BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION FOR AUTHORIZATION TO INJECT

LUSK WEST (DELAWARE) UNIT

Lea County, New Mexico

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APPLICATION

FORM C-108

UIL CUNSERVATION DIVISION POST OFFICE BOX 2018 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501

FURM U-108 Revised 7-1-81

APPLIC	ATION FOR AUTHORIZATION TO INJECT
I.	Purpose: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? yes X no
II.	Operator: Parker & Parsley Development L.P.
	Address: P. O. Box 3178, Midland, TX 79702
	Contact party: J. Britt Hirth Phone: 915/571-1266
111.	Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
٧.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
* 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:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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 available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
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: J. Britt Hirth Title Sr. Operations Engineer
	Signature: J Britt Hick Date: 12/11/96
imdua	e information required under Sections VI, VIII, X, and XI above has been previously tted, it need not be duplicated and resubmitted. Please show the date and circumstance e earlier submittal.

III. WELL DATA

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

 The data must be both in tabular and schematic form and shall include:
 - (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.

INJECTION WELL DATA SHEET SECTION III

Parker & Parsley

OPERATOR	: <u> </u>	<u>Development L.P</u>	<u>. </u>		LEASE:	LUSK DEEF	OUNIT "A"		 	
WELL NO_	12	1660' FNL	& 2300' FE	:L	SEC-20	٦	Γ-19-S		R-32-E	
- se	CHEMATIC	FOOTAGE L	OCATION		SECTION	7	TOWNSHIP	•	RANGE	
			1. SUFAC	E CASING		WELL CON	STRUCTIO)N DATA		
13-3/8"		819'	SIZE:	13-3/8	INCHES	CEMENT	ED WITH:		500	sx
			TOC:	Surface		FEET DETERM	MINED BY: _		Circulated	
			HOLE SIZE:		17-1/2	l	NCHES			
			2. INTERN	IIDIATE CA	ASING					
			SIZE:	8-5/8	INCHES	CEMENT	ED WITH:		1650	S
8-5/8"		4482'	TOC:	1350			_		emp. Survey	
						· I	_			
			3. LONG S							
									000	
			SIZE:	5-1/2			ED WITH:		800	S
			TOC:	2710		FEET DETER	MINED BY: _	T	emp. Survey	
			HOLE SIZE:		7-7/8	I	NCHES			
			4. INJECT	ION INTER		6446 F	_			
		PKR @ 6370'				RFORATE		ATE WINO	.,,	
	<u> </u>		5. TOTAL	DEPTH:		6700 F	EET			
		PERFS 6446'-6467'	6. TUBING	SIZE						
5-1/2"		6683'	SIZE:	2-7/8	INCHES	LINED WITH:	I	PC 505 -	PLASTIC COATING	
			SET IN A:	ARROW S	- SET 1-XS, F	- DKB 1	PACKER AT:		6370 FEET:	
			OET IIVA.	711110110	<u> </u>		AOREN AT.			
OTHER DAT	Α									<u> </u>
A. IS	THIS A NEV	WWELL DRILLED FOR IN	IJECTION?		YES	X	NO			
IF	NO, FOR W	HAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILI	LED?	Ţ.	PRODUCIN	IG OIL AN	ND GAS WELL	
C	OMMENT: S	PUD WELL 11/2/74. P&A	WELLBORE 8	/27/86. RE-E	NTRY 4/12/89					
B. N	AME THE IN	JECTION FORMATION:		6400' SAN	ID (BRUSH	Y CANYON)				-
C. N	AME THE FII	ELD OR POOL (IF APPLIC	CABLE)		LUSK WES	ST (DELAW)	 ARE)			
		LL EVER BEEN PERFORA	·					ERVALS AN	ID GIVE PLUGGED	
		SACKS OF CEMENT OR F			• •				P, PERFS 10680'-10708',	
<u>CI</u>	IBP AT 1064	0' W/5, SX, CMT/TOP, P	ERFS 11460'-1	11581', CIBP A	AT 11430',W/5,	SX, CMT/TOP	, CIBP AT 12	2212' W/20,	SX, CMT/TOP	
E . G	IVE THE NAI	ME(S) AND DEPTH(S) OF	ANY OVER C	R UNDERLY	ING OIL OR G	AS ZONES IN	THIS AREA: _			
1.	YATES 2	2600'-2800'	WATKINS		_	5. STRAWN	11000'-1	1200'	LUSK STRAWN OIL	
			N.E. LUSK S. LUSK Y		-	6. ATOKA	11200'-114	00'	LUSK ATOKA GAS	
2	. DELAWA	RE 4600'-7100'	W. LUSK (DELAWARI	E .	7. MORRO	N 11500'-1	12000'	LUSK MORROW GA	4 S
_			LUSK DEL	AWARE	-				N.W. LUSK MORROW	
3	. BONE SI	PRING 8200'-8950'	WATKINS LUSK BO	BONE SPENCE					FORM C-108	
			S. LUSK B	ONE SPRI	NG			APPLI	SECTION III CATION FOR AUTHORIZA	ATION
	W01 = 0	ALAD 404001 407001	-			•			TO INJECT Parker & Parsley	
4	. VVOLF C	AMP 10100'-10700'	E. LUSK V	VOLFCAME	OIL			V	Development L.P. WATER INJECTION WELL	,
			S. LUSK V	VOLFCAME	OIL					

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley OPERATOR: Development L.P. LEASE: LUSK DEEP UNIT "A" WELL NO _____14 330' FSL & 1980' FEL SEC-20 T-19-S R-32-E **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING INCHES 13-3/8 1000 CEMENTED WITH: SIZE: SX 13-3/8" FEET DETERMINED BY: Circulated Surface TOC: 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 1700 SX 8-5/8 Circulated Surface TOC: FEET DETERMINED BY: HOLE SIZE: 12-1/4 INCHES 3. LONG STRING 5-1/2 INCHES 850 CEMENTED WITH: SX 2320 Temp. Survey FEET DETERMINED BY: 7-7/8 4. INJECTION INTERVAL 6452 FEET TO: 6459 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) \boxtimes □ 🛭 🧱 PKR@ "PERFORATED" 6380 **5. TOTAL DEPTH:** 7200 FEET **PERFS** 6452-6459 6. TUBING SIZE 71991 5-1/2" 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6380 FEET: OTHER DATA X NO IS THIS A NEW WELL DRILLED FOR INJECTION?

YES PRODUCING OIL AND GAS WELL IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: В. LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES 1. YATES 2600'-2800' 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS

2. DELAWARE 4600'-7100'

3. BONE SPRING 8200'-8950'

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

W. LUSK DELAWARE

WATKINS BONE SPRING LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

LUSK DELAWARE

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

LUSK MORROW GAS

N.W. LUSK MORROW GAS N. LUSK MORROW GAS

7. MORROW 11500'-12000'

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley **OPERATOR:** Development L.P. LEASE: LUSK DEEP UNIT "A" WELL NO 17 330' FNL & 330' FEL SEC-20 T-19-S R-32-E **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES CEMENTED WITH: 1000 SX 882 13-3/8" Surface FEET DETERMINED BY: Circulated TOC: 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 1450 SIZE: sx 4510 8-5/8" FEET DETERMINED BY: Circulated TOC: Surface HOLE SIZE: 12-1/4 INCHES 3. LONG STRING 800 5-1/2 SIZE: INCHES CEMENTED WITH: SX TOC: 2790 FEET DETERMINED BY: CALCULATED 7-7/8 INCHES HOLE SIZE: 4. INJECTION INTERVAL 6476 6484 FEET TO: (PERFORATED OR OPEN HOLE; INDICATE WHICH) ⊠ Ø PKR@ "PERFORATED" 6400' **PERFS** 5. TOTAL DEPTH: 7224 6476'-6484' 6. TUBING SIZE 7220 IPC 505 - PLASTIC COATING 5-1/2" LINED WITH: 2-7/8 INCHES SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6400 FEET: OTHER DATA X IS THIS A NEW WELL DRILLED FOR INJECTION? YES NO IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? PRODUCING OIL AND GAS WELL 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: B. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: 1. YATES 2600'-2800' WATKINS YATES 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' **LUSK ATOKA GAS** 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** N.W. LUSK MORROW GAS LUSK DELAWARE N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING

LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL

S. LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsiey
Development L.P.
WATER INJECTION WELL
TABULATION OF WELL DATA

OPERATO	D.	Parker & Parsley Development L.F			I EASE:	LUSK DEEP UNIT "A	, II		
OPERATO				•					
WELL NO	20	660' FEL 6	& 2310' FSL OCATION		SEC-20 SECTION	T-19-S TOWNSHIP			
	SCHEMAT								
			1. SUFAC	E CASING		WELL CONSTRUCT	ION DATA		
			SIZE:	13-3/8	INCHES	CEMENTED WITH:		900	S
13-3/8"		872'				-	-		
			TOC:	Surface		FEET DETERMINED BY:	Circul	ated	
			HOLE SIZE:		17-1/2	INCHES			
			2. INTERN	IIDIATE CA	SING				
		4485'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2	350	S
8-5/8"		7400	TOC:	Surface		FEET DETERMINED BY:	Circul	ated	
		PKR @ 6400'				-			
			HOLE SIZE:		12-1/4	INCHES			
			3. LONG S	TRING					
			SIZE:	5-1/2	INCHES	CEMENTED WITH:		800	S
			TOC:	3030		FEET DETERMINED BY:	Temp. S	Survey	
			HOLE SIZE:		7-7/8	INCHES			
				ION INTER		6469 FEET TO:	6487	FEET	
		PKR @	4. 1145201	ION INTER	(PERFORAT	ED OR OPEN HOLE; IND			
		6400'			"Pŧ	ERFORATED"			
		PERFS 6469'-6487'	5. TOTAL	DEPTH:		7230 FEET			
	CIBP	CIBP 6800'	6. TUBING	SIZE					
5-1/2	_	7230'	SIZE:	2-7/8	INCHES	LINED WITH:	IPC 505 - PLAST	IC COATING	
			SET IN A:	ARROW S	:FT 1-XS	PKR PACKER AT	6400	FEET:	
			SET IN A.	AITTOWO	L1 1-XO, 1	FACKLINAT			
OTHER DA	ATA								
Α.	IS THIS A NE	EW WELL DRILLED FOR IN	IJECTION?		YES	X NO			
	IE NO FOR I	WHAT PURPOSE WAS TH	EWELL ORIG	INALLY DRILL	· FD2	PRODUC	ING OIL AND GAS	WELL	
		mini i dili del ime ili	L WELL ON					***************************************	
								<u> </u>	
В.	NAME THE I	NJECTION FORMATION:		6400' SAN	D (BRUSH	Y CANYON)			
C.	NAME THE F	FIELD OR POOL (IF APPLIC	CABLE)		LUSK WE	ST (DELAWARE)			
D.		ELL EVER BEEN PERFOR SACKS OF CEMENT OR I			• •	L SUCH PERFORATED IN 050'-7154, SET CIBP			אסטי
	· · · · -, · · -						,		
E.	GIVE THE NA	AME(S) AND DEPTH(S) OF	ANY OVER C	R UNDERLYI	NG OIL OR G	AS ZONES IN THIS AREA	: <u></u>		
	1. YATES	2600'-2800'	WATKINS N.E. LUSK			5. STRAWN 11000'-	11200' LUSK	STRAWN OIL	
			S. LUSK Y	ATES	•	6. ATOKA 11200'-11	400' LUSK	ATOKA GAS	
,	2. DELAW	'ARE 4600'-7100'		DELAWARE	<u> </u>	7. MORROW 11500'		MORROW GAS	
			LUSK DEL		•			LUSK MORROW SK MORROW G	
	3. BONE S	SPRING 8200'-8950'		BONE SPENE		•	FC	ORM C-108	
			S. LUSK B	ONE SPRI	NG	-		ECTION III FOR AUTHORIZATI	ON
			E. LUSK B	ONE SPRI	NG	-	Т	O INJECT er & Parsley	
	4. WOLF (CAMP 10100'-10700'	LUSK WO				Deve	lopment L.P. NJECTION WELL	

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

OPERATOR	l:	SHACKELFORD	OIL CO.	_	LEASE:	MOBIL F	EDERAL			
WELL NO_	1	1650' FNL					T-19-S		R-32-E	
S	CHEMAT		OCATION		SECTION		TOWNSHIP		RANGE	
·	24 !		4 04540	E GARING		WELL C	ONSTRUCTIO	ON DATA	\	
			I. SUFAC	E CASING						
		4041	SIZE:	13-3/8	INCHES	СЕМЕ	ENTED WITH:		475	S
13-3/8"		461'	TOC:	Surface		FEET DET	ERMINED BY:		Circulated	
					-	-	_			
				MIDIATE CA						
8-5/8"		4257'	SIZE:	8-5/8	INCHES	CEME	ENTED WITH:		860	S)
		CURRENT U.DELAWARE	TOC:	Surface		FEET DET	ERMINED BY:		Circulated	
		PERFS 4874'-5040'	HOLE SIZE:		12-1/4		INCHES			
		PROPOSED TO CMT SQZ OFF U. DEL.	3. LONG S	STRING						
			SIZE:	5-1/2	INCHES	СЕМЕ	ENTED WITH:		875	S)
			TOC:	4248		FEET DET	ERMINED BY:	-	Temp. Survey	
			HOLE SIZE:		7-7/8	-	INCHES			
							FEET TO:		6479 FEET	
		☑ PKR @	4. INSECT		(PERFORAT	ED OR OPE	N HOLE ; INDIC			
		PKR @ 6400'			"Pt	ERFORA	IED"			
	1991		5. TOTAL	DEPTH:		6700	FEET			
		6469'-6479'	6. TUBING	SIZE						
5-1/2"		6692'	SIZE:	2-7/8	INCHES	LINED WIT	H:	PC 505 -	- PLASTIC COATING	
			SET IN A:	ARROW S	ET 1-XS,	PKR	PACKER AT:		6400 FEET:	
					,					
OTHER DAT	ΓΑ									
A. IS	S THIS A NI	EW WELL DRILLED FOR IN	IJECTION?		YES	X	NO			
ıe	NO FOR		E WELL ODIO		ED2				ND GAS MELL	
IF.	NO, FOR	WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILL	EU?		PRODUCIN	G OIL AI	ND GAS WELL	
_										
B. N	AME THE I	INJECTION FORMATION:		6400' SAN	D (BRUSH	Y CANYC	N)			
C. N	AME THE I	FIELD OR POOL (IF APPLIC	CABLE)		LUSK WE	ST (DELA	WARE)			
		ELL EVER BEEN PERFOR								
		FS 4874'-4892' CIBP @								
_		AME(S) AND DEPTH(S) OF								
		2600'-2800'	WATKINS				- WN 11000'-1	1200'	LUSK STRAWN OIL	
_1.	. TAILS	2000-2000	N.E. LUSK	(YATES						
			S. LUSK Y	AIES		6. ATOK	A 11200'-114	00,	LUSK ATOKA GAS	
2.	. DELAW	/ARE 4600'-7100'	W. LUSK I	DELAWARE _AWARE		7. MORF	ROW 11500'-1	2000'	LUSK MORROW GAS N.W. LUSK MORROV	
၁	BON⊏ 9	SPRING 8200'-8950'	MATKING	BONE SPF	RING				N. LUSK MORROW (
<u>3</u>	. DOINE (J. 11110 0200-0900	 	NE SPRING		-			FORM C-108	
			S. LUSK E	ONE SPRI	NG	-		ADDI	SECTION III LICATION FOR AUTHORIZA	TION
			E. LUSK E	ONE SPRI	NG	-		APPL	TO INJECT	HON
Α	WOLF	CAMP 10100'-10700'	LUSK WO	LFCAMP O	II				Parker & Parsley Development L.P.	
<u></u>		5. Will 10 100 - 10 100		VOLFCAMP					WATER INJECTION WELL	
				VOLFCAMP		-				

