqz. 11904-53' communicated w/hole OWWO: OWWO: 5-1-73 Cmt. ret. @ 11792' Sqz. below w/50 sx left 62' cmt. on ret. PBTD 11730' Depth Hole Csa. Cmt. 17-1/2" 13-3/8" 315' 325 sx 12-1/4" 9-5/8" 4493' 540 sx DV @ 2275' w/150 sx 5-1/2" 7-7/8" 12015' 640 sx

Fina Oil and Chemical Co. #12 Wingerd <u>0i1</u> Unit 0, 990' FSL 1650' FEL S24 T12S R37E Compl. 9-1-55 TD 11987' Perf. 11865'-11900' Devonian OWWO: 3-16-91 CIBP 10710'. Perf. 10662-702' Cisco swab wtr. Perf. 9517'-9820' Wolfcamp. Set cmt. ret. @ 10630', attempt sqz. w/100 sx, tbg. stuck, left fish in hole, TOF 10189'. TA'd well. Hole Csa. Depth Cmt. 17-1/2" 13-3/8" 300' 325 sx 8-5/8" 12-1/4" 4500' 690 sx DV @ 2312' w/100 sx 7-7/8" 5-1/2" 11986' 600 sx P & A 5-4-93 Schematic Attached. Barbara Fasken #13 Wingerd <u>011</u> Unit P. 990' FSL 660' FEL S24 T12S R37E Compl. 10-24-56 TD 12945' PBTD 11975' Attempt Ellenburger Compl. Perf. 12721-736', cmt. ret. 12529' w/100 sx, perf. 12450-70', cmt. ret. 12210' w/150 sx, perf. 12318-32', cmt. ret. 12240' w/100 sx, perf. 12200-18', cmt. ret. 12148' w/100 sx, perf. 12006-020', CIBP @ 11990' w/2 sx cmt. Perf. 11862-898' Devonian OWWO: 4-26-84 CIBP @ 11791'. Perf. Miss. 11192-232' tstd. wtr. 6-7-84 Sqz. 11192-232' w/250 sx (165 in fm.) D0 cmt. & CIBP @ 11791'. OWWO: Return well to Devonian production. <u>Hole</u> <u>Csa.</u> Depth Cmt. 17-1/2" 13-3/8" 318' 380 sx 12-1/4" 9-5/8" 4600' 1500 sx 8-3/4" 5-1/2" 12945' 1100 sx Amoco Production Corp. #8 Wingerd 0i1 & SWD Unit P. 660' FSL 660' FEL S24 T12S R37E Compl. 9-20-53 TD 9818' Perf. 9610-36' Wolfcamp OWWO: 10-61 Converted well to SWD thru perfs. 9610-36' by Commission order R-2019 7-13-61. Hole Csa. Depth <u>Cmt.</u> 17-1/2" 13-3/8" 323' 225 sx 12-1/4" 9-5/8" 44951 590 sx 7. 8-3/4" 98181 300 sx P & A 6-14-71 Schematic Attached. Sinclair Oil & Gas Company #1 H.R. Fields 0i1 Unit A, 330' FNL 330' FEL S25 T12S R37E Compl. 6-9-53 TD 9654' Perfs: Wolfcamp 9512'-9547' Hole <u>Csa.</u> Depth <u>Cmt.</u> 17-1/2" 13-3/8" 300' 375 sx 12" 10-3/4" 660' 550 sx 9-7/8" 1200 sx 7-7/8" 4507' 6-3/4" 5-1/2" 9654 300 sx P & A 2-24-67. Schematic Attached.

Jake L. Hamon #1 H.R. Fields <u>0i1</u> Unit A, 330' FNL 407' FEL S25 T12S R37E Compl. 6-22-57 TD 11953' Perfs: Devonian 11940'-11950' Depth Hole <u>Csa.</u> Cmt. 17-1/2" 13-3/8" 367' 400 sx 12-1/4" 9-5/8" 4516' 2170 sx 8-3/4" 5-1/2" 11953' 200 sx P & A 3-29-66 Schematic attached. Jake L. Hamon #1 Anita Field D & A Unit B, 330' FEL 1650' FEL S25 T12S R37E Compl. 9-7-57 TD 12018' Hole Csa. Depth <u>Cmt.</u> 17-1/2" 13-3/8" 415 sx י 401 12-1/4" 9-5/8" 4494 2100 sx P & A 6-1-60 Schematic attached. Brothers Production Co. #2 Lea "AV" State 011 Unit E, 330' FWL 1980' FNL S19 T12S R38E Compl. 5-2-53 TD 11955' Open hole 11885'-11955' Devonian OWWO: 10-22-62 CIBP @ 11800' w/2 sx cmt. Perf. 11758'-11770' (Miss.) No show oil or gas. CIBP @ 9645' w/2 sx cmt. PBTD 9635'. Perf 9400'-9588' Wolfcamp. Hole <u>Csa.</u> Depth <u>Cmt.</u> 13-3/8" 17-1/4" 376' 500 sx 9-5/8" 12-1/4" 4520' 2282 sx 8-3/4" 7" 11885' 610 sx Amoco Production Co. #1 State B-19 0i1 Unit K. 2310' FSL 1650' FWL S19 T12S R38E Compl. 5-27-57 TD 11982' Perf. 11958-968' Devonian Hole <u>Csa.</u> Depth Cmt. 17-1/4" 13-3/8" 342' 350 sx 11" 8-5/8" 4633' 650 sx 7-7/8" 5-1/2" 11982' 1200 sx P & A 9-13-71 Schematic Attached. Pan American Petroleum Corp. #2 Houston "A" <u>0i1</u> Unit L, 2110' FSL 330' FWL S19 T12S R38E Compl. 4-27-54 TD 9816' Perf. 9470'-9536' Wolfcamp <u>Hole</u> <u>Cmt.</u> <u>Csa</u>. Depth 13-3/8" 17-1/2" 3031 325 sx 9-5/8" 12-1/4" 4490' 590 sx 8-3/4" 5-1/2" 98061 370 sx P & A 12-1-67 Schematic Attached.

Petro Oil Company, L.P. #1 Houston "A" <u>0i1</u> Unit L, 2310' FSL 330' FWL S19 T12S R38E Compl. 11-17-53 TD 11960' Open hole 11921-960' Devonian 10-14-58 Perf. 11874-890' Devonian OWWO: 1-6-59 CIBP @ 11905' OWWO: OWWO: 7-27-59 Cmt. ret. 11850' sqz. 11874-890' w/200 sx. D0 to 11900'. Reperf. 11875-885' Devonian <u>Hole</u> <u>Csa.</u> Depth <u>Cmt.</u> 17-1/2" 13-3/8" 255 sx 324' 9-5/8" 12-3/4" 4514' 440 sx 8-3/4" 7" 11921' 1260 sx P & A 9-6-87 Schematic Attached. Pan American Petroleum Corp. #1 Houston "B" <u>0i1</u> Unit M, 990' FSL 330' FWL S19 T12S R38E Compl. 2-10-54 TD 9820' PBTD 9575' Perf. 9498'-9556' Wolfcamp OWDO: 1-29-57 Drilled to new TD 11971'. Set 5" liner 9140'-11971'. Perf 11908-953' Devonian OWWO: 8-1-69 CIBP @ 11700'. Perf. Penn 10004-176'. No shows. Hole <u>Csa.</u> Depth Cmt. 17-1/2" 13-3/8" 301' 325 sx 12-1/4" 9-5/8" 4461' 690 sx 7# 8-3/4" 98081 300 sx 5" liner NR 9140'-11971' 200 sx P & A 8-15-69 Schematic Attached. Amini Oil Corporation #1 State E-476 "A" 0i1 Unit D, 330' FNL 380' FWL S30 T12S R38E Compl. 9-13-53 TD 9660' Perf. Wolfcamp 9558-79', 9596'-9603' <u>Cmt.</u> <u>Hole</u> <u>Csg.</u> Depth 17-1/2" 13-3/8" 359' 400 sx 12-1/4" 9-5/8" 4506' 1600 sx 8-3/4" 5-1/2" 96581 1435 sx (DV @ 8798') P & A 12-5-69 Schematic Attached. Amini Oil Corporation #2 State E-476 "A" 0i1 Unit D. 330' FNL 486' FWL S30 T12S R38E Compl. 9-27-57 TD 11990' Open Hole Devonian 11969-990' Hole <u>Csa.</u> Depth <u>Cmt.</u> 17-1/2" 13-3/8" 364' 350 sx 12-1/4" 9-5/8" 4524' 1559 sx 8-3/4" 5-1/2" 11969' 680 sx (DV @ 9955') P & A 12-3-69 Schematic Attached.