OPERATOR:	SHACKELFORD	OIL CO.		LEASE:	AMOCO	FEDERAL			
WELL NO	2 990' FNL	% 1650' FW	L	SEC-21		T-19-S		R-32-E	
SCH	FOOTAGE L	OCATION		SECTION		TOWNSHIP		RANGE	
		1. SUFAC	E CASING		WELL C	ONSTRUCTION	ON DATA	\	
		I. SUFAC	E CASING						
13-3/8"	459'	SIZE:	13-3/8	INCHE	S CEME	ENTED WITH:		475	sx
		TOC:	Surface		_FEET DET	ERMINED BY:		Circulated	
		HOLE SIZE:		17-1/2		INCHES			
			IIDIATE CA		·				
8-5/8"	4250'	SIZE:	8-5/8	INCHE	S CEME	ENTED WITH:		100 LED 3088' 8-8/5" CSG	SX
		TOC:	Surface	-	_FEET DET	ERMINED BY:		Circulated	
		HOLE SIZE:	- , , , , .	12-1/4		INCHES			
		3. LONG S	STRING						
		SIZE:	5-1/2	INCHE	S CEME	ENTED WITH:		2250	sx
					_	NOTE: PUMP	PED 1575 S	XS CMT FROM TOPSIDE	
					_	ERMINED BY:		Circulated	
		HOLE SIZE:		7-7/8	3	INCHES			
		4. INJECT						6503 FEET	
	☑				ERFORA	EN HOLE ; INDI ATED"	CATE WHIC	- п)	
	PERFS	5 TOTAL	DEPTH:		6700	FEET			
	6489'-6503'	6. TUBING			0700				
22	6650'	o. TUBING							
5-1/2"	6650'	SIZE:	2-7/8	INCHES	LINED WIT	ГН:	IPC 505	- PLASTIC COATING	
		SET IN A:	ARROW S	ET 1-XS,	PKR	PACKER AT:		6420FEET:	
OTUED DATA									
OTHER DATA									
A. IS TH	IS A NEW WELL DRILLED FOR IN	IJECTION?		YES	X	NO			
IF NO	, FOR WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILL	ED?		PRODUCII	NG OIL A	ND GAS WELL	
B. NAME	THE INJECTION FORMATION:		6400' SAN	D (BRUSI	Y CANYO	ON)			
C. NAME	THE FIELD OR POOL (IF APPLI	CABLE)		LUSK W	EST (DELA	AWARE)			
D. HAS	THE WELL EVER BEEN PERFOR	ATED IN ANY	OTHER ZONE	(S)? LIST A	LL SUCH PE	RFORATED INT	ERVALS AI	ND GIVE PLUGGED	
DETA	AIL, I.E. SACKS OF CEMENT OR I	PLUG(S) USE	YES	3/92 PERFS	4856'-4867'	W/CIBP @ 4995	CURRENT	TLY PRODUCING FROM	
<u>U. D</u>	ELAWARE PERFS 4856'-4	867' PLAN	TO SQZ OF	FF U. DEL	AWARE C	CONVERT TO	WIW IN	6469'-6503' PERFS	
E. GIVE	THE NAME(S) AND DEPTH(S) OF	ANY OVER C	R UNDERLYII	NG OIL OR	GAS ZONES	IN THIS AREA:			
1. Y/	ATES 2600'-2800'	WATKINS	YATES		5. STRA	WN 11000'-1	1200'	LUSK STRAWN OIL	
		N.E. LUSK S. LUSK Y			6. ATOK	A 11200'-114	100'	LUSK ATOKA GAS	
2 0	ELAWARE 4600'-7100'		DELAWARE	:		ROW 11500'-		LUSK MORROW GAS	
2. 01	<u> </u>	LUSK DEL		-	7. 1010111	11300-	12000	N.W. LUSK MORROV	V GAS
3. B0	ONE SPRING 8200'-8950'				_			N. LUSK MORROW G	iAS
			NE SPRING					FORM C-108 Section III	
			ONE SPRI		_		APPL	ICATION FOR AUTHORIZATI	ON
			SIVE OF IXII		-			TO INJECT Parker & Parsley	
<u>4. W</u>	OLF CAMP 10100'-10700'							Development L.P.	
			VOLFCAMP		_			WATER INJECTION WELL ABULATION OF WELL DATA	
		S. LUSK V	VOLFCAMP	OIL					

OPERAT	OR: SHACKELFORI	OIL CO.	LEASE:	MOBIL	FEDERAL	 	
WELL NO) 4 1650' FV	VL & 2310' F	SL SEC-21		T-19-S	R-32-E	
	FOOTAGE SCHEMATIC	LOCATION	SECTION		TOWNSHIP	RANGE	
_				WELL C	CONSTRUCTION DA	ATA .	
		1. SUFAC	E CASING				
		SIZE:	13-3/8 INCH	ES CEM	IENTED WITH:	475	S)
		TOC:	Surface	FEET DE	TERMINED BY:	Circulated	
		HOLE SIZE:	17-1/2		INCHES		
		2. INTERN	MIDIATE CASING				
		SIZE:	N/A inch	ES CEM	IENTED WITH:	N/A	S
13-3/8"	A77' A77'	TOC:	N/A	FEET DE	TERMINED BY:	N/A	
			N.				-
		3. LONG					
						2022	
		SIZE:	5-1/2 INCH		IENTED WITH:	2620	S
		TOC:	Surface		TERMINED BY: PLUG TO 1336' CMT'D W	Circulated //720 SXS TO CIRCULATE.	
		HOLE SIZE:	7-7	/8	INCHES		
		4. INJECT	ION INTERVAL				
	☑ PKR @ 6400'			PERFORA	PEN HOLE ; INDICATE W ATED"	/HICH)	
	PERFS	5. TOTAL	DEPTH:	7230	FEET		
	6468'-6476' [CIBP @ 6550'	6. TUBING					
5-1		SIZE:		LINED W	ITH: IPC 50	05 - PLASTIC COATING	
		SET IN A:	ARROW SET 1-XS	, PKR	PACKER AT:	6400FEET:	
OTHER D)ATA						
	IS THIS A NEW WELL DRILLED FOR	IN IECTIONS	YES	x	NO		
Α.	IS THIS A NEW WELL DRILLED FOR	INJECTION?	153				
	IF NO, FOR WHAT PURPOSE WAS T	HE WELL ORIG	SINALLY DRILLED?		PRODUCING OIL	_ AND GAS WELL	
			<u> </u>		<u></u>		
В.	NAME THE INJECTION FORMATION	:	6400' SAND (BRUS	SHY CANY	ON)		
C.	NAME THE FIELD OR POOL (IF APP	LICABLE)	LUSK W	/EST (DEL	AWARE)		
D.	HAS THE WELL EVER BEEN PERFO	RATED IN ANY		ALL SUCH P	ERFORATED INTERVALS	S AND GIVE PLUGGED	
	DETAIL, I.E. SACKS OF CEMENT OF	R PLUG(S) USE	D. NO				
						·	
E.	GIVE THE NAME(S) AND DEPTH(S)	OF ANY OVER (OR UNDERLYING OIL OF	R GAS ZONE	S IN THIS AREA:		
	1. YATES 2600'-2800'	WATKINS		5. STRA	AWN 11000'-11200'	LUSK STRAWN OIL	
		N.E. LUSK Y		6. ATO	KA 11200'-11400'	LUSK ATOKA GAS	
	2. DELAWARE 4600'-7100'	W. LUSK	DELAWARE	7. MOR	ROW 11500'-12000	LUSK MORROW GAS	3
		LUSK DEI	LAWARE			N.W. LUSK MORROV	
	3. BONE SPRING 8200'-8950			<u> </u>			<i></i>
			NE SPRING BONE SPRING			FORM C-108 Section III	
			BONE SPRING	_	A	PPLICATION FOR AUTHORIZAT	rion
	4 MOLE CAMP 10100 1070	Y THEK MA	N ECAMP OII			Parker & Parsley	
	4. WOLF CAMP 10100'-10700		WOLFCAMP OIL			Development L.P. WATER INJECTION WELL	
			WOLFCAMP OIL	<u> </u>			

Parker & Parsley

OPERA	TOR:	Development L	.Р.		LEASE:	SOUTHE	RN CAILFO	RNIA FEDERAL	
WELL	4	1650' FS	SL & 990' FE	L	SEC-29		T-19-S	R-32-E	
			LOCATION		SECTION		TOWNSHIP	RANGE	
	SCHEMAT	IC				WELL C	ONSTRUCT	ION DATA	
			1. SUFACE	CASING					
			SIZE:	13-3/8	INCHES	СЕМЕ	NTED WITH:	775	sx
13-3/8"		877'	TOC:	Surface		FEET DET	ERMINED BY:	Circulated	
	les:	33	HOLE SIZE:		17-1/2		INCHES		
			2. INTERM	IDIATE CA	SING				
	B"		SIZE:	8-5/8	INCHES	CEME	NTED WITH:	2660	sx
8-5/	3"	3836'	-			•	,	Circulated	
			•			•		Oirculated	
		PKR @ 6360'	HOLE SIZE:		12-1/4		_INCHES		
			3. LONG S	TRING					
			SIZE:	4-1/2	INCHES	CEME	NTED WITH:	600	SX
			TOC:	3400		FEET DET	ERMINED BY:	SQZ HOLE @ 3400' W/35 SXS CMT	
		PKR @	HOLE SIZE:		7-7/8		INCHES		
	M	i 884	4. INJECTI	ON INTER			FEET TO:	6450 FEET	
		PROPOSED DELAWARE PERFS @				ED OR OPE		ICATE WHICH)	
		PROPOSED	5. TOTAL I	DEPTH:		11449	FFFT		
		6600'	6. TUBING			11110			
	11	PERFS 11324'-11368'						IDO FOE DI ACTIC COATINO	
	Handa (1971)	CIBP @ 6600' PERFS 11324'-11368'	SIZE:	2-7/8	•	LINED WIT		IPC 505 - PLASTIC COATING	
4	J-1/2" 🊄 .	. ■ 11410	SET IN A:	ARROW S	ET 1-XS, F	ZKK	PACKER AT	: 6360 FEET:	
OTHER	DATA								
Α.	IS THIS A N	EW WELL DRILLED FOR	INJECTION?		YES	X	NO		
	IF NO. FOR	WHAT PURPOSE WAS 1	HE WELL OR	GINALLY DR	· ILLED?		— PRODUCI	ING OIL AND GAS WELL	
	-, -								
В.	NAME THE	INJECTION FORMATION		6400' SAN	D (BRUSH	Y CANYO	N)		
С.		FIELD OR POOL (IF APP		0400 0/11	LUSK WE				
			· •	(OTUED 70)		·		INTERVALO AND CIVE BUILDIED	
D.		. SACKS OF CEMENT O						INTERVALS AND GIVE PLUGGED GAS PODUCTION FROM STRAWN PERF	s
	11324'-11	368'. PLAN TO SET	CIBP @ 660	00' W/5SX	S CMT ON	TOP & PE	RF DELAW	ARE @ 6430'-50' CONVERT TO WIW WEL	.L.
E.	GIVE THE N	IAME(S) AND DEPTH(S)	OF ANY OVER	OR UNDERL	YING OIL OR	GAS ZONE	S IN THIS ARE	EA:	
	1. YATES	2600'-2800'	WATKINS		<u>.</u>	5. STRA	WN 11000'-	112 LUSK STRAWN OIL	
			N.E. LUSK S. LUSK Y		•	6. ATOK	A 11200'-11	40 LUSK ATOKA GAS	
	2. DELAW	/ARE 4600'-7100'	W. LUSK D	ELAWARE	<u> </u>	7. MORF	OW 11500'	-12 LUSK MORROW GAS	
			LUSK DEL	AWARE	-			N.W. LUSK MORROW GAS N. LUSK MORROW GAS	
	3. BONE	SPRING 8200'-8950	' WATKINS LUSK BON					FORM C-108	
			S. LUSK BON		-			SECTION III	
			E. LUSK B					APPLICATION FOR AUTHORIZATION TO INJECT	
	4 14/01 =	OAMD 4040014070			u			Parker & Parsley	
	4. WOLF	CAMP 10100'-1070	E. LUSK WOL		-			Development L.P. WATER INJECTION WELL	
			S. LUSK W			-			

Parker & Parsley
ATOR: Development L.P. LEASE: S. A.

UPERATU	rk:	Development L.	г.		LEASE:	S. A. BUVVIVIAN FEDI	ERAL	
WELL NO	5	2310' FS	L & 2160' FV	/ L	SEC-29	T-19-S	R-32-E	
	SCHEMAT		LOCATION		SECTION	TOWNSHIP	RANGE	
	SONEMAI		1. SUFACI	E CASING		WELL CONSTRUCT	ON DATA	
11-3/4"		895'	SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000	sx
11-3/4		U U U U U U U U U U U U U U U U U U U	TOC:	Surface		FEET DETERMINED BY:	Circulated	· · · · · ·
			HOLE SIZE:		14-3/4	INCHES		
			2. INTERM	IIDIATE CA	ASING			
8-5/8"		3796'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1400	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		11	INCHES		
			3. LONG S	TRING				
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	1610	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		7-7/8	INCHES		
			4. INJECT	ION INTER			6446 FEET	
		PKR @ 6360'				ED OR OPEN HOLE; IND ERFORATED"	ICATE WHICH)	
		PERFS	5. TOTAL	DEPTH:		6850 FEET		
		6431'-6446'	6. TUBING	SIZE				
5-1/	38	6850'	SIZE:	2-7/8	INCHES	LINED WITH:	IPC 505 - PLASTIC COATING	
			SET IN A:	ARROW S	SET 1-XS, I	PKR PACKER AT	6360 FEET:	
OTHER R								
OTHER DA		EW WELL DRILLED FOR	IN IECTIONS		YES	X NO		
Α.				INALLY DRILL	-		NG OIL AND GAS WELL	
	IF NO, FOR	WHAT PURPOSE WAS T	HE WELL ORIG	INALLY DRILL	LEU?	PRODUCI	ING OIL AIND GAS WELL	
В.	NAME THE I	NJECTION FORMATION:		6400' SAN	ID (BRUSH	Y CANYON)		
C.	NAME THE I	FIELD OR POOL (IF APPL				ST (DELAWARE)		
D.						L SUCH PERFORATED IN	TERVALS AND GIVE PLUGGED	
	DETAIL, I.E	SACKS OF CEMENT OF	R PLUG(S) USEL) <u>.</u>	NONE			· · ·
E.	GIVE THE N	AME(S) AND DEPTH(S) (OF ANY OVER C	R UNDERLY	ING OIL OR G	AS ZONES IN THIS AREA:		
	1. YATES	2600'-2800'	WATKINS N.E. LUSK		-	5. STRAWN 11000'-	11200' LUSK STRAWN OIL	
			S. LUSK Y	-	-	6. ATOKA 11200'-11	400' LUSK ATOKA GAS	
	2. DELAW	ARE 4600'-7100'	W. LUSK I		<u> </u>	7. MORROW 11500'	-12000' LUSK MORROW GAS N.W. LUSK MORROW	
	3 BONE S	SPRING 8200'-8950'			- RING		N. LUSK MORROW G	
	3. DOME (0200-0000	LUSK BON	NE SPRING	<u> </u>	•	FORM C-108 Section III	
				ONE SPRI			APPLICATION FOR AUTHORIZATI TO INJECT	ION
	4. WOLF	CAMP 10100'-10700			_		Parker & Parsley Development L.P.	
			E. LUSK V	VOLFCAME VOLFCAME			WATER INJECTION WELL	

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley LEASE: SOUTHERN CAILFORNIA FEDERAL **OPERATOR:** Development L.P. 990' FSL & 660' FWL **SEC-29** T-19-S R-32-E WELL NO **FOOTAGE LOCATION** SECTION **TOWNSHIP** RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 735 SIZE: 13-3/8 INCHES CEMENTED WITH: 881 13-3/8" TOC: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 2600 8-5/8 INCHES CEMENTED WITH: SIZE: SX 8-5/8" 4498 FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 12-1/4 INCHES 3. LONG STRING 5-1/2 940 INCHES SIZE: CEMENTED WITH: SX 4200 FEET DETERMINED BY: CALCULATED 7-7/8 HOLE SIZE: INCHES 6399 4. INJECTION INTERVAL **6389** FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ "PERFORATED" 6320 7200 5. TOTAL DEPTH: FEET **PERFS** 6389-6399 6. TUBING SIZE IPC 505 - PLASTIC COATING 5-1/2" 2-7/8 INCHES LINED WITH: 6320 SET IN A: ARROW SET 1-XS, PKR PACKER AT: FEET: **OTHER DATA** X IS THIS A NEW WELL DRILLED FOR INJECTION? YES NO PRODUCING OIL AND GAS WELL IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) C. D. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES 1. YATES 2600'-2800' 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' **LUSK ATOKA GAS** W. LUSK DELAWARE 2. DELAWARE 4600'-7100' 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING **FORM C-108** SECTION III S. LUSK BONE SPRING E. LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL **APPLICATION FOR AUTHORIZATION** TO INJECT Parker & Parsley Development L.P. WATER INJECTION WELL

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley OPERATOR: Development L.P. **LEASE:** SOUTHERN CAILFORNIA FEDERAL **SEC-29** WELL NO 10 1980' FNL & 1980' FEL T-19-S R-32-E SECTION **FOOTAGE LOCATION** TOWNSHIP RANGE SCHEMATIC WELL CONSTRUCTION DATA 1. SUFACE CASING 13-3/8 INCHES 675 SIZE: CEMENTED WITH: 850 13-3/8" Surface FEET DETERMINED BY: Circulated TOC: 17-1/2 INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 775 SIZE: SX 4050 8-5/8" FEET DETERMINED BY: Circulated TOC: Surface 11 HOLE SIZE: INCHES 3. LONG STRING 5-1/2 INCHES 1265 SIZE: CEMENTED WITH: SX TOC: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 7-7/8 INCHES 6450 FEET 4. INJECTION INTERVAL 6425 FEET TO: (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ × M "PERFORATED" 6360 **7200** FEET PERES 5. TOTAL DEPTH: 6425'-6450' 6. TUBING SIZE 5-1/2 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: OTHER DATA X YES IS THIS A NEW WELL DRILLED FOR INJECTION? NO IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? N/A NAME THE INJECTION FORMATION: 6400' SAND (BRUSHY CANYON) В. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES 1. YATES 2600'-2800' 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' LUSK MORROW GAS LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING **FORM C-108**

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

SECTION III **APPLICATION FOR AUTHORIZATION** TO INJECT Parker & Parsley **Development L.P**

WATER INJECTION WELL

Parker & Parslev

PERATO	R: Development L.F) .	_	.EASE:	SOUTHERN CAILFORNI	A FEDERAL	
VELL NO	11 660' FNL				T-19-S	R-32-E	
;	FOOTAGE I SCHEMATIC	OCATION	S	ECTION	TOWNSHIP	RANGE	
		1. SUFAC	E CASING		WELL CONSTRUCTION	DATA	
	850'	SIZE:	13-3/8	INCHES	CEMENTED WITH:	675	sx
13-3/8"		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		17-1/2	INCHES		
		2. INTERN	MIDIATE CAS	SING			
8-5/8"	4050'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	775	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		11	INCHES		
		3. LONG	STRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	1265	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		7-7/8	INCHES		
	☑ ☑ PKR @ 6360'	4. INJECT		PERFORAT	6425FEET TO: ED OR OPEN HOLE; INDICATERFORATED"		
	PERFS 6425'-6450'	5. TOTAL	DEPTH: _		7200 FEET		
	7200	6. TUBING	S SIZE				
5-1/2	7200'	SIZE:	2-7/8	NCHES	LINED WITH: IP	C 505 - PLASTIC COATING	
		SET IN A:	ARROW SE	T 1-XS,	PKRPACKER AT:	6360 FEET:	
OTHER DA	. TA						
	IS THIS A NEW WELL DRILLED FOR I	LIECTION?	X	⁄ES	NO		
	IF NO, FOR WHAT PURPOSE WAS TH		-		N/A		
В.	NAME THE INJECTION FORMATION:		6400' SANE) (BRUSH	Y CANYON)		
C.	NAME THE FIELD OR POOL (IF APPLI	CABLE)		USK WE	ST (DELAWARE)		
	HAS THE WELL EVER BEEN PERFOR DETAIL, I.E. SACKS OF CEMENT OR				L SUCH PERFORATED INTER	VALS AND GIVE PLUGGED	
					240 701/50 10 71/10 4954		
	GIVE THE NAME(S) AND DEPTH(S) OF 1. YATES 2600'-2800'	WATKINS		G OIL OR C	5. STRAWN 11000'-112	00' LUSK STRAWN OIL	
-	1. TATES 2000-2000		(YATES		6. ATOKA 11200'-11400		
	2. DELAWARE 4600'-7100'		DELAWARE		7. MORROW 11500'-120		
-		LUSK DEI	LAWARE			N.W. LUSK MORROW (N. LÜSK MORROW GA	
-	3. BONE SPRING 8200'-8950'		BONE SPRING	ING	-	FORM C-108	
		S. LUSK E	BONE SPRIN		_	SECTION III APPLICATION FOR AUTHORIZATIO)N
		E. LUSK E	BONE SPRIN	IG	-	TO INJECT	,13
-	4. WOLF CAMP 10100'-10700'	E. LUSK V	VOLFCAMP	OIL	_	Parker & Parsley Development L.P. WATER INJECTION WELL	
		S. LUSK V	VOLFCAMP	OIL	_		

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL **OPERATOR:** 1980' FEL & 660' FSL SEC-29 WELL NO 12 T-19-S R-32-E **FOOTAGE LOCATION** SECTION **TOWNSHIP** RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 675 SIZE: 13-3/8 INCHES CEMENTED WITH: SX 850 13-3/8" Circulated TOC: Surface FEET DETERMINED BY: 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: SIZE: SX 4050 8-5/8" Circulated TOC: Surface FEET DETERMINED BY: HOLE SIZE: 11 INCHES 3. LONG STRING 5-1/2 1265 INCHES CEMENTED WITH: SIZE: SX TOC: FEET DETERMINED BY: Circulated 7-7/8 HOLE SIZE: INCHES 6450 4. INJECTION INTERVAL **6425** FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ Ø M "PERFORATED" 6360' 5. TOTAL DEPTH: 7200 FEET **PERES** 6425'-6450' 6. TUBING SIZE 5-1/2" 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING 6360 SET IN A: ARROW SET 1-XS, PKR PACKER AT: FEET: OTHER DATA IS THIS A NEW WELL DRILLED FOR INJECTION? YES NO IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? N/A 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: В. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) C. D. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES LUSK STRAWN OIL 1. YATES 2600'-2800' 5. STRAWN 11000'-11200' N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' **LUSK ATOKA GAS** W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** 2. DELAWARE 4600'-7100' LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS

3. BONE SPRING 8200'-8950'

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

WATKINS BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL

S. LUSK WOLFCAMP OIL

LUSK BONE SPRING

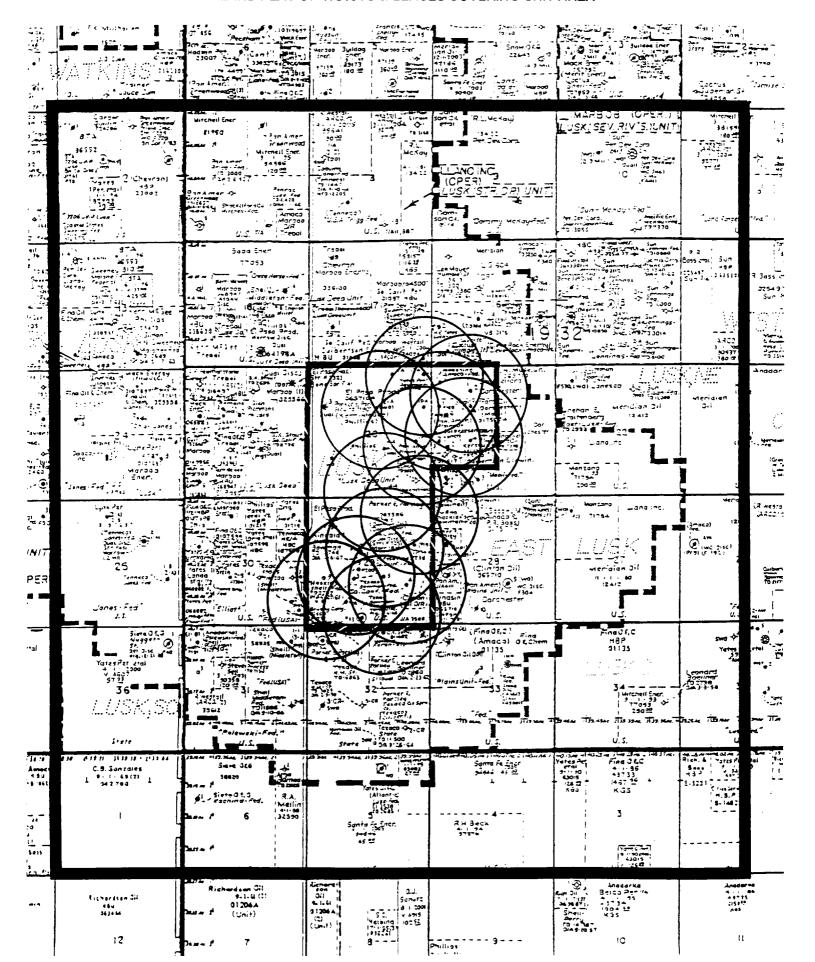
FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL
TABULATION OF WELL DATA

MAP OF AREA
SECTION V

LUSK WEST (DELAWARE)

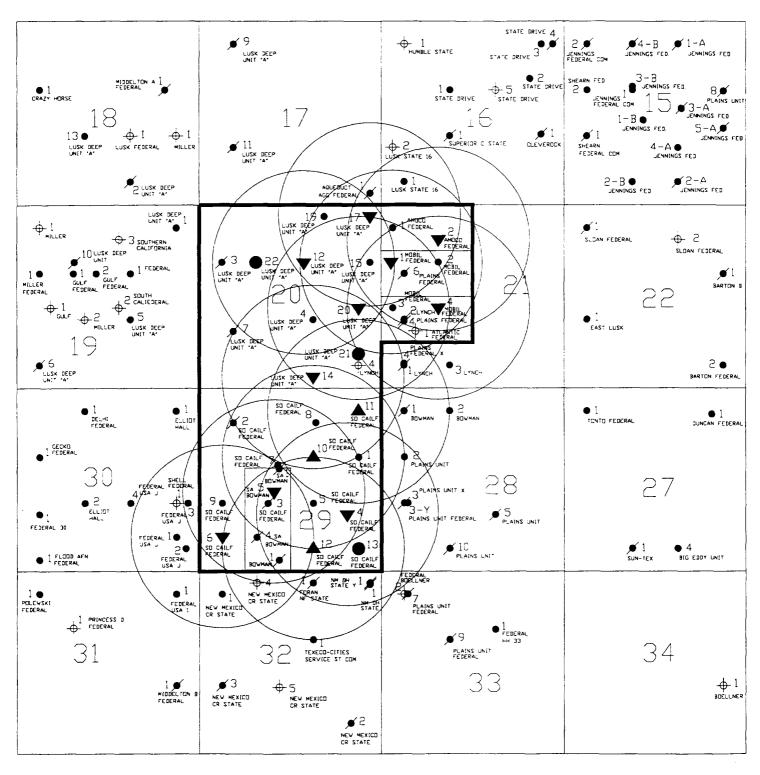
LEA COUNTY, NEW MEXICO

LAND PLAT OF TRACTS & LEASES COVERING UNIT AREA



LUSK WEST (DELAWARE) LEA COUNTY, NEW MEXICO

LAND PLAT OF TRACTS & LEASES COVERING UNIT AREA



• PRODUCER

CONVERT TO INJECTOR

≠ PLUGGED & ABANDONED

A DRILLED INJECTOR

DRY HOLE

DRILLED PRODUCER

	≠ 9	→ 1	2 ø 4-B ø 1-A
18 13• \$\display 1	17 •::	1• ÷5 •2 *1	3-B 15 3-A 1-B 5-A
1 /2	AQUEDUCT 1	• 1	2-3 ●
ф1	LUSK DEEP LUSK D	1 2	∮ :
1	LUSK DEEP LUSK DEEP LINIT 'A' LUSK DEEP UNIT 'A' LU	21 •3 2 •4 •1	≯ 1 22 •:
19 * ⁶	21 ⊕ 4 ▼ 14	4 1	2 ●
•1 •1	√ 2 8 △ 11	% 1 •2	•1
30 •1 •1	6▼ 4 1 2 1 3	• 2 28 3-Y × 5	27 * 1 •4
1 1	1	2 ₁ ≯ 7	
31 1	32 •1 ×3 •5	*′ , ⁄9 •! 33	34 +1

	% 9		2 % % 4-B % 1-A
	17 • 11	1	2 • 1 • 1 5 • 3 - 4 1 - B • 5 - A • 5 - A • 4 - A • 2 - B • • 2 - A
% 2	19 • 17		
ф1 ф3	LUSK DEEP UN(T "A"	AMOCO PEDERAL 2	∳ 2
1 • 1 • 2 • 1 • 1 • 2 • 1 • 2 • 5	12 LUSK DEEP 15 OLUSK DEEP UNIT "A" LUSK DEEP UNIT "A" LUSK DEEP LUSK DEEP UNIT "A"	MOBIL SPLAINS FEDERAL FEDERAL MUSIL NUSIL A TEDERAL A TEDERAL A PLAINS FEDERAL A PLAINS FEDERAL 1 ATLANTIC FEDERAL 1 ATLANTIC	•: 22
19	LUSK DEEP 21 4 LUSK DEEP 14	4FEDERA X	2 ●
•!		% 1 •2	•: •1
•:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	• 2 3 3-Y 28 √5	27 ø 1 •4
1 •	1 •1 •1	₹ 7	
31	32 •1 ×3 •5	,	34 +1

PERATOR:	:	Development L.P	•		LEASE:	LUSK D	EEP UNIT "A"			
WELL NO	12			L	SEC-20		T-19-S		R-32-E	
S	CHEMAT	FOOTAGE L	OCATION		SECTION		TOWNSHIP		RANGE	
			1. SUFACE	E CASING		WELL C	CONSTRUCTION	I DATA		
			1. 301 AC	CASING						
		819	SIZE:	13-3/8	INCHE	S CEM	ENTED WITH:		500	sx
13-3/8"			TOC:	Surface		FEET DET	TERMINED BY:		Circulated	
			•			_				
			HOLE SIZE:		17-1/2		INCHES			
			2. INTERM	IDIATE CA	ASING	f				
			SIZE:	8-5/8	INCHE	S CEM	ENTED WITH:		1650	sx
8-5/8"		4482'		1250		_		7	C	
			TOC:	1350	· · · · · · · · · · · · · · · · · · ·	_ FEET DET	TERMINED BY:	<u>_</u>	emp. Survey	
			HOLE SIZE:		11 ·		INCHES			
			3. LONG S	TRING						
			OLZE:	5-1/2	Mone	0 0514			800	
			SIZE:	J-1/Z	INCHE	- CEM	ENTED WITH:	 -	800	SX
			TOC:	2710		FEET DET	TERMINED BY:	T	emp. Survey	
			HOLE SIZE:		7-7/	3	INCHES			
			4. INJECT	ION INTER	.VAL	6446	FEET TO:		6467 FEET	
		PKR @			(PERFORA	TED OR OP	EN HOLE ; INDICA			
		6370'			P	ERFORA	AIED.			
		# PERFS	5. TOTAL	DEPTH:		6700	FEET			
		6446'-6467'	6. TUBING	SIZE						
5-1/2"		6683'	0.75	2 7/9			ID	0 505	DI ACTIC COATING	
3-112		3330	SIZE:	2-7/8	INCHES	LINED WI	IH. IP	C 505 -	PLASTIC COATING	
			SET IN A:	ARROW S	SET 1-XS,	PKR	PACKER AT:		6370 FEET:	
OTHER DAT	ΓΑ									
A. IS	THIS A N	EW WELL DRILLED FOR IN	JECTION?		YES	X	NO			
IF	NO, FOR	WHAT PURPOSE WAS THE	WELL ORIGI	NALLY DRIL	LED?		PRODUCING	OIL A	ND GAS WELL	
C	OMMENT:	SPUD WELL 11/2/74. P&A	WELLBORE 8	/27/86 RF-F	NTRY 4/12/8	9				
							OND			
B. NA	AME THE	INJECTION FORMATION:		6400' SAN	ID (BKOSI	HY CANY	UN)			
C. NA	AME THE	FIELD OR POOL (IF APPLIC	ABLE)		LUSK WE	EST (DEL	AWARE)			
		ELL EVER BEEN PERFORA								
D	ETAIL, I.E	. SACKS OF CEMENT OR P	LUG(S) USEC).	PERFS 883	9'-8914' CIB	P AT 8800' W/5, SX,	CMT/TO	P. PERFS 10680'-10708',	
CI	IBP AT 106	640' W/5, SX, CMT/TOP, PE	RFS 11460'-1	1581', CIBP /	AT 11430',W/	5, SX, CMT/	TOP. CIBP AT 122	12' W/20,	SX, CMT/TOP	
E. GI	IVE THE N	IAME(S) AND DEPTH(S) OF	ANY OVER O	R UNDERLY	ING OIL OR	GAS ZONES	S IN THIS AREA:		·	
1.	. YATES	2600'-2800'	WATKINS	YATES		5. STRA	AWN 11000'-112	500,	LUSK STRAWN OIL	
_	 .		N.E. LUSK		- -	e atol	ZA 442001 4440		LUCK ATOKA CAC	
			S. LUSK Y	AIES	-	6. ATO	KA 11200'-1140	<u> </u>	LUSK ATOKA GAS	
2.	. DELAV	VARE 4600'-7100'	W. LUSK I		E	7. MOR	ROW 11500'-12	:000'	LUSK MORROW GA	
					-				N. LUSK MORROW	
3.	. BONE	SPRING 8200'-8950'	LUSK BON			_			FORM C-108	
			S. LUSK B	ONE SPR	ĪNG			APPL	SECTION III ICATION FOR AUTHORIZA	TION
			E. LUSK B	ONE SPR	IING				TO INJECT Parker & Parsley	
4	. WOLF	CAMP 10100'-10700'	LUSK WO		_			,	Development L.P. WATER INJECTION WELL	
			S. LUSK V			_				

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: LUSK DEEP UNIT "A" **OPERATOR:** 330' FNL & 330' FEL SEC-20 WELL NO 17 T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES 1000 CEMENTED WITH: SX SIZE: 13-3/8" FEET DETERMINED BY: Circulated Surface 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 1450 SIZE: 8-5/8 INCHES CEMENTED WITH: 8-5/8" Circulated Surface FEET DETERMINED BY: TOC: HOLE SIZE: 12-1/4 INCHES 3. LONG STRING 5-1/2 INCHES 800 SIZE: CEMENTED WITH: SX 2790 CALCULATED FEET DETERMINED BY: TOC: 7-7/8 HOLE SIZE: 4. INJECTION INTERVAL 6476 FEET TO: 6484 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) 国 PKR@ "PERFORATED" 6400 7224 FEET 5. TOTAL DEPTH: PERFS 6476'-6484' 6. TUBING SIZE 7220 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SIZE: ARROW SET 1-XS, PKR PACKER AT: SET IN A: 6400 FEET: OTHER DATA X NO IS THIS A NEW WELL DRILLED FOR INJECTION?