OPERATOR			DATE P&A	
MCALESTER FUELS CO.			7/26/71	<u> </u>
LEASE	WELL NO	J		
BROWNFIELD	1	UNIT G SEC 24 T	12S R37E	
SP	OT 10 SX @ SURFAG	CE		
SP	OT 25 SX @ 365'			
133	3/8″CSG AT	365	WITH4	100_SX
SP	OT 35 SX @ 4473'			
<u> </u>	8″CSG AT	4473	WITH	68_SX ·
	T 5 1/2" AND PULLED 51 DT 25 SX @ 5155'	155'		
PAC	CKER @ 9270' W/18' CM			
1. S.	9310-9584'			
	P @ 10000'			
	10282-10298'			
CIB	3P @ 10330'			
PF	11815-11845			
<u>5 1/</u>	/2″CSG AT	11980	WITH12	35_SX
				·
то	T DEPTH 119	85		

OPERATOR					DATE P&A
McALESTER FUELS CO.				-	4/1/63
LEASE		WELL NO.	LOCATION		
BROWNFIELD		2	UNIT G SEC 24 T1	2S R37E	
<u></u>	SPOT 10 SX @) SURFACE			
	SPOT 25 SX @) 370–338'			
The state and the	13 3/8″	CSG AT	<u> </u>	VITH -	\$X
in Standard Brand Prairie	CUT 9 5/8″ AND SPOT 25 SX @ 7				
	CUT 5 1/2″ AN SPOT 25 SX @ 9 5/8″			VITH _	<u> 1657</u> SX
	PF 9457–9479' CIBP @ 9510'		ON TOP, PBTD 899	90	
	PF 9572-9593, So PF 10295-10310'	DZD			
	5 1/2″	CSG AT	10345 W	ИТН	674 SX
				-	
	TOT DEPTH	10345	-		

	CORP.	WELL NO. 7 SURFACE	LOCATION UNIT H SEC	24 T12S R37E	DATE P&A 1/11/68	
WINGERD	SPOT 10 SX @	7				
<u>en an antipida por se pida por se pida</u>	SPOT 10 SX @		UNIT H SEC	24 T12S R37E		
	SPOT 10 SX @	SURFACE				
Martin Carlo Martin	SPOT 25 SX IN 13 3/8″	& OUT OF CSG AT		<u>312_</u> WITH	<u>360_</u> SX	
and the second	CUT 9 5/8" AND F SPOT 25 SX IN &		В			
	CUT 5 1/2″ ANI SPOT 25 SX IN 9 5/8″		STUB	479_WITH	690_SX	
	SPOT 20 SX 5175 PF 5104-12 BLOC PF 5170-5204'		V/75 SX			
	PF 5220-5230', S(CIBP @ 5250'	QZD W/100 SX	¢			
<u>ם</u>	PF 5538-5578'					
	CIBP @ 9510' SPOT 25 SX CMT	ACROSS PEF	RFS 9580-94'			
	PF 9580-9594'					
	5 1/2"	CSG AT	98	320 WITH	<u> </u>	

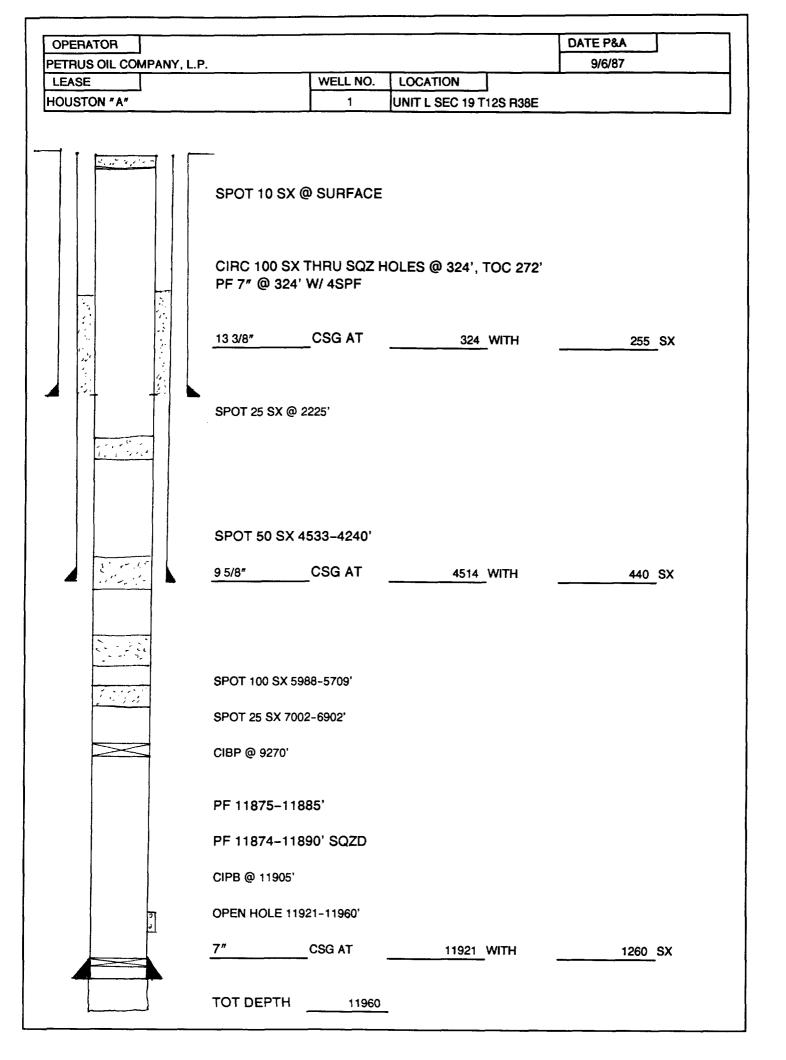
			·		
	M CORP.				DATE P&A
PAN AMERICAN PETROLEUI		WELL NO.	LOCATION		12123/07
WINGERD		9	UNIT I SEC 24 T	」 12S B37E	
		<u> </u>	101111 JEC 24 1	120 110/ E	
<u> </u>	SPOT 10 SX @	SURFACE			
	SPOT 25 SX IN	N&OUTOF	13 3/8″ @ 300'		
	13 3/8″	CSG AT	293	WITH	325_SX
	CUT 9 5/8" AND SPOT 25 SX IN &				
	SPOT 25 SX IN	& OUT OF	9 5/8″ @ 4499'		
	9 5/8″	CSG AT	4488	_with	690_SX
	CUT 7" AND PUL SPOT 25 SX IN &		TUB		
	SPOT 50 SX 9	585–9300'			
	PF 9386-9568	,			
	CMT RET @ 9585				
	PF 9589-9603'				
	7″	CSG AT	9873	_WITH	300_SX
	TOT DEPTH	9820	_		

				<u>_</u>	DATE DO	
					DATE P&A	J
PAN AMERICAN PETROLEUI		WELL NO.	LOCATION	T	1/10/68	
WINGERD		11	UNIT J SEC 24 T	128 P275		
WINGERD			UNIT J SEC 24 1	120 10/2		
	SPOT 10 SX @	SURFACE				
	SPOT 25 SX IN	& OUT OF	13 3/8″			
	13 3/8″	CSG AT	326	_wітн	325	sx
So the second	CUT 9 5/8" AND SPOT 25 SX IN &		" STUB			
	SPOT 20 SX IN	N&OUT OF	9 5/8″ @ 4529'			
Sector Santa	9 5/8″	CSG AT	4515	_WITH	690	sx
	CUT 7" AND PUL SPOT 25 SX IN &		ΓUΒ			
	SPOT 40 SX 9785 PF 9575-9692' 7″	5-9550' CSG AT	9812	_with	300	sx
	TOT DEPTH	9823				

OPERATOR					DATE P&A
FINA OIL & CHEMICAL CO.		r			5/4/93
LEASE		WELL NO.			
WINGERD		12	UNIT O SEC 24	1125 H3/E	
	SPOT 10 SX @) SURFACE			
	13 3/8″ SPOT 90 SX IN &	CSG AT	*****	WITH ru csg cut	325_SX
	8 5/8"	CSG AT	4500	_WITH	690_SX
	CUT 5 1/2" AND 1 SPOT 220 SX @ 4		5 1/2" AND INTC	8 5/8″ CSG	
	SPOT 25 SX @ 69	909,			
	CIBP @ 9440' W/	40' CMT			
<u>,</u>	PF 9517-9830'				
	CMT RET @ 10	0630' W/441	' 2 7/8″ TBG C	MTD IN, TO	F 10189'
	PF 10662-1070	02'			
	CIBP @ 10710'				
	PF 11865-11900'				
	5 1/2″	CSG AT	11986	_WITH	SX
AB	TOT DEPTH	11987	-		

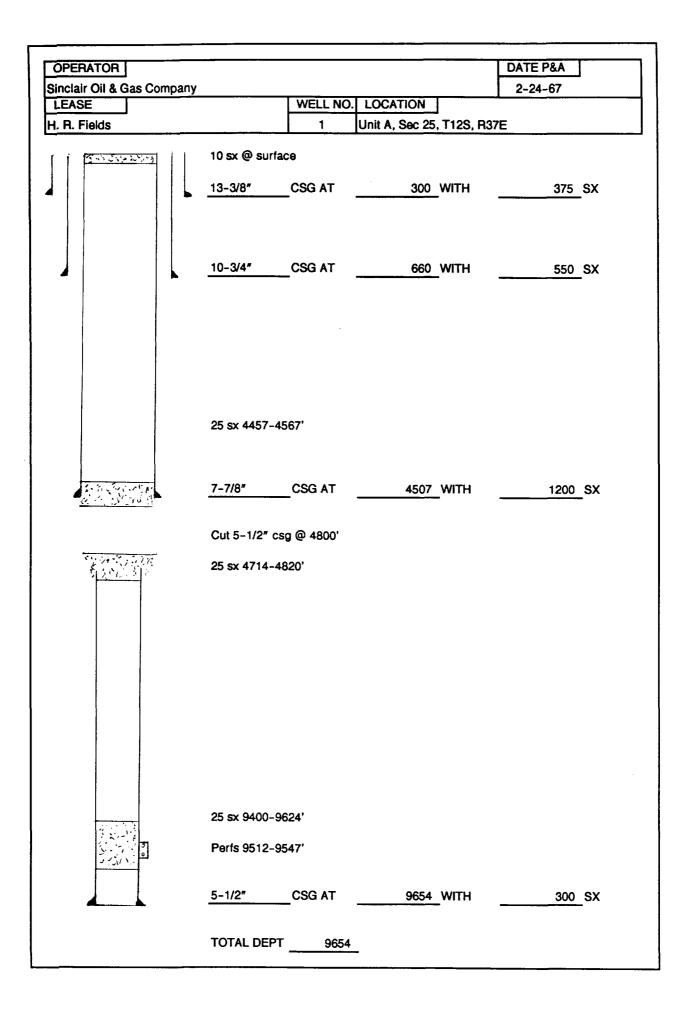
				DATE P&A
P.				6/14/71
	WELL NO.	LOCATION		
	8	UNIT P SEC 24 1	12S R37E	
SPOT 10 SX @	SURFACE			
SPOT 50 SX IN	N & OUT OF	13 3/8″ @ 323'		
13 3/8″	CSG AT	323	_WITH	225_SX
		" STUB		
SPOT 25 SX IN 9 5/8"	N & OUT OF CSG AT	-		590 SX
			_	
SPOT 75 SX @ PF 9610-9636' PBTD 9770'	9770–9400	' (CALC.)		
	SPOT 10 SX (SPOT 50 SX II <u>13 3/8"</u> CUT 9 5/8" AND SPOT 25 SX IN 8 SPOT 25 SX IN 8 SPOT 25 SX IN 8 SPOT 25 SX IN 8	WELL NO. 8 SPOT 10 SX @ SURFACE SPOT 50 SX IN & OUT OF 13 3/8" CSG AT CUT 9 5/8" AND PULLED 985' SPOT 25 SX IN & OUT OF 9 5/8 SPOT 25 SX IN & OUT OF 9 5/8 SPOT 25 SX IN & OUT OF 7" S CUT 7" AND PULLED 5008' SPOT 25 SX IN & OUT OF 7" S SPOT 25 SX IN & OUT OF 7" S SPOT 25 SX IN & OUT OF 7" S	WELL NO. LOCATION 8 UNIT P SEC 24 SPOT 10 SX @ SURFACE SPOT 50 SX IN & OUT OF 13 3/8" @ 323' 13 3/8" CSG AT 13 3/8" CSG AT 223 CUT 9 5/8" AND PULLED 985' SPOT 25 SX IN & OUT OF 9 5/8" STUB SPOT 25 SX IN & OUT OF 9 5/8" @ 4495' 9 5/8" CSG AT 4495 CUT 7" AND PULLED 5008' SPOT 25 SX IN & OUT OF 7" STUB SPOT 25 SX IN & OUT OF 7" STUB	WELL NO. LOCATION 8 UNIT P SEC 24 T12S R37E SPOT 10 SX @ SURFACE SPOT 50 SX IN & OUT OF 13 3/8" @ 323' 13 3/8" CSG AT 13 3/8" CSG AT 223_WITH CUT 9 5/8" AND PULLED 985' SPOT 25 SX IN & OUT OF 9 5/8" STUB SPOT 25 SX IN & OUT OF 9 5/8" @ 4495' 9 5/8" CSG AT 4495_WITH CUT 7" AND PULLED 5008' SPOT 25 SX IN & OUT OF 7" STUB SPOT 25 SX IN & OUT OF 7" STUB