YES PRODUCING OIL AND GAS WELL IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: В. LUSK WEST (DELAWARE) NAME THE FIELD OR POOL (IF APPLICABLE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. 5. STRAWN 11000'-11200' 1. YATES 2600'-2800' WATKINS YATES **LUSK STRAWN OIL** N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' **LUSK ATOKA GAS** 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING **FORM C-108** LUSK BONE SPRING S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL

S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL
TABULATION OF WELL DATA

Parker & Parsley

PERATO	R:	Development L.P	•		LEASE:	LUSK DE	EEP UNIT "A"			
VELL NO	20						T-19-S		R-32-E	
	SCHEMAT	FOOTAGE L	OCATION		SECTION		TOWNSHIP		RANGE	
			1. SUFAC	F CASING		WELL C	ONSTRUCTIO	N DATA		
				13-3/8		CEME	ENTED WITH.		900	ev
13-3/8"		872'		•		_	_		· · · · · · · · · · · · · · · · · · ·	sx
				Surface		_	ERMINED BY: _		Circulated	
			HOLE SIZE:	· <u> </u>	17-1/2		INCHES			
			2. INTERN	IIDIATE CA	ASING					
8-5/8"		4485'	SIZE:	8-5/8	INCHES	CEME	ENTED WITH:		2350	SX
			TOC:	Surface		FEET DET	ERMINED BY:		Circulated	
			HOLE SIZE:		12-1/4		INCHES			
			3. LONG S	TRING						
									800	
			SIZE:	5-1/2		_	ENTED WITH:	·		SX
			TOC:	3030		FEET DET	ERMINED BY:		emp. Survey	· · · · · · · · · · · · · · · · · · ·
			HOLE SIZE:		7-7/8	<u> </u>	INCHES			
			4. INJECT	ION INTER			FEET TO: _ EN HOLE; INDIC		6487 FEET	
		PKR @ 6400'			•	ERFORA		ATE WHIC	n)	
		PERFS 6469'-6487'	5. TOTAL	DEPTH:	·	7230	FEET			
	СІВР	- 1884 - 1884	6. TUBING	SIZE						
5-1/		7230'	SIZE:	2-7/8	INCHES	LINED WIT	тн: І	PC 505 -	PLASTIC COATING	
			SET IN A:	ARROW S	SET 1-XS,	PKR	PACKER AT:		6400 FEET:	
							 -			
OTHER D	ATA									
A.	IS THIS A N	EW WELL DRILLED FOR IN	JECTION?		YES	X	NO			
	IF NO, FOR	WHAT PURPOSE WAS THE	WELL ORIG	INALLY DRIL	LED?	<u></u>	PRODUCIN	IG OIL A	ND GAS WELL	
₽.	NAME THE	INJECTION FORMATION:		6400' SAN	ND (BRUSH	IY CANYO	ON)			
C.	NAME THE	FIELD OR POOL (IF APPLIC	ABLE)		LUSK WE	ST (DEL/	AWARE)			
D.	HAS THE W	ÆLL EVER BEEN PERFORA	TED IN ANY	OTHER ZONI	E(S)? LIST A	LL SUCH PE	ERFORATED INT	RVALS AN	ID GIVE PLUGGED	<u> </u>
		E. SACKS OF CEMENT OR F							SK. CMT. ON TOP AT	6800'
									· <u>-</u> ·	
E.	GIVE THE N	NAME(S) AND DEPTH(S) OF	ANY OVER (OR UNDERLY	ING OIL OR	GAS ZONES	S IN THIS AREA:			
	1. YATES	2600'-2800'	WATKINS N.E. LUSK		_	5. STRA	WN 11000'-1	1200'	LUSK STRAWN OI	<u>L</u>
			S. LUSK Y		- -	6. ATOK	(A 11200'-11 4	00'	LUSK ATOKA GAS	
	2. DELAV	VARE 4600'-7100'		DELAWAR	E	7. MORI	ROW 11500'-1	12000'	LUSK MORROW G	
		ODD	LUSK DEI		-				N.W. LUSK MORRO	
	3. BONE	SPRING 8200'-8950'	WATKINS LUSK BO	BONE SP		_			FORM C-108	
				SONE SPR	_	_			SECTION III	747101
			E. LUSK E	BONE SPR	ING	_		APPI	LICATION FOR AUTHORI TO INJECT Parker & Parsley	LATION
	4. WOLF	CAMP 10100'-10700'	LUSK WO	LFCAMP (Development L.P. WATER INJECTION WEI	LL.
				VOLFCAM VOLFCAM		_				-

OPERATO	R:	SHACKELFORD	OIL CO.	-	LEASE:	MOBIL F	EDERAL			
WELL NO		1 1650' FNL			SEC-21		T-19-S		R-32-E	
	SCHEMA	FOOTAGE L	OCATION		SECTION		TOWNSHIP		RANGE	
			1. SUFAC	E CASING		WELL C	ONSTRUCTIO	ON DATA		
				42.20		,			475	
13-3/8"		461'	SIZE:	13-3/8	INCHES	- CEMI	ENTED WITH:		4/5	SX
			TOC:	Surface	··	FEET DET	FERMINED BY:		Circulated	
			HOLE SIZE:		17-1/2	·	INCHES			
			2. INTERM	MIDIATE CA	SING	-				
		4257'	SIZE:	8-5/8	INCHES	СЕМІ	ENTED WITH:		860	sx
8-5/8"		CURRENT	TOC:	Surface		FEET DET	TERMINED BY:		Circulated	
		U.DELAWARE PERFS				-	_			-
		4874'-5040' PROPOSED TO CMT	3. LONG S		12-114		INCRES			
		SQZ OFF U. DEL.		5-1/2	MOUE	0514	ENTED WITH:		975	
			SIZE:			-	-	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	SX
	i		TOC:	4248		•	_	T	emp. Survey	
			HOLE SIZE:		7-7/8		INCHES			
	×		4. INJECT				FEET TO:			
	×	PKR @ 6400'				RFORA			,	
	Mari I	PERFS	5. TOTAL	DEPTH:		6700	FEET			
		6469'-6479'	6. TUBING	SIZE					•	
5-1/2	_	6692'	SIZE:	2-7/8	INCHES	LINED WI	тн. • 1	IPC 505 -	PLASTIC COATING	;
			SET IN A:	ARROW S	FT 1-XS I	PKR	PACKER AT:		6400 FEET:	
			OLT IIIT.	74440440	21 170, 1				1227	
OTHER DA	ATA					•				
A.	IS THIS A	NEW WELL DRILLED FOR IN	JECTION?		YES	X	NO NO			
	IF NO, FOI	R WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILL	.ED?		PRODUCIN	IG OIL AN	ID GAS WELL	
В.	NAME THE	E INJECTION FORMATION:	<u></u>	6400' SAN	D (BRUSH	Y CANY	ON)			
	NAME THE	E FIELD OR POOL (IF APPLI)	CABLE)		LUSK WE			<u> </u>	· · · · · · · · · · · · · · · · · · ·	
		WELL EVER BEEN PERFOR	·			·- · · · · · · · · · · · · · · · · · ·		FRVALS AN	D GIVE PLUGGED	
υ.		E. SACKS OF CEMENT OR							O' CIBP @ 5183'	
	5/92 PE	RFS 4874'-4892' CIBP (@ 4940', CI	URRENTLY	PRODUCI	NG FRO	M U. DELAWA	RE PERF	S 4874'-4892'	
E.	GIVE THE	NAME(S) AND DEPTH(S) OF	F ANY OVER (OR UNDERLY	NG OIL OR G	SAS ZONES	S IN THIS AREA:			
	1. YATE	S 2600'-2800'	WATKINS			5. STRA	WN 11000'-1	1200'	LUSK STRAWN O	IL
			N.E. LUSK		•	6. ATO	• KA_11200'-114	100'	LUSK ATOKA GAS	3
	2. DELA	WARE 4600'-7100'	W. LUSK	DELAWARE	- <u>-</u>	7. MOR	ROW 11500'-	12000'	LUSK MORROW (GAS
			LUSK DE	LAWARE	•				N.W. LUSK MORROV	
	3. BONE	SPRING 8200'-8950'		BONE SPE		-	•		FORM C-108	
			S. LUSK	BONE SPRI	NG	-		APPL	SECTION III ICATION FOR AUTHOR	IZATION
				BONE SPRI					TO INJECT Parker & Parsley	
	4. WOLF	F CAMP 10100'-10700'	E. LUSK \	NOLFCAMP O	OIL	_			Development L.P. WATER INJECTION WE	ill
			S. LUSK \	WOLFCAME	OIL	_				

Parker & Parsley Development L.P. LUSK DEEP UNIT "A" OPERATOR LEASE SEC-20 1980' FSL & 1980' FEL T-19-S R-32-E **FOOTAGE LOCATION** SECTION **TOWNSHIP** RANGE PRODUCING OIL AND GAS WELL SPUD DATE: 10/5/62 RE-ENTRY 3/13/88 TYPE OF WELL: TABULAR DATA 1. SUFACE CASING **SCHEMATIC** 13-3/8 INCHES CEMENTED WITH: 1180 SIZE: SX FEET DETERMINED BY: Circulated TOC: Surface 13-3/8" HOLE SIZE: 17-1/2 INCHES 822' 2. INTERMIDIATE CASING 9-5/8 INCHES CEMENTED WITH: 2365 SIZE: SX FEET DETERMINED BY: Circulated Surface TOC: HOLE SIZE: 12-1/4 INCHES 4226 9-5/8" 3. LONG STRING NOTE: 6/88 CUT AND PULLED 7185' OF 4-1/2 CSG 4-1/2 INCHES CEMENTED WITH: SIZE: SX 10000 FEET DETERMINED BY: Circulated HOLE SIZE: 7-7/8 **PERFS** 6462'-6472' 4. PRODUCTION STRING 7165 5-1/2" 5-1/2 INCHES CEMENTED WITH: 500 SIZE: SX CUT OFF 4-1/2 CSG Calculated TOC: 5595 FEET DETERMINED BY: @ 7185' HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11531 FEET 6. PERFORATIONS 6462 6472 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" **FORM C-108** SECTION VI 25 SXS CMT **APPLICATION FOR AUTHORIZATION**

ORG. PERFS

11531

4-1/2"

11430'-11470' (CMENTED)

Parker & Parsley Development L.P.

TO INJECT

WATER INJECTION WELL TABULATION OF WELL DATA

Parker & Parsley

Deve	lopment L.P.		LUSK DE	EP "A"					
OPERA	TOR			LEASE					
		1651' FNL & 330' FEL							
	WELL NO.	FOOTAGE LOCATION		SECTION		TOWNSHIP	RANGE		
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	-	SPUD DATE:	11/2	2/88	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR	_DATA			
		SIZE:	13-3/8	INCHES	CEMENTED	MITH:	100	0	sx
		TOC:	Surface	<u>.</u>	FEET DETER	RMINED BY:	Circu	lated	
13-3/8"	828'	HOLE SIZE:		17-1/2		INCHES			
		2. INTERN	IIDIATE CA	ASING					
		SIZE:	8-5/8	INCHES	CEMENTED	MITH:	70	0	sx
		TOC:	2370	,	FEET DETER	MINED BY:	Temp. S	Survey	
		HOLE SIZE:		12-1/4		INCHES			
8-5/8		3. LONG S	TRING						
		SIZE:	5-1/2	INCHES	CEMENTED	MITH:	60	0	sx
		TOC:	4690	·	FEET DETER	MINED BY:	Temp. S	Survey	
		HOLE SIZE:		7-7/8	· ·-	INCHES			
		4. TOTAL	DEPTH:	7220		FEET			
		5. PERFO	RATIONS				0.470		
				6468		FEET TO:	6478 CATE WHICH)	FEET	
				,		ERFORATE			
							FORM C-108 SECTION VI		
	DEDES.								
	PERFS 6468'-6478 4 SXS CM' CIBP @ 70	!			A	APPLICATIO	ON FOR AUTHOR TO INJECT	IZATION	
	CIBP @ 70					Pa	rker & Parsley		

WATER INJECTION WELL

Development L.P.

TABULATION OF WELL DATA

Parker & Parsley							
Development L.P.			LUSK DEE	P UINIT "A"			
OPERATOR		· <u> </u>	LEASE				
19 WELL NO.	330' FNL & 1656' FEL		SEC-20		T-19-S	R-32-E RANGE	
TYPE OF WELL:	PRODUCING OIL AND	GAS WEI	_L	. s	PUD DATE:	1/26/90	
SCHEMATIC	1. SUFACE	CASING		TABULAR	DATA		
		13-3/8	INCHES	CEMENTED W	лтн:	1000	SX
	-	Surface		FEET DETERM	MINED BY:	Circulated	
13-3/8" 870'			17-1/2		NCHES		
	2. INTERMI	DIATE CA	SING				
	SIZE:	8-5/8	INCHES	CEMENTED W	/ITH:	3230	SX
	TOC:	Surface		FEET DETERM	MINED BY:	Circulated	
8-5/8" 4500'	-		12-1/4	ا	NCHES		
20,0	3. LONG ST	RING					
	SIZE:	5-1/2	INCHES	CEMENTED W	/ITH:	900	sx
	TOC:	1630		FEET DETERM	MINED BY:	Temp. Survey	
	HOLE SIZE:		7-7/8		NCHES		
	4. TOTAL D	EPTH:	7220	F	EET		
	5. PERFOR	ATIONS	6468		EET TO:	6481 FEET	
			(PERFORATI	ED OR OPEN H "PE	RFORATE		
						FORM C-108 SECTION VI	
TBG @ 64 PERFS 6468'-648'				AF	PPLICATIO	ON FOR AUTHORIZATION TO INJECT	
PERFS 6468'-648' 5-1/2" 7220'						rker & Parsley velopment L.P.	

WATER INJECTION WELL

TABULATION OF WELL DATA

Parker & Parsley

Deve	lopment L.P.				LUSK DEE	P UNIT "A"		
OPERA			 		LEASE			
	3	1650' FNL & 6	560' FWI		SEC-20	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCA			SECTION	TOWNSHIP		
	TYPE OF WELL:	PLUGGED &	ABANDON	ED	_	SPUD DATE:	7/22/	61
	SCHEMATIC	;	1. SUFAC	E CASING		TABULAR DATA		
		10 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	900	sx
		25 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circula	ited
13-3/8"		700'-800' 786'	HOLE SIZE:		17-1/2	INCHES		
10 0/0		700	2. INTERI	MIDIATE CA	ASING			
		3	SIZE:	9-5/8	INCHES	CEMENTED WITH:	2730	sx
		25 SXS CMT 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circula	ıted
			HOLE SIZE:		12-1/4	INCHES		
		35 SXS CMT	3. LONG	STRING				
9-5/8		4412'-4552' 4552'					222	
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	382	SX
			TOC:	10605		FEET DETERMINED BY:	Temp. Su	ırvey
		25 SXS CMT 5300'-5400'	HOLE SIZE:		7-7/8	INCHES		
		STUB 5" CSG @ 5400'	4. TOTAL	DEPTH:	12623	FEET		
		OPEN HOLE CUT 5-1/2" CSG	6. HAS TI LIST A	LL SUCH P	VER BEEN ERFORATE	FEET TO: ED OR OPEN HOLE; INDI PERFORATED" PERFORATED IN AN ED INTERVALS AND C	Y OTHER ZONE(S)	
		OF ENTINEE	DETAIL	L, I.E. SACI	(S OF CEMI	ENT OR PLUG(S) USI		NONE
		CUT 5-1/2" CSG					FORM C-108 Section VI	
		20 SXS CMT 10920'-11000'				APF	LICATION FOR AUTHO	RIZATION
	СІВР	CIBP @ 11000'					Parker & Parsley	
		PERFS @ 11310' - 12390'					Development L.P. WATER INJECTION W	
5-	1/2"	12439'					TABULATION OF WELL	DATA

	№ 9		2 % 4-B % 1-A
18	AQUEDUCT 1 AGG FEBERAL	1 • • 2 USK STATE 16 1 LUSK STATE 16	3-B 1-B 3-A 1-B 5-A 5-A 5-A 5-A 5-A 6
ф1 ф3	LUSK DEEP LUSK DEEP UNIT 'A'	AMOCO 1 FEDERAL AMOCO FEDERAL	∮ 1
1 • 1 • 2 • ! • 1 • 2 • ! • 1 • 2 • ! 1 9 • 5	12 Lusk DEEP 15 LU	-32 ▼ ⁴	22 •1
% 6	▼14	∮ ₁ ♦ ₃	2 ●
• 1	•¹	ø 1 •2	•1
1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	• 2 28 3-Y • 10	27 x 1 •4
1• •¹ 31	32 °1 32 °1 33 °5	2√7 √9 •1 33	34