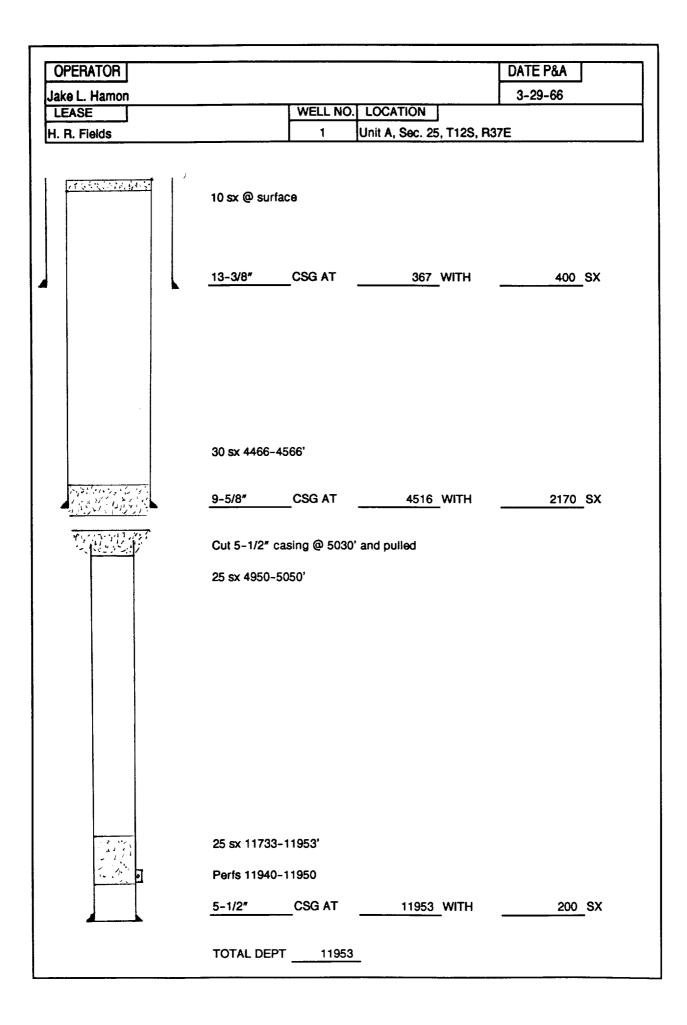
OPERATOR			·····	DATE P&A
AMOCO PRODUCTION CO.				9/13/71
LEASE		WELL NO.	LOCATION	
STATE "B-19"		1	UNIT K SEC 19 T12S R38E	
	SPOT 10 SX @	SURFACE		
	SPOT 50 SX 34	44-295'		
Station (Constant)	13 3/8″	CSG AT	342_WITH	350_SX
and the second	CUT 8 5/8" AND SPOT 50 SX 1010			
Harris And Strands	8 5/8" CUT 5 1/2" AND F SPOT 50 SX 4530		4633_WITH	<u>∻ 650_</u> SX
WF attack in the				
	SPOT 30 SX 80	950-8300'		
	SPOT 50 SX 1159	8-11500'		
	PF 11958-11968'			
Ð	5 1/2"	CSG AT	9597 WITH	SX
	TOT DEPTH	11982		

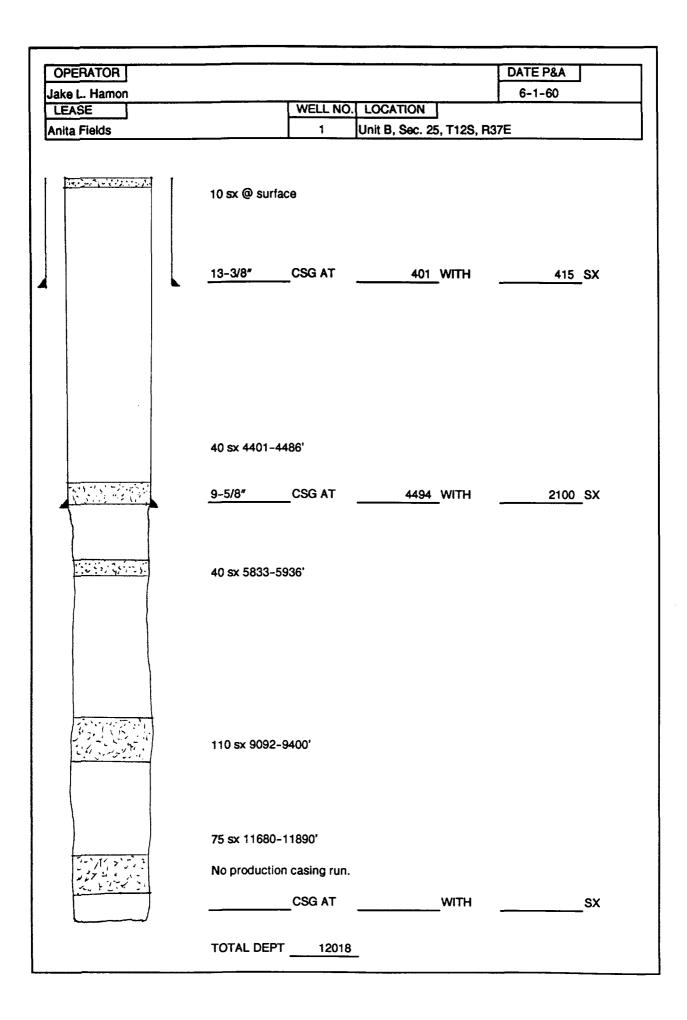


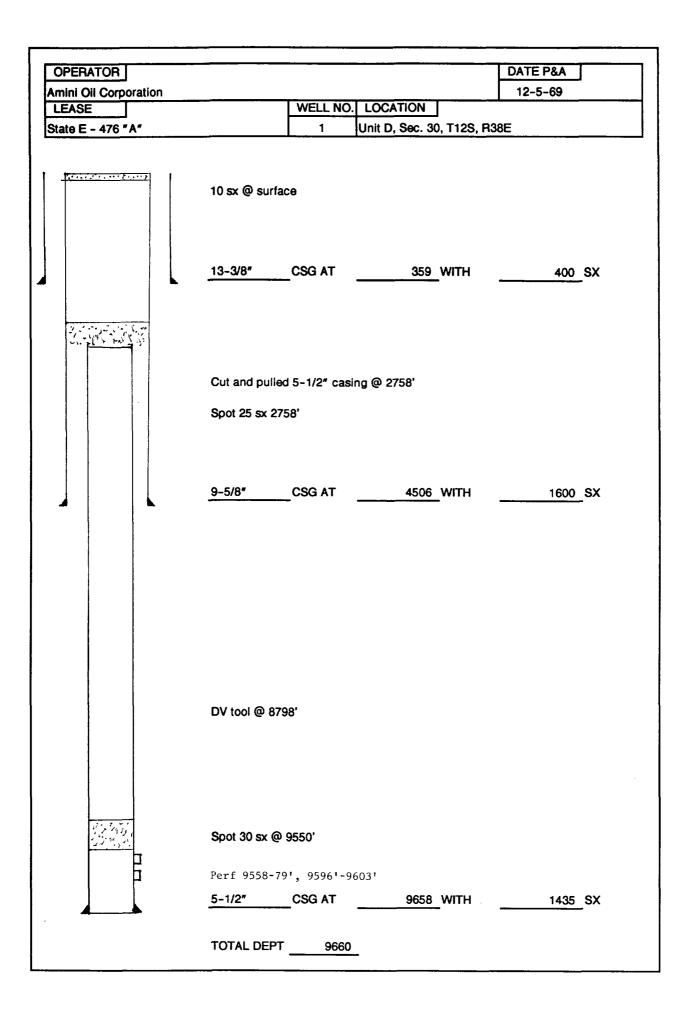
OPERATOR	·····				DATE P&A
PAN AMERICAN PETROLEUI	M CORP.				12/1/67
LEASE		WELL NO.	LOCATION		
HOUSTON "A"		2	UNIT L SEC 19 1	12S R38E	
terfa ter ve se en d'artas	SPOT 10 SX @) SURFACE			
	SPOT 25 SX IN	& OUT OF	13 3/8″ CSG		
	13 3/8″	CSG AT	303	_with	325_SX
	CUT 9 5/8" AND I SPOT 25 SX IN &				
	SPOT 20 SX IN	& OUT OF	9 5/8″ @ 4500'		
	9 5/8″	CSG AT	4490	_with	590_SX
чула (<u>уларана)</u> Чула (<u>уларана)</u> Чула (<u>уларана)</u> (<u></u>	CUT 5 1/2" AND F SPOT 25 SX IN &				
	SPOT 15 SX 9550 PF 9470-9536' 5 1/2″	-9460' CSG AT	9806	_with	<u> </u>