OPERATOR:	SHACKELFORD	OIL CO.	LEASE:	MOBIL FEDERAL		
WELL NO	1 1650' FN FOOTAGE	L & 330' FWL		T-19-S TOWNSHIP		
SCH	IEMATIC					
		1. SUFACE CASIN		WELL CONSTRUCTI	ON DATA	
13-3/8"	461'	SIZE: 13-3	/8 INCHES	CEMENTED WITH:	47	'5 sx
		тос: Surface	;	FEET DETERMINED BY:	Circulate	ed
		HOLE SIZE:	17-1/2	INCHES		
		2. INTERMIDIATE	CASING			
8-5/8"	4257'	SIZE: 8-5	/8inches	CEMENTED WITH:	86	60 sx
	CURRENT	тос: Surface)	FEET DETERMINED BY:	Circulat	ed
	U.DELAWARE PERFS 4874'-5040'	HOLE SIZE:	12-1/4	INCHES		
8-5/8"	CURRENT U.DELAWARE PERFS 4874'-5040' PROPOSED TO CMT SQZ OFF U. DEL.					
		SIZE: 5-1	/2 INCHES	· CEMENTED WITH:	87	75 sx
		тос: 424	18	FEET DETERMINED BY:	Temp. Su	rvey
		HOLE SIZE:	7-7/8	INCHES		
		4. INJECTION INTE	ERVAL	6469 FEET TO:	6479	FEET
	☑ ☑ PKR @ 6400'		(PERFORAT	ED OR OPEN HOLE; IND		
	PERFS	5. TOTAL DEPTH:		6700 FEET		
	6469'-6479'	6. TUBING SIZE				
5-1/2"	6692'	SIZE: 2-7/8	INCHES	LINED WITH:	IPC 505 - PLASTIC	COATING
		SET IN A: ARROW	 / SET 1-XS,	PKR PACKER AT	6400	FEET:
		<u> </u>		i i		
OTHER DATA				•		
A. IS TH	IS A NEW WELL DRILLED FOR I	NJECTION?	YES	X NO		
IF NO), FOR WHAT PURPOSE WAS T	HE WELL ORIGINALLY DR	RILLED?	PRODUCI	NG OIL AND GAS V	VELL
B. NAM	E THE INJECTION FORMATION:	6400' S/	AND (BRUSH	Y CANYON)		
C. NAM	E THE FIELD OR POOL (IF APPL	ICABLE)	LUSK WE	ST (DELAWARE)		
	THE WELL EVER BEEN PERFOR		DNE(S)? LIST AI	LL SUCH PERFORATED IN		
	AIL, I.E. SACKS OF CEMENT OR 2 PERFS 4874'-4892' CIBP					
						7002
	E THE NAME(S) AND DEPTH(S) C		LTING OIL OR			
1. Y	ATES 2600'-2800'	N.E. LUSK YATES		5. STRAWN 11000'-	11200 LUSK S	TRAWN OIL
		S. LUSK YATES	_	6. ATOKA 11200'-11	400' LUSK A	TOKA GAS
<u>2. U</u>	DELAWARE 4600'-7100'	W. LUSK DELAWA LUSK DELAWARE		7. MORROW 11500	N.W. LU	ORROW GAS USK MORROW GAS
3. E	30NE SPRING 8200'-8950'			_	<u>N. LUSI</u>	MORROW GAS
		S. LUSK BONE SPRI			SEC	RM C-108 CTION III
		E. LUSK BONE SP		- -	TO	OR AUTHORIZATION INJECT
4. \	VOLF CAMP 10100'-10700				Develo	r & Parsley ppment L.P.
		E. LUSK WOLFCA S. LUSK WOLFCA		_	WATERIN	JECTION WELL

PERATO	R: SHACKELFORD	OIL CO.	LEASE:	AMOCO FEDERAL		
VELL NO	2 990' FNL	& 1650' FWL	SEC-21			
;	FOOTAGE: SCHEMATIC	LOCATION	SECTION	TOWNSH	IP RANGE	
		1. SUFACE	CASING	WELL CONSTRUC	TION DATA	
13-3/8"	459'	SIZE:	13-3/8 INCHES	CEMENTED WITH	475	sx
13-370		TOC:	Surface	FEET DETERMINED B	r: Circulated	
		HOLE SIZE: _	17-1/2	INCHES		
		2. INTERMII	DIATE CASING			
8-5/8"	4250'	SIZE:	8-5/8 INCHES	CEMENTED WITH	: 100 NOTE: PULLED 3088' 8-8/5" CSG	sx
		TOC: <u>S</u>	Surface	FEET DETERMINED BY	r: Circulated	
		HOLE SIZE:	12-1/4	INCHES		
		3. LONG ST	RING			
		SIZE:	5-1/2 INCHES		2250	sx
		TOC: <u>5</u>	Surface		JMPED 1575 SXS CMT FROM TOPSIDE Y: Circulated	
		HOLE SIZE:	7-7/8	INCHES		
	区 PKR @ 6420'	4. INJECTIO	(PERFORAT	6489 FEET TO ED OR OPEN HOLE; II ERFORATED"	6503 FEET NDICATE WHICH)	
	PERFS 6489'-6503'	5. TOTAL D	ЕРТН:	6700 FEET		
		6. TUBING	SIZE			
5-1/2	6650'	SIZE:	2-7/8 INCHES	LINED WITH:	IPC 505 - PLASTIC COATING	
		SET IN A: A	ARROW SET 1-XS,	PKR PACKER	AT: 6420 FEET:	
THER DA	.TA					
Α.	S THIS A NEW WELL DRILLED FOR II	NJECTION?	YES	XNO		
ı	F NO, FOR WHAT PURPOSE WAS TH	IE WELL ORIGIN	ALLY DRILLED?	PRODU	CING OIL AND GAS WELL	
-		· · · · · · · · · · · · · · · · · · ·				
В.	NAME THE INJECTION FORMATION:	6	3400' SAND (BRUSH	Y CANYON)		
C.	NAME THE FIELD OR POOL (IF APPLI	CABLE) _	LUSK WE	ST (DELAWARE)		
D.	HAS THE WELL EVER BEEN PERFOR DETAIL, I.E. SACKS OF CEMENT OR		, ,		INTERVALS AND GIVE PLUGGED 1995' CURRENTLY PRODUCING FROM	
-	U. DELAWARE PERFS 4856'-4	1867' PLAN T	O SQZ OFF U. DEL	AWARE CONVERT	TO WIW IN 6469'-6503' PERFS	
E	GIVE THE NAME(S) AND DEPTH(S) O	F ANY OVER OR	UNDERLYING OIL OR (GAS ZONES IN THIS ARI	EA:	
-	1. YATES 2600'-2800'	WATKINS Y		5. STRAWN 1100	D'-11200' LUSK STRAWN OIL	
		S. LUSK YA		6. ATOKA 11200'-	11400' LUSK ATOKA GAS	
-	2. DELAWARE 4600'-7100'	W. LUSK DELA		7. MORROW 1150	00'-12000' LUSK MORROW GAS N.W. LUSK MORROW GA	AS
	3. BONE SPRING 8200'-8950'	WATKING	BONE SPRING		N. LUSK MORROW GAS	
-	0. 50.12 OF KINO 0200-0300	LUSK BON	E SPRING	-	FORM C-108	
			NE SPRING ONE SPRING	_	SECTION III APPLICATION FOR AUTHORIZATION TO IN IECT	
		•		_	Parker & Parsley	
	4. WOLF CAMP 10100'-10700'		FCAMP OIL OLFCAMP OIL		Development L.P. WATER INJECTION WELL	
			OLFCAMP OIL	-	TABULATION OF WELL DATA	

Parker & Parsley
Development L.P.

OPERATO	R: Development	<u>L.P</u>	LEASE:	LUSK DEEP UNIT "A"		
WELL NO	12 1660'	FNL & 2300' FEL	SEC-20		R-32-E	
-	FOOTA SCHEMATIC	GE LOCATION	SECTION	TOWNSHIP	RANGE	
(223)	EMILITATION ESS			WELL CONSTRUCTION D	ATA	
		1. SUFACE CASI	√G			
		SIZE: 13-	3/8 INCHES	CEMENTED WITH:	500	sx
13-3/8" 🍇	819'	тос: Surfac	:e	FEET DETERMINED BY:	Circulated	
		HOLE SIZE:	17-1/2	INCHES		
		2. INTERMIDIATE	CASING			
8-5/8"	4482	SIZE: 8-	5/8 INCHES	CEMENTED WITH:	1650	sx
6-5/6		тос: 1350		FEET DETERMINED BY:	Temp. Survey	
		HOLE SIZE:	11	INCHES		
		3. LONG STRING				
		SIZE: 5-	1/2 INCHES	· CEMENTED WITH:	800	sx
		тос:27	'10	FEET DETERMINED BY:	Temp. Survey	
		HOLE SIZE:	7-7/8	INCHES		
		4. INJECTION INT	[ERVAL	6446 FEET TO:	6 4 67 FEET	
			(PERFORAT	ED OR OPEN HOLE; INDICATE		
	6370'	5. TOTAL DEPTH	(:	6700 FEET		
	PERFS 6446'-6467'	6. TUBING SIZE				
5-1/2	-	SIZE: 2-7/8	8 inches	LINED WITH: 1PC 5	505 - PLASTIC COATING	
		SET IN A: ARRO\	 W SET 1-XS, F	PKR PACKER AT:	6370 FEET:	
OTHER DA	ATA					
A . 1	IS THIS A NEW WELL DRILLED FO	OR INJECTION?	YES	X NO		
1	IF NO, FOR WHAT PURPOSE WA	S THE WELL ORIGINALLY D	RILLED?	PRODUCING O	IL AND GAS WELL	
	COMMENT: SPUD WELL 11/2/74.					
-			SAND (BRUSH	1		
	NAME THE INJECTION FORMATION	JN				
Ç. i	NAME THE FIELD OR POOL (IF A	PPLICABLE)	LUSK WE	ST (DELAWARE)		
	HAS THE WELL EVER BEEN PER DETAIL, I.E. SACKS OF CEMENT			L SUCH PERFORATED INTERVA '-8914' CIBP AT 8800' W/5, SX, CN		
<u>.</u>	CIBP AT 10640' W/5, SX, CMT/TO	P. PERFS 11460'-11581', CI	BP AT 11430',W/5	, SX, CMT/TOP, CIBP AT 12212	W/20, SX, CMT/TOP	
Ε.	GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDE	RLYING OIL OR G	SAS ZONES IN THIS AREA:		
-	1. YATES 2600'-2800'	WATKINS YATES		5. STRAWN 11000'-11200	LUSK STRAWN OIL	
		S. LUSK YATES		6. ATOKA 11200'-11400'	LUSK ATOKA GAS	
_	2. DELAWARE 4600'-7100'			7. MORROW 11500'-1200		
		LUSK DELAWAR	<u></u>		N.W. LUSK MORROW GA	
-	3. BONE SPRING 8200'-89	50' WATKINS BONE LUSK BONE SPR		-	FORM C-108	
		S. LUSK BONE S	PRING	-	SECTION III	NAI
		E. LUSK BONE S	PRING	- -	APPLICATION FOR AUTHORIZATIO	'IN
	4. WOLF CAMP 10100'-10'	700' LUSK WOLFCAM	IP OIL		Parker & Parsley Development L.P.	
•		E. LUSK WOLFC		_	WATER INJECTION WELL	
		S. LUSK WOLFC	AIVIF UIL	_		

Parker & Parsley

OPERATOR:	Development L.	P.	LEASE:	LUSK DE	EP UNIT "A"		
WELL NO	17 330' FNL	& 330' FEL	SEC-20		T-19-S	R-32-E	
SCHE	FOOTAGE	LOCATION	SECTION		TOWNSHIP	RANGE	
		1. SUFAC	E CASING	WELL CO	ONSTRUCTION D	DATA	
	882'	SIZE:	13-3/8 INCHE	S CEME	NTED WITH:	1000	sx
13-3/8"	002	TOC:	Surface	FEET DET	ERMINED BY:	Circulated	
		HOLE SIZE:	17-1/2		INCHES		
		2. INTERI	MIDIATE CASING				
8-5/8"	4510'	SIZE:	8-5/8 INCHE	S CEME	NTED WITH:	1450	sx
		TOC:	Surface	_FEET DETI	ERMINED BY:	Circulated	
		HOLE SIZE:	12-1/4	· · · · · · · · · · · · · · · · · · ·	INCHES		
		3. LONG	STRING				
		SIZE:	5-1/2 INCHE	S CEME	NTED WITH:	800	sx
		TOC:	2790	FEET DET	ERMINED BY:	CALCULATED	
		HOLE SIZE:	7-7/	8	INCHES		
	☑ PKR @ 6400'	4. INJECT	(PERFORA		N HOLE ; INDICATE	6484 FEET E WHICH)	
19601	6400' PERFS 6476'-6484'	5. TOTAL	DEPTH:	7224	FEET		
H	0470-0404	6. TUBIN	G SIZE				
5-1/2"	7220'	SIZE:	INCHES	LINED WIT	H: IPC	505 - PLASTIC COATING	
		SET IN A:	ARROW SET 1-XS,	PKR	PACKER AT:	6400 FEET:	
OTHER DATA							
A. IS THI	IS A NEW WELL DRILLED FOR I	NJECTION?	YES	x	NO		
IF NO	, FOR WHAT PURPOSE WAS TI	HE WELL ORIG	GINALLY DRILLED?		PRODUCING (DIL AND GAS WELL	
B. NAME	THE INJECTION FORMATION:		6400' SAND (BRUS	HY CANYO	ON)	· · · · · · · · · · · · · · · · · · ·	·
C. NAME	THE FIELD OR POOL (IF APPL	ICABLE)	LUSK W	EST (DELA	WARE)		
	THE WELL EVER BEEN PERFOR AIL, I.E. SACKS OF CEMENT OR		1.1_	ALL SUCH PE	RFORATED INTERV	ALS AND GIVE PLUGGED	
E. GIVE	THE NAME(S) AND DEPTH(S) C	OF ANY OVER	OR UNDERLYING OIL OR	GAS ZONES	IN THIS AREA:		
1. YA	ATES 2600'-2800'	WATKINS	SYATES	5. STRA	 WN 11000'-1120	0' LUSK STRAWN OIL	
		N.E. LUS S. LUSK	K YATES YATES	6. ATOK	A 11200'-11400'	LUSK ATOKA GAS	
2. DI	ELAWARE 4600'-7100'		DELAWARE LAWARE	7. MORF	ROW 11500'-120	N.W. LUSK MORROW	
3. B0	ONE SPRING 8200'-8950'			_		N. LUSK MORROW GA	
		S. LUSK	NE SPRING BONE SPRING BONE SPRING	_		FORM C-108 SECTION III APPLICATION FOR AUTHORIZATIO	NC
<u>4. W</u>	OLF CAMP 10100'-10700	LUSK WO		_		TO INJECT Parker & Parsley Development L.P. WATER INJECTION WELL TABULATION OF WELL DATA	

SHACKELFORD OIL		PLAINS U	NIT		
OPERATOR		LEASE			
6	1980' FSL & 660' FWL	SEC-21	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND G	AS WELL	SPUD DATE:	7/10/96	
			TABULAR DATA		
SCHEMATIC	1. SUFACE CA	ASING			
	SIZE: 1	3-3/8 INCHES	CEMENTED WITH:	750	sx
	TOC: Su	rface	FEET DETERMINED BY:	Circulated	
13-3/8" 825	HOLE SIZE:	17-1/2	INCHES		
10-3/4"	2. INTERMIDIA	ATE CASING			
	SIZE: 1	0-3/4 INCHES	CEMENTED WITH:	700	sx
	тос: <u>Su</u>	rface	FEET DETERMINED BY:	Circulated	
10-3/4" 2651'	HOLE SIZE:	12-1/4	INCHES		
10-3/4" 2651'	3. INTERMIDIA	ATE CASING	_		
	SIZE: 8	3-5/8 INCHES	CEMENTED WITH:	275	sx
	TOC:	3335	FEET DETERMINED BY:	Calculated	
	HOLE SIZE:	11	INCHES		
8-5/8"	4. LONG STRI	NG			
8-5/8" 4490'	SIZE: 5	5-1/2 INCHES	CEMENTED WITH:	200	sx
	TOC:	10714	FEET DETERMINED BY:	Calculated	
	HOLE SIZE:	7-7/8	INCHES		
	5. TOTAL DEF	TH: 11690	FEET		
	6. PERFORAT				
		11516	FEET TO: ED OR OPEN HOLE; INDIC	11530 FEE	Γ
		(FERI ORATI	"PERFORATE		
				FORM C-108	
			APPLICATI	SECTION VI ON FOR AUTHORIZATIOI	N
PERFS 11516'-115	30'		· · · ·	TO INJECT	
11310-113.			Da	rker & Parsley	
5 1/2" 11690'	•			velopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

RAY WESTALL OPERATING CORP.				LUSK "16" STATE					
OPERAT	TOR				LEASE				
	1	660' FSL	& 660' FWI		SEC-16	T-19-S	R-32-E		
	WELL NO.		LOCATION		SECTION	TOWNSHIP			
	TYPE OF WELL:	PRODUC	CING OIL AN	ID GAS WE	LL	SPUD DATE	::3/9/62		
	SCHEMATI	c	1. SUFAC	E CASING		TABULAR DATA			
			SIZE:	13-3/8	INCHES	CEMENTED WITH:	125	sx	
			TOC:	Surface		FEET DETERMINED BY:	Circulated		
13-3/8"		208'	HOLE SIZE:		17-1/2	INCHES			
			2. INTERN	MIDIATE CA	ASING				
			SIZE:	9-5/8	INCHES	CEMENTED WITH:	500	sx	
			TOC:	Surface		FEET DETERMINED BY:	Circulated		
			HOLE SIZE:		11	. INCHES			
9-5/8"	1888	450'	3. LONG	STRING					
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	3475	sx	
		450'	TOC:	Surface		FEET DETERMINED BY:	Circulated		
			HOLE SIZE:		7-7/8	INCHES			
			4. TOTAL	DEPTH:	6600	FEET			
			5. PERFO	RATIONS	6503	FEET TO:	6509 FEE	т	
						ED OR OPEN HOLE; IND		•	
	-1/2"					"PERFORAT	ED"		
		3					FORM C-108 SECTION VI		
		TBG @ 6230'				APPLICAT	ION FOR AUTHORIZATION	i	
		PERFS 6503'-6509'				_	TO INJECT		
5	-1/2"	6600'					arker & Parsley evelopment L.P.		