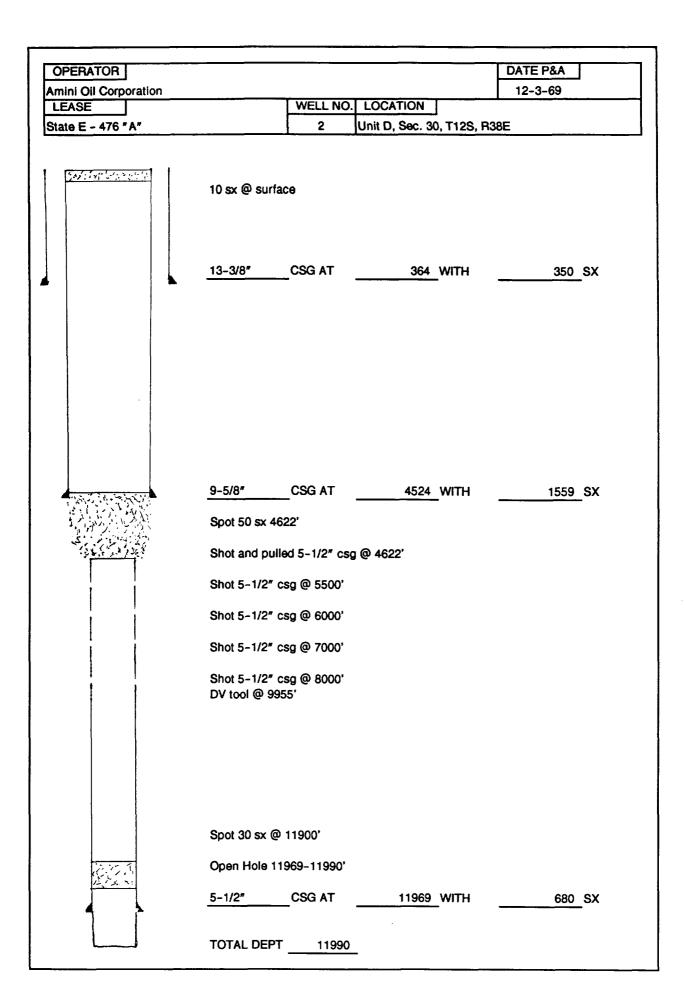
OPERATOR					DATE P&A
PAN AMERICAN PETROLEU	M CORP.				8/15/69
LEASE		WELL NO.	LOCATION		
HOUSTON "B"		1	UNIT M SEC 19	T12S R38E	
<u></u>	SPOT 10 SX @	SURFACE			
	SPOT 50 SX 29				
	13 3/8″	CSG AT		WITH	325_SX
	CUT 9 5/8" AND F SPOT 25 SX 710-				
	9 5/8″ CUT 7″ AND PUL SPOT 75 SX 4450		4461	with	690_SX
	ORIGINAL COMPI TD 9820' PBTD 95 PF 9498-9556'				
	SPOT 50 SX 1020	0-9990'			
	OLD WELL DRI DRILLED NEW SET 5" LINER 9 PF 10004-10176'	HOLE 9820	-11971'		
T	CIBP @ 11700' PF 11908-11953'				
		CSG AT	and the second sec	WITH	SX
	5" I TOP LINER TOT DEPTH	LINER @ 9140 11971	-	WITH	200 SX











P. O. 80X 1468 Ionahans, Texas 79756 In. 943-3234 Of 653-1040	martin water Lat			709 W. INDIANA MIDLAND, TEXAS 79 PHONE 683-4621
	RESULT OF WAT		_	
		LABORATORY NO.	89313	31
Mr. Carl Brow	<u>n</u>	SAMPLE RECEIVED	8-23-	-93
303 West Wall Street, S	uite 1901	RESULTS REPORTED_	8-24-	-93
Midland, TX 79701				
OMPANYBarbara	Fasken	LEASE		
ELD OR POOL SURV	Gladic	<u>la</u>		···
		Lea STATE	NM	
OURCE OF SAMPLE AND DATE TA				
NO.1 Raw water - taken	from Kinsoning fresh	<u>n water well (wind</u>	lmill). 8-21	1-93
NO.2				
NO. 3				
NO.4				
MARKS:	CHEMICAL AND PHYS			
	NO. 1	NO. 2	NO. 3	NO. 4
ipecific Gravity at 80 * F.	1.0015			
H When Sampled				
H When Received	7.32			
licarbonate as HCO,	307			
Supersaturation as CaCOs				······································
Undersaturation as CaCO,				
otsi Hardness as CaCO,	100			
ialdium as Ca	27			
lagneelum as Mg	8			
odium and/or Potassium	162			
luilaie as 50.	103			
Chioride as Ci	67			
ron aa Fe	0.54	·		
Barlum as Ba		·····	·····	
furbidily, Electric				· ·····
Color es Pt	674		······	
Temperature "F.	0/4			
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
tygrogen Suitide	0.0		·	
Resistivily, ohme/m at 77* F	12,42			
Suspended Oil				
illraole Solids as mg/l				
Volume Fillered, mi				
litrate, as N	0.0			
			ا لر <u>ور در در</u>	
	Results Reported As N			
Additional Determinations And Remarks Th	e undersigned certif	ies the above to	be true and	correct to
the best of his knowled	ye and beller.			
		······································		
			~	
			the second s	
		· · · · · · · · · · · · · · · · · · ·		
m No. 3		GACH		

Martin	Water	Laboratories,	Inc.
--------	-------	---------------	------

Mr. Carl Brown SAM 303 West Wall Street. Suite 1901 Res Midland, TX 79701 Res COMPANY	ALYSES BORATORY NO MPLE RECEIVED BULTS REPORTED	0 00	709 W. INDIANA MIDLAND, TEXAS 78701 PMONE 683-4521
RESULT OF WATER AN LAE TO: Mr. Carl Brown SAM 303 West Wall Street, Suite 1901 RES Midland, TX 79701 COMPANY	BORATORY NO	0.00	
TO: Mr. Carl Brown SAM 303 West Wall Street, Suite 1901 Res Midland, TX 79701 COMPANY Barbars Fasken LEAS FIELD OR POOL Gladiola SECTION 13 BLOCK SURVEY T-12S&R-37E COUNTY I SOURCE OF SAMPLE AND DATE TAKEN: NO. 1 Raw water - taken from Skelton Ranch House NO. 2 NO. 3 NO. 4 REMARKS: CHEMICAL AND PHYSICAL NO. 1 Specific Gravity at 60° F. 1.0011 pH When Sampled J. 400 PH When Received Z.40 Bloarbonate as HCO, 244 Supersulvation as CaCO, 244 Guersaturation as CaCO, 244 Guersaturation as CaCO, 244 Guersaturation as CaCO, 244 Sodium and/or Potassium 64 Sufface as CO 104 Chioride as CO 54		0.00	28
TO: Mr. Carl Brown SAM 303 West Wall Street, Suite 1901 Res Midland, TX 79701 COMPANY Barbars Fasken LEAS FIELD OR POOL Gladiola SECTION 13 BLOCK SURVEY T-12S&R-37E COUNTY I SOURCE OF SAMPLE AND DATE TAKEN: NO. 1 Raw water - taken from Skelton Ranch House NO. 2 NO. 3 NO. 4 REMARKS: CHEMICAL AND PHYSICAL NO. 1 Specific Gravity at 60° F. 1.0011 pH When Sampled J. 400 PH When Received Z.40 Bloarbonate as HCO, 244 Supersulvation as CaCO, 244 Guersaturation as CaCO, 244 Guersaturation as CaCO, 244 Guersaturation as CaCO, 244 Sodium and/or Potassium 64 Sufface as CO 104 Chioride as CO 54		0.00	
303 West Wall Street, Suite 1901 Res Midland, TX 79701 COMPANY			
Midland, TX 79701 COMPANY Barbars Fasken LEAS FIELD OR POOL Gladiola SECTION 13 BLOCK SURVEY T-12S&R-37E COUNTY I SOURCE OF SAMPLE AND DATE TAKEN: NO.1 Raw water - taken from Skelton Ranch House NO.2 NO.3		0.0(
COMPANY Barbara Fasken LEAS FIELD OR POOL Gladiola SECTION 13 BLOCK SURVEY T-12S&R-37E COUNTY I SOURCE OF SAMPLE AND DATE TAKEN: NO. 1 Raw water - taken from Skelton Ranch House NO. 1 Raw water - taken from Skelton Ranch House NO. 2 NO. 3			
FIELD OR POOL Gladiola SECTION	SE		
SOURCE OF SAMPLE AND DATE TAKEN: NO. 1 Raw water - taken from Skelton Ranch House NO. 2			
SOURCE OF SAMPLE AND DATE TAKEN: NO. 1 Raw water - taken from Skelton Ranch House NO. 2	.eaSTATE	NM	
NO. 2			
NO. 3	<u>garden hose</u>). 8-21-93	
NO. 4			
NO. 4			
CHEMICAL AND PHYSICAL NO. 1 Specific Gravity at 60° F. 1.0011 pH When Sampled 2.40 Bloarbonale as HCO, 2.44 Bupersaturation as CaCO, 2.44 Undersaturation as CaCO, 2.44 Specific Gravity at 60° F. 1.0011 pH When Sampled 7.40 Bloarbonale as HCO, 2.44 Bupersaturation as CaCO, 2.44 Games as CaCO, 2.44 Bupersaturation as CaCO, 2.44 Bupersaturation as CaCO, 2.44 Games as CaCO, 2.44 Carosum as Ga 85 Magnsatum as Mg 8 Sodium and/or Potassium 64 Suifate as SO, 10.4 Chioride as Cl 54			
CHEMICAL AND PHYSICAL NO. 1 Specific Gravity at 80° F. 1.0011 pH When Samplad 7.40 Bloarbonale as HCO, 244 Bupersaturation as CaCO, 244 Undersaturation as CaCO, 244 Garoum as Ca 85 Magnasium as Mg 8 Sodium andror Potassium 64 Sulfate as SO, 104 Chioride as CI 54			······································
NO. 1Specific Gravity at 60° F.1.0011pH When Samplad1.0011pH When Received7.40Bloarbonate as HCO,244Bupersaturation as CaCO,244Undersaturation as CaCO,244Catorium as Ca244Software as CaCO,244Supersaturation as CaCO,64Undersaturation as CaCO,64Software as CaCO,64Software as Co,104Chloride as Ci54			
Specific Gravity at 60° F. 1.0011 pH When Samplad 7.40 pH When Received 7.40 Bloarbonate as HCO2 244 Bupersaturation as CaCO3 244 Undersaturation as CaCO3 244 Catorum as Ca 85 Magnaelum as Mg 8 Sodium and/or Potassium 64 Suttate as SO3 104 Chloride as C1 54	NO. 2	NO. 3	NO. 4
pH When Samplad 7,40 pH When Received 7,40 Bloarbonale as HCO, 244 Supersaturation as CaCO, 1 Undersaturation as CaCO, 244 Calcium as Ca 85 Magnasium as Mg 8 Sodium and/or Potassium 64 Suifate as SO, 104 Chloride as Ci 54		NO. 3	NO. 4
pH When Received 7,40 Bioarbonale as HCO, 244 Supersaturation as CaCO, 1 Undersaturation as CaCO, 244 Catoline as CaCO, 244 Catoline as Ca 85 Magnasium as Mg 8 Sodium and/or Potassium 64 Suifate as SO, 104 Chloride as Ci 54			
Bioarbonate as HCO; 244 Supersaturation as CaCO;			
Bupersaturation as CaCO, Image: CaCO, Undersaturation as CaCO, 244. Total Hardness as CaCO, 244. Carolum as Ca 85. Magneelum as Mg 8 Sodium and/or Potassium 64. Sutifate as SO, 104. Chloride as Cl 54.			
Total Hardness as CaCO; 244 Calcium as Ca 85 Magnasium as Mg 8 Sodium and/or Potassium 64 Suifale as SO; 104 Chioride as Cl 54			
Carolum as Ga 85 Magnasium as Mg 8 Sodium andror Potassium 64 Sulfate as SO, 104 Chioride as Ci 54			
Magnasium as Mg 8 Sodium and/or Potassium 64 Sulfate as SO, 104 Chioride as CI 54			
Sodium andror Potassium 64 Sulfate as SO, 104 Chioride as Cl 54			
Suifale as SO, 104 Chioride as Cl 54			
Chloride as Cl 54			
Barium se Ba			
Turbidity. Electric			
Color as Pt Total Solids, Calculated 559			
Temperature *F.			
Carbon Dioxide, Calculated			
Dissolved Oxygen.			
Hydrogen Sulfide 0.0			
Resistivity, ohmaim al 77° F. 15, 22			
Suspended Oli			
Filtrable Solide as mol			
Volume Filleted, mi			
Nitrate, as N 0.0			
	- Par I liar		······
Results Reported As Milligram		h	
Additional Determinations and Remarks The undersigned certifies the best of his knowledge and belief.	Lne above to	<u>de true and</u>	COTTRCE TO
the same of und vulnatenke and netters			
	<u></u>		
	~~~		
	-Chining		
form No. 3	SAL A V	1. 1	1

------

-----

Martin Water	Laboratories,	Inc.
--------------	---------------	------

____

P. Q. BOX 1468 MONAHANS, TEXAS 79750 PH. 943-3234 OR 563-1040

RESULT OF WATER ANALYSES

709 W. INDIANA MIDLAND, TEXAS 79701 PHONE 883-4521

TO: <u>Mr. Carl Brown</u> <u>303 West Wall Street, Suite 1901</u> Midland, TX 79701		8-23-93	