WATER INJECTION WELL

SHA	CKELFORD OIL		AMOCO	AMOCO FEDERAL						
OPERA	TOR		LEASE							
	1	660' FNL & 330' FWL	SEC-21	T-19-S	R-32-E					
	WELL NO.		SECTION	TOWNSHIP						
	TYPE OF WELL:	PRODUCING OIL AND GA	AS WELL	SPUD DATE:	9/23/88					
	SCHEMATIC	1. SUFACE CA	ASING	TABULAR DATA						
		SIZE: 1	3-3/8 INCHE	S CEMENTED WITH:	475	sx				
		тос: Su	rface	FEET DETERMINED BY:	Circulated					
13-3/8"	450'	HOLE SIZE:	17-1/2	INCHES						
		2. INTERMIDIA	ATE CASING							
		SIZE:	8 INCHE	S CEMENTED WITH:	2150	sx				
		TOC: Su	rface	FEET DETERMINED BY:	Circulated					
		HOLE SIZE:	11	INCHES						
8	3" 4250'	3. LONG STRI	NG							
	A.W. 1	SIZE: 5	5-1/2 INCHE	S CEMENTED WITH:	525	sx				
		TOC: 455	0	_FEET DETERMINED BY:	Temp. Survey					
		HOLE SIZE:	7-7/8	INCHES						
		4. TOTAL DEP	PTH: 665)FEET						
		5. PERFORAT	IONS 649	O FEET TO:	6493 FEET	Ī				
	PERFS 4892'-4906		(PERFORA	TED OR OPEN HOLE; INDIC "PERFORATE						
	PERFS 4892'-4906 PERFS 6490'-6493				FORM C-108 SECTION VI ON FOR AUTHORIZATION TO INJECT					
	5-1/2" 6650'				rker & Parsley velopment L.P.					

WATER INJECTION WELL

OPERAT	KELFORD OIL		<u> </u>	MOBIL FE		<u>.</u>			
	2	1650' FNL & 1650' F\	ιΛЛ	SEC-21		T-19-S	R-32-	F	
	WELL NO.	FOOTAGE LOCATION	··-	SECTION		TOWNSHIP	RANGI		
	TYPE OF WELL:	PRODUCING OIL AN	ND GAS WE	ILL	. :	SPUD DATE:	8/3	0/88	<u>-</u>
	SCHEMATIC	1 SUFAC	E CASING		TABULAR	DATA			
		1. SUFAC	CASING						
		SIZE:	13-3/8	INCHES	CEMENTED V	MTH:	47	75	sx
		TOC:	Surface		FEET DETER	MINED BY:	Circu	ulated	
		HOLE SIZE:	:	17-1/2		INCHES			
		2. INTERI	MIDIATE C	ASING					
		SIZE:	N/A	INCHES	CEMENTED V	VITH:	N/	Α	sx
		TOC:	N/A		FEET DETER	MINED BY:	N/	Α	
	454	HOLE SIZE:		N/A		INCHES			
13-3/8'	454'	3. LONG	STRING						
		SIZE:	5-1/2	INCHES	CEMENTED	VITH:	16	i5	sx
		TOC:	5997		FEET DETER	MINED BY:	Calcu	lation	
		HOLE SIZE:		11 & 7-7/8		INCHES			
		4. TOTAL	DEPTH:	6690		FEET			
		5. PERFC	PRATIONS	0.400			0405		
				(PERFORATI	ED OR OPEN	FEET TO: HOLE ; INDICA' ERFORATED		FEET	
							ORM C-108		
	PERFS	5			A	PPLICATION	ECTION VI I FOR AUTHOR	RIZATION	

6490-6495

Parker & Parsley Development L.P.

WATER INJECTION WELL

Parker & Parsley

			•
Develo	pmen	t L	P.

LUSK DEEP UINIT "A"

OPERATOR		LEASE			
19	330' FNL & 1656' FEL	SEC-20	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND GAS	WELL	SPUD DATE:	1/26/90	
SCHEMATIC	1. SUFACE CAS	ING	TABULAR DATA		
			CEMENTED WITH:	1000	sx
				Circulated	
13-3/8" 870'		17-1/2	INCHES		
	2. INTERMIDIAT	E CASING			
	SIZE: <u>8-5</u>	/8 INCHES	CEMENTED WITH:	3230	sx
	тос: Surfa	псе	FEET DETERMINED BY:	Circulated	
	HOLE SIZE:	12-1/4	INCHES		
8-5/8" 4500'	3. LONG STRING	}			
	SIZE: 5-1	/2 INCHES	CEMENTED WITH:	900	sx
	TOC:	1630	FEET DETERMINED BY:	Temp. Survey	
	HOLE SIZE:	7-7/8	INCHES		
	4. TOTAL DEPTH	H: 7220	FEET		
	5. PERFORATIO	NS 6468	FEET TO	.6481 FEI	
			FEET TO:		E1
TBG @ 64 PERFS 6468'-6481		, 2 2	"PERFORATE		
☐ ☐ TBG @ 64	87'			FORM C-108 SECTION VI	
PERFS 6468'-6481	P		APPLICATIO	ON FOR AUTHORIZATION TO INJECT	N
5-1/2" 7220'				rker & Parsley relopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

LUSK DEEP "A"

	opinent E.i :			LOOKBEL		 		
OPERA	TOR			LEASE				
	15	1651' FNL & 330' FEL		SEC-20	T-19-S	R-32-E	=	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP			
	TYPE OF WELL:	PRODUCING OIL AND	O GAS WE	LL	SPUD DATE:	:11/2:	2/88	
	SCHEMATIC				TABULAR DATA			
	2001	1. SUFACI	E CASING					
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	100	0	sx
			Surface		FEET DETERMINED BY:	Circu	lated	
13-3/8"	828	HOLE SIZE:		17-1/2	INCHES			
		2. INTERM	IIDIATE CA	ASING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	700)	sx
		TOC:	2370		FEET DETERMINED BY:	Temp. S	Survey	
	4500	HOLE SIZE:		12-1/4	INCHES			
8-5/8'	- +3000	3. LONG S	TRING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	600)	sx
		TOC:	4690		FEET DETERMINED BY:	Temp. S	Survey	
		HOLE SIZE:	 	7-7/8	INCHES			
		4. TOTAL	DEPTH:	7220	FEET			
		5. PERFOI	RATIONS					
				6468	FEET TO:	6478	FEET	
				(PERFORATI	ED OR OPEN HOLE ; INDI PERFORAT			
					. = •,			
						FORM C-108		
						SECTION VI		
	PERFS	701			APPLICATI	ON FOR AUTHOR	IZATION	
	PERFS 6468'-647 4 SXS CM CIBP @ 7	0				TO INJECT		
	4 SXS CM				_			
	CIBP @ 7	U3U				arker & Parsley		
	5-1/2" 7220'				De	velopment L.P	-	

WATER INJECTION WELL

YATE	YATES HARVEY E					LUSK "16" STATE				
OPERA1	TOR				LEASE			······································		
	2	1650' FSL &	330' FWL		SEC-16	T-19-S	R-32-E			
	WELL NO.	FOOTAGE LO			SECTION	TOWNSHIP	RANGE			
	TYPE OF WELL: _	DRY HOLE			_	SPUD DATE:	7/30	/89		
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA				
		10 SXS CMT	SIZE:	9-5/8	INCHES	CEMENTED WITH:	500	sx		
			TOC:	Surface		FEET DETERMINED BY:	Circul	ated		
			HOLE SIZE:		11	INCHES				
			2. INTERN	MIDIATE C	ASING					
	1 1 1 1 1 1 1 1 1 1		SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx		
			TOC:	N/A	<u></u>	FEET DETERMINED BY:	N/A			
			HOLE SIZE:		N/A	INCHES				
9-5/8"		450'	3. LONG	STRING						
5-5/0			SIZE:	5-1/2	INCHES	CEMENTED WITH:	3475	sx		
			TOC:	Surface	!	FEET DETERMINED BY:	Circul	ated		
			HOLE SIZE:		7-7/8	INCHES				
		25 SXS CMT 688'-938'	4. TOTAL	DEPTH:	6600	FEET				
			5. PERFO	RATIONS						
	CIBP				6506 (PERFORATI	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED"	6506 CATE WHICH)	FEET		
		25 SXS CMT				PERFORATED IN AN		?		
		2526'-2776'				ED INTERVALS AND G ENT OR PLUG(S) USE		NONE		
	CIBP	50 SXS CMT CIBP @ 4800'								
	CIBP	CIBI @ 4000					FORM C-108 SECTION VI			
						АРР	LICATION FOR AUTHO	PRIZATION		
		50 SXS CMT	•				Parker & Parsley Development L.P			
	CIBP	CIBP @ 6475'					WATER INJECTION V	VELL		
5-1	/2"	6600'				1	TABULATION OF WELL	. DATA		

MARE	MARBOB ENERGY CORP.					AQUEDUCT AGG FEDERAL					
OPERAT	TOR		2020		LEASE		 				
	11	330' FSL & 3			SEC-17	T-19-S TOWNSHIP					
	WELL NO.	FOOTAGE LO			SECTION		RANGE	_			
	TYPE OF WELL:	PLUGGED 8	ABANDONI	ED	-	SPUD DATE: _	6/11/89)			
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA					
		15 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	800	sx			
			TOC:	Surface	··-	FEET DETERMINED BY:	Circulate	ed			
13-3/8"		802'	HOLE SIZE:		17-1/2	INCHES					
		40 SXS CMT TOC @ 2812'	2. INTERN	MIDIATE CA	ASING						
			SIZE:	8-5/8	INCHES	CEMENTED WITH:	2950	sx			
		CUT 5-1/2" CSG @ 2890'	TOC:	Surface		FEET DETERMINED BY:	Circulate	ed			
			HOLE SIZE:		12-1/4	INCHES					
			3. LONG S	STRING							
8-5/8	y	4500'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	975	sx			
	CIRP		TOC:	Surface		FEET DETERMINED BY:	Circulate	ed			
		35 SXS CMT TOC @ 4930'	HOLE SIZE:		7-7/8	INCHES					
		CIBP @ 4975'	4. TOTAL	DEPTH:	7300	FEET					
			5. PERFO	RATIONS	6486 (PERFORATE	FEET TO: ED OR OPEN HOLE; INDIC. PERFORATED"	6498 ATE WHICH)	FEET			
			LIST AL	L SUCH P	ERFORATE	PERFORATED IN ANY ED INTERVALS AND GI ENT OR PLUG(S) USE	IVE PLUGGED	NONE			
						· · · · · · · · · · · · · · · · · · ·					
							FORM C-108 SECTION VI				
						APPL	ICATION FOR AUTHORI TO INJECT	ZATION			
							Parker & Parsley Development L.P.				
							WATER INJECTION WEL				
5-1	/2" 🌋 🖺	7300'				T	ABULATION OF WELL D	ATA			

		y 9	♦ 1 3 • 4	2 ø 4-B ø 1-A
•1 13• •1	¹	17 × 11	1	3-B 1 1 5 3-A 1-B 5-A 5 4-A 6
	· 1	AGUEDUCT AGG FEDERAV	AMOCO	
→1 →3		UNK DEEP UNIT 147	AMOCO	ø ¹
ψ1 ψ ² φ5		Lusk peep unit \a' 20\\ 4 20\\	1 MOBIL 2 C FEDERAL FEDERAL FEDERAL FEDERAL MOBIL 3 FEDERAL 4 PLAINS FEDERAL 4 PLAINS FEDERAL	•: 22
1 9 1 6 1 9 1 6 1 9		21 ⊕ ▼ :4	4 ₁ •3	2 ●
• 1	• 1	x 2 8 ▲ 11	x 1 •2	•1
•¹ 30 •²	3	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	• 2 28 • 3 • 5	27
• 1		1,6		√ 1 •4
31	1,5	32 °1 32 °1 33 ÷5	33	34

OPERATOR:	SHACKELFO	RD OIL CO.		LEASE:	AMOCO F	EDERAL			
WELL NO	2 990'	FNL & 1650' FWL	-	SEC-21		T-19-S		R-32-E	
sc	FOOT. HEMATIC	AGE LOCATION						RANGE	
		1. SUFACE	CASING		WELL CC	NSTRUCTI	ON DATA		
		SIZE:	13-3/8	INCHES	CEMEN	NTED WITH:		475	sx
13-3/8"	459'	•			-			Circulated	
		HOLE SIZE:			-				
		2. INTERM							
					CEMEN	NTED WATE		100	
8-5/8"	4250'	•			-		NOTE: PULL	LED 3088' 8-8/5" CSG Circulated	sx
		HOLE SIZE:			-			Circulated	<u></u>
	PKR @ 6420' PERFS			12-1/4		-INCHES			
		3. LONG S						2250	
		•			-	NOTE: PUMP	PED 1575 SX	2250 S CMT FROM TOPSIDE	SX
		TOC:	Surface		FEET DETE	RMINED BY:		Circulated	
		HOLE SIZE:		7-7/8		INCHES			
		4. INJECTI				FEET TO:		6503 FEET	
	区 区 PKR @ 6420'				ERFORAT			•	
		5. TOTAL I	DEPTH:		6700	FEET			
	6489-6503	6. TUBING	SIZE						
5-1/2"	6650'	SIZE:	2-7/8	INCHES	LINED WITH	H:	IPC 505 -	PLASTIC COATING	
		SET IN A:	ARROW S	ET 1-XS,	PKR	PACKER AT		6420 FEET:	
OTHER DATA	•								
A. IS	THIS A NEW WELL DRILLED F	OR INJECTION?		YES	X	NO -			
IF P	IO, FOR WHAT PURPOSE W	AS THE WELL ORIGI	NALLY DRILL	LED?		PRODUCI	NG OIL AN	ID GAS WELL	
			······································		= =				
B. NA	ME THE INJECTION FORMAT	ION:	6400' SAN	ID (BRUSH	Y CANYO	N)		·	
C. NA	ME THE FIELD OR POOL (IF)	APPLICABLE)	· · · · · · · · · · · · · · · · · · ·	LUSK WE	ST (DELA)	WARE)			· · · · · · · · · · · · · · · · · · ·
	S THE WELL EVER BEEN PEI TAIL, I.E. SACKS OF CEMEN								
<u>U.</u>	DELAWARE PERFS 48	56'-4867' PLAN	TO SQZ O	FF U. DEL	AWARE CO	ONVERT TO) WIW IN 6	3469'-6503' PERFS	
E. GIV	'E THE NAME(S) AND DEPTH	(S) OF ANY OVER O	R UNDERLYI	ING OIL OR C	GAS ZONES I	IN THIS AREA:			
<u>1.</u>	YATES 2600'-2800'	WATKINS		_	5. STRAV	VN 11000'-	11200'	LUSK STRAWN OIL	
		N.E. LUSK S. LUSK Y		-	6. ATOKA	11200'-11	400'	LUSK ATOKA GAS	
2.	DELAWARE 4600'-7100)' W. LUSK [DELAWARI	Ē	7. MORR	OW 11500'	-12000'	LUSK MORROW GA	ıs
	-	LUSK DEL	AWARE	-				N.W. LUSK MORRO N. LUSK MORROW	
3.	BONE SPRING 8200'-8	950' WATKINS LUSK BON			-			FORM C-108	
		S. LUSK B	ONE SPRI	ĪNG			APPLI	SECTION III CATION FOR AUTHORIZA	TION
		E. LUSK B			-			TO INJECT Parker & Parsley	
4.	WOLF CAMP 10100'-10	E. LUSK V	VOLFCAM	POIL	_			Development L.P. WATER INJECTION WELL BULATION OF WELL DAT	· A
		S. LUSK V	VULFCAMI	r UIL	_				

OPERATOR	SHACKELFORD	OIL CO.	LEASE:	MOBIL FE	DERAL		
WELL NO	11650' FN	L & 330' FW	L SEC-21		T-19-S	R-32-E	
-	FOOTAGE	LOCATION	SECTION		TOWNSHIP	RANGE	
		4 SUEAC	E CACINO	WELL CO	NSTRUCTION	DATA	
		1. SUFAC					
13-3/8"	461'	SIZE:	13-3/8 INCHE	S CEMEN	ITED WITH:	475	SX
		TOC:	Surface	FEET DETE	RMINED BY:	Circulated	
		HOLE SIZE:	17-1/2		NCHES		
		2. INTERN	IIDIATE CASING				
8-5/8"	4257'	SIZE:	8-5/8 INCHE	S CEMEN	NTED WITH:	860	sx
8-5/8" #	1973. 1 1 18725	TOC:	Surface	FEET DETE	RMINED BY:	Circulated	
	U.DELAWARE PERFS 4874'-5040'		12-1/4	_			
	CURRENT U.DELAWARE PERFS 4874'-5040' PROPOSED TO CMT SQZ OFF U. DEL. PKR @ 6400'				-		
		SIZE:	5-1/2 INCHE	S · CEMEN	NTED WITH:	875	sx
		TOC:	4248	FEET DETE	RMINED BY:	Temp. Survey	
			7-7/8				-
					_	6479 FEE	ET .
	☑ ☑ PKR @		(PERFORA		HOLE ; INDICATI		
	6400'						
	PERFS 6469'-6479'		DEPTH:	6/00	_FEET		
	6469'-6479'	6. TUBING	S SIZE			•	
5-1/2"	6692'	SIZE:	2-7/8 INCHES	LINED WITH	H: IPC	505 - PLASTIC COA	ring
		SET IN A:	ARROW SET 1-XS,	PKR	PACKER AT:	6400 FEE	ET:
OTHER DA	ΓΑ						
A . 15	S THIS A NEW WELL DRILLED FOR !	NJECTION?	YES	x	NO		
	NO, FOR WHAT PURPOSE WAS TH		INALLY DRILLED?		- PRODUCING	OIL AND GAS WELL	
	NO, FOR VIII NO COL VIII O VI		W SEET STREETS.			0.10 0.10 1.122	
B. N	AME THE INJECTION FORMATION:		6400' SAND (BRUSI	-IY CANYO			
	AME THE FIELD OR POOL (IF APPL	ICABLE)		EST (DELA)		· · · · · · · · · · · · · · · · · · ·	
	IAS THE WELL EVER BEEN PERFOR	·				ALS AND GIVE PLUGGED	
	DETAIL, I.E. SACKS OF CEMENT OR					2'-5040' CIBP @ 5183	
5	6/92 PERFS 4874'-4892' CIBP	@ 4940', Cl	JRRENTLY PRODUC	ING FROM	U. DELAWARE	PERFS 4874'-4892'	
E . G	SIVE THE NAME(S) AND DEPTH(S) O	F ANY OVER (OR UNDERLYING OIL OR	GAS ZONES I	N THIS AREA:		
<u>1</u>	. YATES 2600'-2800'	WATKINS N.E. LUSK		5. STRAV	VN 11000'-1120	00' LUSK STRAW	/N OIL
		S. LUSK Y		6. ATOKA	11200'-11400'	LUSK ATOKA	GAS
2	2. DELAWARE 4600'-7100'		DELAWARE	7. MORR	OW 11500'-120		
		LUSK DEI	 			N. LUSK MOF	ORROW GAS RROW GAS
3	B. BONE SPRING 8200'-8950'		BONE SPRING NE SPRING			FORM C-10	
		S. LUSK E	BONE SPRING			SECTION : APPLICATION FOR AU	
		E. LUSK E	BONE SPRING			TO INJECT Parker & Par	Т
4	WOLF CAMP 10100'-10700		NOLFCAMP OIL			Development WATER INJECTION	L.P.
			WOLFCAMP OIL	<u> </u>			

Parker & Parsley

PERATOR:	Development L.P	•	1	.EASE:	LUSK DE	EEP UNIT "A"			
VELL NO	17 330' FNL 8					T-19-S		R-32-E	<u>.</u>
SC	FOOTAGE L HEMATIC	OCATION	S	ECTION		TOWNSHIP		RANGE	
30	T. T	1. SUFACE C	ASING		WELL C	ONSTRUCTION	DATA		
40.000	882'	SIZE:	13-3/8	INCHES	. СЕМЕ	ENTED WITH:		1000	sx
13-3/8"		тос: <u>S</u> ı	urface	·	FEET DET	ERMINED BY:		Circulated	
		HOLE SIZE:	1	17-1/2		INCHES			
		2. INTERMID	IATE CAS	SING					
8-5/8"	4510'	SIZE:	8-5/8	INCHES	CEME	ENTED WITH:		1450	sx
		TOC: SI	urface		FEET DET	ERMINED BY:		Circulated	
		HOLE SIZE:	1	12-1/4		INCHES			
		3. LONG STF	RING						
		SIZE:	5-1/2	INCHES	СЕМЕ	ENTED WITH:		800	sx
		TOC:	2790		FEET DET	ERMINED BY:	C	ALCULATED	
		HOLE SIZE:		7-7/8		INCHES			
	☑ PKR @ 6400'	4. INJECTIOI		PERFORAT		EN HOLE ; INDICAT		6484 FEET H)	
		5. TOTAL DE	PTH:	 	7224	FEET			
	PERFS 6476'-6484'	6. TUBING S	IZE						
5-1/2"	7220'	SIZE:	2-7/8 II	NCHES	LINED WIT	гн: іР (C 505 -	PLASTIC COATING	
		SET IN A: AF	RROW SE	T 1-XS,	PKR	PACKER AT:		6400 FEET:	
OTHER DATA	L								
A. IS 7	THIS A NEW WELL DRILLED FOR IN	JECTION?	\	res	X	NO			
IF I	NO, FOR WHAT PURPOSE WAS THE	E WELL ORIGINA	LLY DRILLE	D?		PRODUCING	OIL AI	ND GAS WELL	
B. NA	ME THE INJECTION FORMATION:	64	100' SAND	(BRUSH	Y CANYO	ON)			
C. NA	ME THE FIELD OR POOL (IF APPLIC	CABLE)	l	USK WE	ST (DELA	AWARE)			
	S THE WELL EVER BEEN PERFORA		•	S)? LISTAL NO	L SUCH PE	ERFORATED INTER	VALS AN	ND GIVE PLUGGED	
E. GIV	/E THE NAME(S) AND DEPTH(S) OF	ANY OVER OR I	UNDERLYIN	IG OIL OR O	SAS ZONES	S IN THIS AREA:		· · · · · · · · · · · · · · · · · · ·	
<u>1.</u>	YATES 2600'-2800'	WATKINS YA			5. STRA	WN 11000'-112	:00'	LUSK STRAWN OIL	
		N.E. LUSK Y. S. LUSK YAT			6. ATOK	(A 11200'-11400)'	LUSK ATOKA GAS	· · · · · · · · · · · · · · · · · · ·
2.	DELAWARE 4600'-7100'	W. LUSK DE LUSK DELA			7. MORI	ROW 11500'-12	000'	LUSK MORROW GAS	
3	BONE SPRING 8200'-8950'	WATKINS BO	ONE SPR	ING				N. LUSK MORROW (3AS
<u>J.</u>		LUSK BONE	SPRING	· · · · · · · · · · · · · · · · · · ·	-			FORM C-108	
		S. LUSK BOI			- -		APPI	SECTION III LICATION FOR AUTHORIZA TO INJECT	TION
4.	WOLF CAMP 10100'-10700'							Parker & Parsley Development L.P. WATER INJECTION WELL	
		E. LUSK WO			-		т	ABULATION OF WELL DATA	A

OPERATO	OR: SHACKELFOR	RD OIL CO.	LEASE:	MOBIL FEDERAL		
WELL NO		FWL & 2310' FSL	SEC-21	T-19-S TOWNSHIP	R-32-E	
	SCHEMATIC	JE LOCATION	SECTION	IOWNSHIP	RANGE	
==		1. SUFACE CA	SING	WELL CONSTRUCTION DA	TA	
		SIZE: 1	3-3/8 INCHE	S CEMENTED WITH:	4 75 s	зх
		тос: <u>Surf</u>	ace	FEET DETERMINED BY:	Circulated	
		HOLE SIZE:	17-1/2	INCHES		
		2. INTERMIDIA	TE CASING			
	477'	SIZE:	N/A INCHE	S CEMENTED WITH:	N/A s	sx
13-3/8"	4//	TOC:	N/A	FEET DETERMINED BY:	N/A	
		HOLE SIZE:	N/A	A INCHES		
		3. LONG STRIN				
		SIZE:	5-1/2 INCHE	S CEMENTED WITH:	2620 \$	sx
				FEET DETERMINED BY:	•	
		-		NOTE: 1" PLUG TO 1336' CMTD W. NOTE: 1" PLUG TO 1336' CMTD W.		
			NTERVAL (PERFORA	6468 FEET TO:	~	
	6400' PERFS	5. TOTAL DEP		PERFORATED " 7230 FEET		
	CIBP CIBP @ 6550'	6. TUBING SIZ	E			
5-1		SIZE: 2-	7/8 INCHES	LINED WITH: IPC 50	05 - PLASTIC COATING	
		SET IN A: ARR	OW SET 1-XS,	PKR PACKER AT:	6400 FEET:	
OTHER D	DATA					
A.	IS THIS A NEW WELL DRILLED FO	R INJECTION?	YES	NO		
	IF NO, FOR WHAT PURPOSE WAS	THE WELL ORIGINALL	Y DRILLED?	PRODUCING OIL	_ AND GAS WELL	
			OLCAND (DDLIC)	LIV CANNOND		
В.	NAME THE INJECTION FORMATIO		O' SAND (BRUS	 		
C.	NAME THE FIELD OR POOL (IF AF	PLICABLE)	LUSK VVI	EST (DELAWARE)		_
D.	HAS THE WELL EVER BEEN PERF DETAIL, I.E. SACKS OF CEMENT		R ZONE(S)? LIST A	ALL SUCH PERFORATED INTERVAL	S AND GIVE PLUGGED	
			 			
E.	GIVE THE NAME(S) AND DEPTH(S	s) OF ANY OVER OR UN	DERLYING OIL OR	GAS ZONES IN THIS AREA:		
	1. YATES 2600'-2800'	WATKINS YAT		5. STRAWN 11000'-11200'	LUSK STRAWN OIL	
		S. LUSK YATE		6. ATOKA 11200'-11400'	LUSK ATOKA GAS	
	2. DELAWARE 4600'-7100'	W. LUSK DELA		7. MORROW 11500'-12000	LUSK MORROW GAS N.W. LUSK MORROW GAS	
	3. BONE SPRING 8200'-89				N. LUSK MORROW GAS	
	J. DUNE SEKTING 8200-895	LUSK BONE S	PRING		FORM C-108	
		S. LUSK BONE			SECTION III APPLICATION FOR AUTHORIZATION	
		E. LUSK BONE	SPRING		TO INJECT Parker & Parsley	
	4. WOLF CAMP 10100'-107	00' LUSK WOLFC			Parker & Parsley Development L.P. WATER INJECTION WELL	

S. LUSK WOLFCAMP OIL

SHACKELFORD OIL		PLAINS U	INIT		
OPERATOR		LEASE			
	1980' FSL & 660' FWL				
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND GA	AS WELL	SPUD DATE	:7/10/96	
SCHEMATIC	1. SUFACE CA	SING	TABULAR DATA		
	SIZE: 1	3-3/8 INCHES	CEMENTED WITH:	750	sx
	тос: Ѕи	face	FEET DETERMINED BY:	Circulated	
13-3/8" 🗸 825'	HOLE SIZE:	17-1/2	INCHES		
	2. INTERMIDIA	TE CASING			
	SIZE: 10	0-3/4 INCHES	CEMENTED WITH:	700	sx
10.3/4"	TOC: Sur	face	_FEET DETERMINED BY:	Circulated	
	HOLE SIZE:	12-1/4	INCHES		
10-3/4" 2651'	3. INTERMIDIA	TE CASING			
	SIZE: 8	-5/8 INCHES	S CEMENTED WITH:	275	sx
	TOC:	3335	FEET DETERMINED BY:	Calculated	
	HOLE SIZE:	11	INCHES		
8. 5/8" 4490'	4. LONG STRII	NG			
8-5/8" 4490'	SIZE: 5	-1/2 INCHES	CEMENTED WITH:	200	sx
278 799	TOC:	10714	FEET DETERMINED BY:	Calculated	
	HOLE SIZE:	7-7/8	INCHES		
	5. TOTAL DEP	TH: 11690) FEET		
	6. PERFORATI	I ONS 11516	FEET TO:	11530 FEET	-
			TED OR OPEN HOLE; INDI	CATE WHICH)	
				FORM C-108	
			APPLICAT	SECTION VI ION FOR AUTHORIZATION	1
PERFS 11516'-115	30'		<u>-</u>	TO INJECT	
				arker & Parsley evelopment L.P.	
5-1/2" 🖺 🖺 11690'			Di	overopinent E.F.	

WATER INJECTION WELL TABULATION OF WELL DATA

SHACKELFORD OIL	HACKELFORD OIL				MOBIL FEDERAL					
OPERATOR			LEASE							
2	1650' FNL & 1650' FW	<u>'L</u>	SEC-21	T-19-S						
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE					
TYPE OF WELL:	PRODUCING OIL AND	GAS WE	LL	SPUD DATE	E: 8/30/88	3				
SCHEMATIC	1. SUFACE	CASING		TABULAR DATA						
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	SX				
	TOC:	Surface		FEET DETERMINED BY:	Circulate	ed				
12 2/9"	HOLE SIZE:		17-1/2	INCHES						
	2. INTERM	IDIATE CA	ASING							
	SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx				
	TOC:	N/A		FEET DETERMINED BY:	N/A					
	HOLE SIZE:		N/A	INCHES						
13-3/8" 454'	3. LONG S	TRING								
:	SIZE:	5-1/2	INCHES	CEMENTED WITH:	165	sx				
	TOC:	5997		FEET DETERMINED BY:	Calculation	<u>on</u>				
	HOLE SIZE:		11 & 7-7/8	INCHES						
	4. TOTAL [DEPTH:	6690	FEET						
	5. PERFOR	RATIONS	6490	FEET TO:	6495	FEET				
				ED OR OPEN HOLE; INC	DICATE WHICH)					
				"PERFORAT	ſED"					
					FORM C-108					
					SECTION VI					
PERF: 6490-6				APPLICAT	ION FOR AUTHORIZA	TION				
6490-€	3495			n	arker & Parsley					
5-1/2" 6690'					evelopment L.P.					

WATER INJECTION WELL

SHACKELFORD OIL		MOBIL FI	MOBIL FEDERAL					
OPERATOR		LEASE						
	2310' FSL & 330' FWL FOOTAGE LOCATION	SEC-21	T-19-S TOWNSHIP	R-32-E				
	PRODUCING OIL AND G	SAS WELL	SPUD DATE:	10/25/89				
SCHEMATIC	1. SUFACE C	ASING	TABULAR DATA					
	SIZE:	13-3/8 INCHE	S CEMENTED WITH:	475	sx			
13-3/8"	тос: <u>S</u>	urface	FEET DETERMINED BY:	Circulated				
13-3/6	HOLE SIZE:	17-1/2	INCHES					
	2. INTERMIDI	ATE CASING						
	SIZE:	8-5/8 INCHE	S CEMENTED WITH:	1090	sx			
	TOC:	150	FEET DETERMINED BY:	Temp. Survey				
	HOLE SIZE:	11	INCHES					
8-5/8" 4256'	3. LONG STR	ING		•				
	SIZE:	5-1/2 INCHE	S CEMENTED WITH:	1000	sx			
	TOC:	3240	FEET DETERMINED BY:	Calculated				
	HOLE SIZE:	7-7/8	INCHES					
8-5/8"	4. TOTAL DE	PTH:724	D FEET					
	5. PERFORA	TI ONS 6478	9 5557.70	C495				
			FEET TO: TED OR OPEN HOLE; INDIC	6485 FEET				
			"PERFORATE	ED"				
				FORM C-108 SECTION VI				
TBG @ 711	1'		APPLICATIO	ON FOR AUTHORIZATION				
PERFS 6478'-6485	,			TO INJECT				
TBG @ 711 PERFS 6478'-6485				rker & Parsley velopment L.P.				

WATER INJECTION WELL
TABULATION OF WELL DATA

SHA	CKELFORD OIL			AMOCO FEDERAL					
OPERA	TOR			LEASE					
	1	660' FNL & 330' FWL		SEC-21	T-19-S	R-32-E			
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE			
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WEI	LL_	SPUD DATE:	9/23/88			
	SCHEMATIC	4 SUEAC	E CASING		TABULAR DATA				
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	sx		
40.040"			Surface		FEET DETERMINED BY:	Circulated			
13-3/8"		450' HOLE SIZE:	 	17-1/2	INCHES				
		2. INTERN	MIDIATE CA	SING					
		SIZE:	8	INCHES	CEMENTED WITH:	2150	sx		
		TOC:	Surface		FEET DETERMINED BY:	Circulated			
		HOLE SIZE:		11	INCHES				
;	8" 4	^{250'} 3. LONG \$	STRING						
	**************************************	SIZE:	5-1/2	INCHES	CEMENTED WITH:	525	sx		
		TOC:	4550		FEET DETERMINED BY:	Temp. Survey			
		HOLE SIZE:		7-7/8	INCHES				
		4. TOTAL	DEPTH:	6650	FEET				
		5. PERFO	RATIONS						
	PERE			6490	FEET TO:	6493 FEE	Τ		
	PERF 4892'	-S -4906'		(* 2.4. 0.54.	"PERFORATE				
	4892'								
						FORM C-108			
						SECTION VI			
	PERF 4892'	FS -6493'			APPLICATIO	ON FOR AUTHORIZATION TO INJECT	i		
					Pa	rker & Parsley			
	5-1/2" 665	20,				velopment L.P.			