COMPANY Barbara Faaken			
FIELD OR POOL Gladio	1 <u>a</u>		
SECTION 19 BLOCK SURVEY T-125&R-38E COUNTY	Lea STATE	NM	
SOURCE OF SAMPLE AND DATE TAKEN:			
NO.1 Raw water - taken @ Houston Ranch House	e (kitchen faucet).	8-21-93	
NO. 2			
NO. 3			

NO. 4 _____

REMARKS:				
CH	IEMICAL AND PHYSICAL	PROPERTIES	مى بىلى ئىلىلى يۈرىيى بىرىي مىكى الىكى	
	NO, 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0020			
pH When Sampled				
pH When Received	7.32			
Bigarbonale se HCO,	220			
Superaturation as CaCO,				
Undersaturation as CaCO,				
Total Hardness as CaCO,	512			
Caldum as Ca	170			
Magnesium as Mg	21			
Sodium and/or Potessium	91			
Suitsie as 80,	132			
Chioride as Cl	278			
iron ss Fe	0.05	•		
Barlum as Ba				
Turbidity, Elecíric				
Color as PI				
Total Solida, Calculated	912			
Temperature 1F.				
Carbon Dioxide. Calculated				
Dissolved Oxygen.				
Hydrogen Bullide	0.0			
Peelstivity, ohms/m at 77* F	7,20			
Suspended Oli				
Filirable Bolids as mg/l				
Volume Filtered, ml				
Nitrate, as N	1.0			
	Results Reported As Milligram			
Additional Determinations And Remarks The under	signed certifies	the above to	be true and	correct to
the best of his knowledge and	belief.			
			······································	
, 				
				f
		- ( - jage - )-	a per l	
'erm No. 3	_	MI	an Jun	2
	Ву	Waylah C.	Martin, M.A.	

-----

-

----

-----

# Martin Water Laboratories, Inc.

P. O, 80	DX 1468
MONAHANE, PH. 943-3234	TEXA8 79766

709 W. INDIANA

			89312	9	
Mr. Carl Brown			A		
O: <u>Mr. Carl Brown</u> 303 West Wall Street, Suite 1901				24-93	
lidland, TX 79701					
MPANY Barbara Fas	ken	LEASE			
				· · · · · · · · · · · · · · · · · · ·	
CTION BLOCK SURVEY _T	-12S&R-37ECOUNTY	Lea STATE	NM		
URCE OF SAMPLE AND DATE TAKEN:		Contraction of the second s			
NO.1 Raw water - taken from	Bill Green Fresh	n water well (gar	den hose).	8-21-93	
NO.2					
NO.3					
NO. 4					
MARKS:					
	CHEMICAL AND PHYSI	CAL PROPERTIES			
	NO. 1	NO. 2	NO. 3	NO. 4	
pecific Gravity at 60 * F	1.0024				
H When Sampled					
H When Received	6.93			*****************	
icarbonale se HCO.	273				
Bupersaturation as CaCO,					
Undersaturation as CaCO,					
otal Heronèse as CaCO ₁	720				
alojum as Ce	220				
lagnesium as Mg	41				
odlum and/or Potassium	263				
ultare as \$0,	169				
hloride as Ci	632				
on as Fe	0.90				
arium as Ba					
urbidity, Electric					
olor se Pt					
ola) Bolids, Calculated	1,598				
arbon Diokide, Calquisted					
asolved Oxygen.					
ydrogen Sulfide	0.0			·	
Beislivity, onma/m at 77* F.	3.89			·····	
uspended Oil					
lirable Solids as mg/l					
Volume Fillerad, mt					
itrate, as N	0.0				
	Pesuits Reported As Mill	Igrams Per Liler			
dditional Determinations And Remarks The unc	lersigned certifi	es the shove to h	a true and a	ATTACT -	
he best of his knowledge ar	id belief.		C CLUE MIU C		

~ Ũ Waylan C. Martin, M.A. 8y

Form No. 3

### BARBARA FASKEN FASKEN OIL AND RANCH INTERESTS

303 WEST WALL AVENUE, SUITE 1900 MIDLAND, TEXAS 79701-5116 (915) 687-1777 93 DE 121 AM DIVISION

December 15, 1993

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

Attention: Mr. Ben Stone

Re: Application for Authorization to Inject Barbara Fasken-Operator Wingerd #13 Sec 24, T-12S, R-37E Gladiola Field Lea County, New Mexico

Dear Mr. Stone:

Attached please find copies of the affidavit of publication for the above mentioned application, and certified mail return receipts for the copies of the application provided to the offset operators and land owner. The latest notification date is December 10, 1993.

Thank you for your help in this matter.

Sincerely,

non

Carl Brown Petroleum Engineer

CWB/cb cc: File

•   •   retri •   •	ENDER: Complete items 1 and/or 2 for additional services. Complete items 3, and 4a & b. Print your name and address on the reverse of this form so the urn this card to you. Attach this form to the front of the mailpiece, or on the back is not permit. Write "Return Receipt Requested" on the mailpiece below the art The Return Receipt will show to whom the article was delivered a ivered.	if space icle number.	I also wish to receive the following services (for an extra fee): 1.
3	Article Addressed to:	4a. Arti	icle Number
	Wadi Petroleum, Inc.	P 32	2 142 949
	1440 S. Walters Rd., Suite 400	4b. Ser	vice Type
	Houston, TX 77014	Regis	
		Certi	
	< _	<u> </u>	Merchandise
	V. a. alyton	7. Date	of Delivery
5.	Signature (Addressee) 💋	8. Addr and	ressee's Address (Only if requested fee is paid)
6.	Signature (Agent)		

# P 322 142 949



Receipt for Certified Mail No Insurance Coverage Provided Do not use for International Mail (See Reverse)

	Wadi Petroleum,	Inc.	
	1440 S. Walters	Rd., Ste.	400
	P.O., State and ZIP Code Houston, TX 770	14	
	Postage	\$	
PS Form <b>3800,</b> June 1991	Certified Fee		
	Special Delivery Fee		
	Restricted Delivery Fee		
	Return Receipt Showing to Whom & Date Delivered		
	Return Receipt Showing to Whom, Date, and Addressee's Address		1
	TOTAL Postage & Fees	\$	
	Postmark or Date 12- Wingerd #13 - In	6-93 jection	

<ul> <li>Complete items 1 and/or 2 for additional services.</li> <li>Complete items 3, and 4a &amp; b.</li> <li>Print your name and address on the reverse of this form so that we can return this card to you.</li> <li>Attach this form to the front of the mailpiece, or on the back if space does not permit.</li> <li>Write "Return Receipt Requested" on the mailpiece below the article number.</li> <li>Write "Return Receipt will show to whom the article was delivered and the date delivered.</li> <li>Amoco Production Co.</li> <li>501 Westlake Park Blvd.</li> <li>Houston, TX 77079</li> <li>Complete items 1 and/or 2 for additional services.</li> <li>I also wish to rece following services (for a fee):</li> <li>1. Addressee's Addre</li></ul>	ddress very
<ul> <li>return this card to you.</li> <li>Attach this form to the front of the mailpiece, or on the back if space does not permit.</li> <li>Write "Return Receipt Requested" on the mailpiece below the article number.</li> <li>The Return Receipt will show to whom the article was delivered and the date delivered.</li> <li>Article Addressed to:</li> <li>Amoco Production Co.</li> <li>Sol Westlake Park Blvd.</li> <li>Houston, TX 77079</li> </ul>	very
<ul> <li>Attach this form to the front of the mailpiece, or on the back if space does not permit.</li> <li>Write "Return Receipt Requested" on the mailpiece below the article number.</li> <li>The Return Receipt will show to whom the article was delivered and the date delivered.</li> <li>Article Addressed to:</li> <li>Article Addressed to:</li> <li>Amoco Production Co.</li> <li>Soll Westlake Park Blvd.</li> <li>Houston, TX 77079</li> <li>Attach this form to the front of the mailpiece below the article number.</li> <li>Consult postmaster for the date delivered.</li> <li>Consult postmaster for the date delivered.</li> <li>Bervice Type</li> <li>Insured</li> </ul>	very
<ul> <li>The Return Receipt will show to whom the article was delivered and the date Consult postmaster for delivered.</li> <li>Article Addressed to:</li> <li>Amoco Production Co.</li> <li>Sol Westlake Park Blvd.</li> <li>Houston, TX 77079</li> </ul>	•
<ul> <li>The Return Receipt will show to whom the article was delivered and the date Consult postmaster for the delivered.</li> <li>3. Article Addressed to:</li> <li>Amoco Production Co.</li> <li>501 Westlake Park Blvd.</li> <li>Houston, TX 77079</li> </ul>	•
3. Article Addressed to:4a. Article Number P 322 142 937Amoco Production Co.937501 Westlake Park Blvd.4b. Service Type C RegisteredHouston, TX 7707910 or 10	
Express Mail Return Rec	
7. BECot Delivery	<u>36</u>
5. Signature (Addressee) 8. Untresteers 1007 ss (Only if r	reques
and fee is paid	· • • •
6. Signature (Agent)	

## P 322 142 937

.



.

	(See Reverse)	
ſ	Amoco Production	Co.
	501 Westlake Par	k Blvd.
Ī	Houston, TX 770	79
	Postage	\$
	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
991	Return Receipt Showing to Whom & Date Delivered	
ne 1	Return Receipt Showing to Whom, Date, and Addressee's Address	
J, Ju	TOTAL Postage & Fees	\$
PS Form <b>3800</b> , June 1991	Postmark or Date 12-6-93 Wingerd #13 - Injection	

Put your address in the "RETURN TO" Space on the reverse s from being returned to you. <u>The return receipt fee will provide</u> the date of delivery. For additional fees the following services and check box(es) for additional service(s) requested. 1. Show to whom delivered, date, and addressee's add ( <i>Extra charge</i> )	you the name of the person delivered to and are available. Consult postmaster for fees
3. Article Addressed to:	4. Article Number
Brothers Production Co., Inc. P.O. Box 7515 Midland, TX 79708	P       322       142       938         Type of Service:       □       Insured         □       Registered       □       Insured         □       Certified       □       COD         □       Express Mail       □       Return Receipt for Merchandise
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature – Addressee X [*]	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature – Agent X T-i Rubrum	
7. Date of Delivery	
S Form 3811, Apr. 1989 +U.S.G.P.O. 1989-238-815	DOMESTIC RETURN RECEI

# 9-322 142 938

· · ·

	Receipt for Certified M No Insurance Co Do not use for In (See Reverse)	verage Provided	1
	Sent to Brothers Product	ion Co.,	Inc.
	P.O. Box 7515 PO. State and ZIP Code Midland, TX 797	708	
	Postage	\$	
	Certified Fee		
	Special Delivery Fee		
	Restricted Delivery Fee		
991	Return Receipt Showing to Whom & Date Delivered		
1 aur	Return Receipt Showing to Whom, Date, and Addressee's Address		
۲, J	TOTAL Postage & Fees	\$	
PS Form 3800, June 1991	Postmark or Date 12-6-9: Wingerd #13 - In,		

<ul> <li>SENDER:</li> <li>Complete items 1 and/or 2 for additional services.</li> <li>Complete items 3, and 4a &amp; b.</li> <li>Print your name and address on the reverse of the service of</li></ul>	f space 1. Addressee's A	an extra egi ddress of the state of the stat
3. Article Addressed to: •	4a. Article Number	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Dean Kinsolving P.O. Box 325 Jatum, NM 88267	P 322 142 948 4b. Service Type ☐ Registered ☐ Insured Ø Certified ☐ COD ☐ Express Mail ☐ Return Red Merchandi	
	7. Date of Delivery	, no
5. Signature (Addressee) 6. Signature (Agent)	8. Addressee's Address (Only if and fee is paid)	requested y car

#### P-322 142 948



· ·

Receipt for Certified Mail No Insurance Coverage Provided Do not use for International Mail (See Reverse)

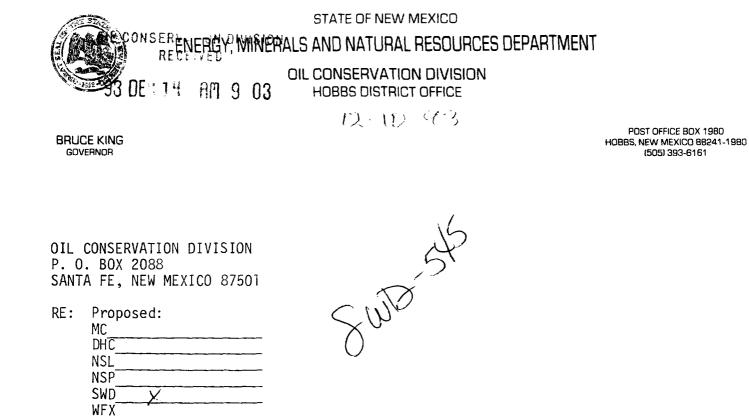
Dean Kinsolving Street and No P.O. Box 325 P.O. State and ZIP Code	
Tatum, NM 88267	· · · · · · · · · · · · · · · · · · ·
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date 1	2-6-93
Wingerd #13 - In	jection

ł

3. Article Addressed to: Yates Petroleum Corporation 105 S. Fourth St. Artesia, NM 88210	4. Article Number P 322 142 939 Type of Service: Registered I Insured Certified COD Express Mail Return Receipt
~	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .

P 322 142 939

	Yates Petroleum	Corporation	
	105 S. Fourth St.		
	P.O., State and ZIP Code Artesia, NM 882	210	
<b>0,</b> June 1991	Postage	\$	
	Certified Fee		
	Special Delivery Fee		
	Restricted Delivery Fee		
	Return Receipt Showing to Whom & Date Delivered		
	Return Receipt Showirig to Whom, Date, and Addressee's Address		
	TOTAL Postage & Fees	\$	
PS Form <b>3800,</b> June 1991	Postmark or Date 12-6 Wingerd #13 - Ir		
_			



Gentlemen:

РМХ

I have examined the application for the:

H, 13 arbara waard 24-12 37 ne, Operator llnit ease

and my recommendations are as follows:

Yours very truly, Verry Sexton

Supervisor, District 1

/ed