WATER INJECTION WELL

Parker & Parsley

Deve	lopment L.P.			LUSK DEEP "A"					
OPERA	TOR			LEASE					
		1651' FNL & 330' FEL	<u> </u>	SEC-20	T-19-S	R-32-E			
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE			
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL_	SPUD DATE	E: 11/22/88	3		
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA				
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	1000	sx		
		TOC:	Surface		FEET DETERMINED BY:	Circulate	ed		
13-3/8"	828'	HOLE SIZE:		17-1/2	INCHES				
		2. INTERN	MIDIATE CA	ASING					
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	700	sx		
		TOC:	2370		FEET DETERMINED BY:	Temp. Sur	vey		
	4500	HOLE SIZE:		12-1/4	INCHES				
8-5/8"		3. LONG S	STRING			•			
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	600	sx		
		TOC:	4690		FEET DETERMINED BY:	Temp. Sur	vey		
		HOLE SIZE:		7-7/8	INCHES				
		4. TOTAL	DEPTH:	7220	FEET				
		. 5. PERFO	RATIONS	6468	FEET TO:	6478	FEET		
					ED OR OPEN HOLE; INC	DICATE WHICH)	_'``		
					"PERFORAT	TED"			
						FORM C-108			
						SECTION VI			
	PERFS 6468'-6478 4 SXS CM CIBP 0 70	3'			APPLICAT	TION FOR AUTHORIZA	TION		
	CIBP 0 70				Р	arker & Parsley			
	5-1/2" 7220'					evelopment L.P.			

WATER INJECTION WELL

SHACKELFORD O	IL			PLAINS FE	DERAL		
OPERATOR				LEASE			
4 WELL NO.	1930' FSL 8 FOOTAGE LO			SEC-21 SECTION	T-19-S TOWNSHIP	R-32-E RANGE	
TYPE OF WELL:	PLUGGED	& ABANDON	ED	-	SPUD DATE:	9/12	/63
SCHEMATIC	:	1. SUFAC	E CASING	<u>.</u>	TABULAR DATA		
	25 SXS CMT 35'-SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	725	SX
		TOC:	Surface	i	FEET DETERMINED BY:	Circul	ated
13-3/8"	831'	HOLE SIZE:		17-1/2	INCHES		
	150 SXS CMT @723'-930'	2. INTERM	MIDIATE CA	SING			
		SIZE:	9-5/8	INCHES	CEMENTED WITH:	1000	sx
	2000 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circul	ated
	@2336'-2445'	HOLE SIZE:		11	INCHES		
	_	3. LONG	STRING				
9-5/8"	4290 '	SIZE:	N/A	INCHES	CEMENTED WITH:		N/A sx
		TOC:	N/A	I	FEET DETERMINED BY:		N/A
	i	HOLE SIZE:			INCHES		
		4. TOTAL	DEPTH:	11517	FEET		
		5. PERFO	RATIONS	N/A	FEET TO:	N/A	FEET
LOADED HOLE WITH MUD TO 2445'		LIST A	LL SUCH P	VER BEEN F ERFORATEI	D OR OPEN HOLE; INDICA PERFORATED" PERFORATED IN ANY (D INTERVALS AND GIVENT OR PLUG(S) USED	OTHER ZONE(S))? NONE
			-			FORM C-108 SECTION VI	

11517

APPLICATION FOR AUTHORIZATION TO INJECT

Parker & Parsley Development L.P.

WATER INJECTION WELL

SHACK	ELFORD O	IL			LYNCH		. <u>-</u>	
OPERATO	R				LEASE			
	2	1980' FSL	& 660' FWL		SEC-21	T-19-S	R-32-E	<u> </u>
	WELL NO.	FOOTAGE LO	DCATION		SECTION	TOWNSHIP	RANGE	- · · ·
т	YPE OF WELL: _	PLUGGED	& ABANDON	ED	_	SPUD DATE:	4/1	1/42
	SCHEMATIC					TABULAR DATA		
_			1. SUFAC	E CASING				
•		10 SXS CMT 100'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	50	sx
			TOC:	Surface		FEET DETERMINED BY:	Circu	lated
			HOLE SIZE:		11	INCHES		
			2. INTERN	MIDIATE C	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A	<u></u>	FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
8-5/8"		905'	3. LONG	STRING				
	CIBP	10 SXS CMT CIBP @ 915'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	100	sx
			TOC:	2400		FEET DETERMINED BY:	Temp. S	urvey
	CIBP		HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2820	FEET		
			5. PERFO	RATIONS	2680	FEET TO:	2955	FEET
					-	ED OR OPEN HOLE; INDIC		
						PERFORATED IN AN)?
						ED INTERVALS AND G ENT OR PLUG(S) USE		NONE
			DETAIL	_, I.L. OAO	TO OF OLIM	ENT ON PEOO(O) OOL		NONE
				·	 .	<u> </u>		
							FORM C-108	
		CUT OFF 5-1/2" CSG @ 2110'				APP	SECTION VI	ORIZATION
		6 SXS CMT					TO INJECT Parker & Parsle	у
		GRAVEL FROM					Development L.i	-

WATER INJECTION WELL
TABULATION OF WELL DATA

TD TO 2525'

	≠ 9		2 % % 4-B % 1-A
130 +1	1 17 • 11 • 11	1• •5 •2 •2 •1 6 •2 •2	2 • 1 • 1 5 #3-A 1-B • 5-A #
<u></u> 2	AGUSENCT 1	LUSK STATE 16	2-3 ● ø ′2-A
♦ 1 ♦ 3	1 17 17 LUSK DEEP UNIT AP UNIT AP 15	1 AMOCO AMOCO FEBERAL 1 MOBIL AMOCO FEBERAL	√ :
1 • • • • • • • • • • • • • • • • • • •	22 LUSK DEEP 15 UNIT 'A' LUSK DEE UNIT 'A' LUSK DEE UNIT 'A' LUSK DEE UNIT 'A' 20 UNIT 'A' 21	OFEDERAL 1	22 •!
, ≰6	▼14	• 3	2●
• 1	• 1 8 8 A 1	ø 1 •2	•:
•1 30 •1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	• 2 -3 -3-Y -5 -5	27 * 1 •4
1• 31	•1 •1 •1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	33	34 •1

OPERATOR	! :	SHACKELFORD	OIL CO.		LEASE:	MOBIL FEDERAL					
WELL NO_	1	1650' FNL						·			
s	CHEMATI		OCATION	\$	SECTION	TOWNSHI	P	RANGE			
\$1557 E	21:11:11:11	TT 1888 1888				WELL CONSTRUC	TION DATA				
			1. SUFACI	E CASING							
13-3/8"		461'	SIZE:	13-3/8	INCHES	CEMENTED WITH:		475	sx		
13-3/6			TOC:	Surface		FEET DETERMINED BY	' :	Circulated			
			HOLE SIZE:		17-1/2	INCHES					
			2. INTERN	IIDIATE CAS	SING						
8-5/8"		4257'	SIZE:	8-5/8	INCHES	CEMENTED WITH		860	sx		
0 0,0		CURRENT U.DELAWARE	TOC:	Surface	_ · · · · · · · · · · · · · · · · · · ·	FEET DETERMINED BY	′:	Circulated			
		PERFS 4874'-5040'	HOLE SIZE:	·	12-1/4	INCHES					
		PROPOSED TO CMT SQZ OFF U. DEL.	3. LONG S	STRING							
			SIZE:	5-1/2	INCHES	· CEMENTED WITH:		875	sx		
			TÖC:	4248		FEET DETERMINED BY	⁄:T	emp. Survey			
			HOLE SIZE:		7-7/8	INCHES					
			4. INJECT			6469FEET TO:					
X		PKR @ 6400'		(PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED"							
		PKR @ 6400' PERFS	5. TOTAL	DEPTH:		6700 FEET					
		6469'-6479'	6. TUBING	SIZE							
5-1/2"		6692'	SIZE:	2-7/8	INCHES	LINED WITH:	IPC 505 -	PLASTIC COATING			
			SET IN A:	ARROW SE	ET 1-XS,	PKR PACKER	AT:	6400 FEET:			
											
OTHER DAT						V					
A. IS	S THIS A NE	EW WELL DRILLED FOR IN	IJECTION?		YES	X NO					
IF	NO, FOR	WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILLE	ED?	PRODU	CING OIL A	ND GAS WELL			
				· · · · · · · · · · · · · · · · · · ·				·			
B. N	AME THE I	NJECTION FORMATION:		6400' SANI) (BRUSH	Y CANYON)					
C. N	AME THE F	FIELD OR POOL (IF APPLI	CABLE)		LUSK WE	ST (DELAWARE)					
		ELL EVER BEEN PERFOR									
		SACKS OF CEMENT OR FS 4874'-4892' CIBP (
_		AME(S) AND DEPTH(S) O						0 4074 4002			
		2600'-2800'	WATKINS			5. STRAWN 11000		LUSK STRAWN OIL			
			N.E. LUSK			6. ATOKA 11200'-	11400'	LUSK ATOKA GAS			
2	DEL A14	/ARE 4600'-7100'	W HISK	DELAWARE		7 MORROW 1150)O' 120()O'	LUSK MORROW GA	\c		
	DELAV	ARE 4000-7100	LUSK DEL			7. MORROW 1150	0-12000	N.W. LUSK MORRO	W GAS		
2	RUNE €	SPRING 8200'-8950'	WATKING	BONE SPR	ING			N. LUSK MORROW	GAS		
_3	, DONE S	51 IVII40 0200-0930		NE SPRING		-		FORM C-108			
				BONE SPRIN			ДРРІ	SECTION III LICATION FOR AUTHORIZ	ATION		
			E. LUSK E	BONE SPRIN	NG	-	2 -	TO INJECT Parker & Parsiey	•		
4	. WOLF	CAMP 10100'-10700'		LFCAMP O				Development L.P.			
				WOLFCAMP WOLFCAMP		<u>-</u>		WATER INJECTION WELL	-		

PERATO	R: SHACKELFORD	OIL CO.	LEASE:	AMOCO FEDERAL			
VELL NO	2 990' FNL					···	
	FOOTAGE I SCHEMATIC	OCATION	SECTION	TOWNSH	P	RANGE	
		1. SUFACE CASING	;	WELL CONSTRUC	TION DATA		
	459	SIZE: 13-3/8	8 inches	CEMENTED WITH	:	475	sx
13-3/8"	459	TOC: Surface		FEET DETERMINED BY	/:	Circulated	
		HOLE SIZE:	17-1/2	INCHES			
		2. INTERMIDIATE C	ASING				
8-5/8"	4250	SIZE: 8-5/8	B INCHES	CEMENTED WITH		100 ED 3088' 8-8/5" CSG	sx
		TOC: Surface		FEET DETERMINED BY	/ :	Circulated	
		HOLE SIZE:	12-1/4	INCHES			
		3. LONG STRING					
		SIZE: 5-1/2	2 INCHES	-		2250	sx
		TOC: Surface			···· · · · · · -		
		HOLE SIZE:	7-7/8	INCHES			
	区 PKR @ 6420'	4. INJECTION INTE	(PERFORAT	6489 FEET TO: ED OR OPEN HOLE; II			
	PERFS 6489'-6503'	5. TOTAL DEPTH:		6700 FEET			
		6. TUBING SIZE					
5-1/2	2" 4650'	SIZE: 2-7/8	_INCHES	LINED WITH:	IPC 505 -	PLASTIC COATING	
		SET IN A: ARROW	SET 1-XS,	PKR PACKER	AT:	6420 FEET:	
OTHER DA	NTA					•	
A.	IS THIS A NEW WELL DRILLED FOR IN	JECTION?	_YES	XNO			
	IF NO, FOR WHAT PURPOSE WAS TH	E WELL ORIGINALLY DRII	LLED?	PRODU	CING OIL AN	ID GAS WELL	
В.	NAME THE INJECTION FORMATION:	6400' SA	ND (BRUSE	IY CANYON)			
	NAME THE FIELD OR POOL (IF APPLI		 	ST (DELAWARE)			
D.	HAS THE WELL EVER BEEN PERFOR DETAIL, I.E. SACKS OF CEMENT OR			L SUCH PERFORATED			
	U. DELAWARE PERFS 4856'-4	· · · · · · · · · · · · · · · · · · ·					
Ε.	GIVE THE NAME(S) AND DEPTH(S) O	ANY OVER OR UNDERL	YING OIL OR	GAS ZONES IN THIS ARI	EA:		
	1. YATES 2600'-2800'	WATKINS YATES	_	5. STRAWN 1100	0'-11200'	LUSK STRAWN OIL	
		N.E. LUSK YATES S. LUSK YATES	-	6. ATOKA 11200'-	11400'	LUSK ATOKA GAS	
	2. DELAWARE 4600'-7100'	W. LUSK DELAWARE	<u>RE</u> 	7. MORROW 1150	00'-12000'	N.W. LUSK MORROW N. LUSK MORROW N. LUSK MORROW	N GAS
	3. BONE SPRING 8200'-8950'	WATKINS BONE SE		_			<u>····</u>
		LUSK BONE SPRIN	_			FORM C-108 SECTION III	1011
		E. LUSK BONE SPE		_ _	APPLI	CATION FOR AUTHORIZAT	ION
	4. WOLF CAMP 10100'-10700'	E. LUSK WOLFCAM S. LUSK WOLFCAM	IP OIL	_		Parker & Parsley Development L.P. VATER INJECTION WELL BULATION OF WELL DATA	L
				_			

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley LEASE: LUSK DEEP UNIT "A" OPERATOR: Development L.P. SEC-20 WELL NO 12 1660' FNL & 2300' FEL R-32-E T-19-S FOOTAGE LOCATION TOWNSHIP SECTION RANGE **SCHEMATIC WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES CEMENTED WITH: 500 SIZE: SX 13-3/8" 819 Surface FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 1650 SIZE: SX 8-5/8" 4482 Temp. Survey TOC: FEET DETERMINED BY: HOLE SIZE: 11 INCHES 3. LONG STRING 5-1/2 INCHES - CEMENTED WITH: SIZE: SX 2710 FEET DETERMINED BY: Temp. Survey TOC: HOLE SIZE: 7-7/8 INCHES 4. INJECTION INTERVAL **6446** FEET TO: 6467 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR @ 冈 "PERFORATED" 6370 **5. TOTAL DEPTH:** 6700 FEET **PERFS** 6. TUBING SIZE 5-1/2 2-7/8 INCHES ' IPC 505 - PLASTIC COATING LINED WITH: SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6370 FEET: OTHER DATA IS THIS A NEW WELL DRILLED FOR INJECTION? YES NO PRODUCING OIL AND GAS WELL IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? COMMENT: SPUD WELL 11/2/74. P&A WELLBORE 8/27/86. RE-ENTRY 4/12/89 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: В. LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) D. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED PERFS 8839'-8914' CIBP AT 8800' W/5, SX, CMT/TOP, PERFS 10680'-10708', DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. CIBP AT 10640' W/5, SX, CMT/TOP, PERFS 11460'-11581', CIBP AT 11430', W/5, SX, CMT/TOP, CIBP AT 12212' W/20, SX, CMT/TOP GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. 1. YATES 2600'-2800' WATKINS YATES 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS LUSK MORROW GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

Parker & Parsley

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

OPERATOR:	: <u>D</u>	evelopment L.P	•	LEASE		LUSK DEEP UNIT "A"		
WELL NO_	17	330' FNL 8	330' FEL	SEC-20)	T-19-S		
S	CHEMATIC	FOOTAGE L	OCATION	SECTION	4	TOWNSHIP	RANGE	
EE E		183183				WELL CONSTRUCTION	DATA	
			1. SUFAC	E CASING				
			SIZE:	13-3/8 INCH	HES	CEMENTED WITH:	1000	sx
13-3/8"		882'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:	17-1/2		INCHES		
			2. INTERN	MIDIATE CASING				
			SIZE:	8-5/8 INC	HES	CEMENTED WITH:	1450	sx
8-5/8"		4510'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
						\\		· ·
			HOLE SIZE:	12-1/4		INCHES		
			3. LONG	STRING				
			SIZE:	5-1/2 INCH	HES	CEMENTED WITH:	800	sx
			TOC:	2790		FEET DETERMINED BY:	CALCULATED	
				7-		· · · · · · · · · · · · · · · · · · ·		
							0.40.4	
			4. INJECT			6476 FEET TO:		
	N N	PKR @ 6400'		•	'PE	RFORATED"		
		PERFS	5. TOTAL	DEPTH:		7224 FEET		
	##	6476'-6484'	6. TUBING	S SIZE				
5-1/2"		7220'	SIZE:	2-7/8 INCHES		LINED WITH: IPC	C 505 - PLASTIC COATING	
			SIZE.					
			SET IN A:	ARROW SET 1-XS	S, F	PACKER AT:	6400 FEET:	
OTHER DAT	Γ Δ							
						v		
A. IS	THIS A NEW	/ WELL DRILLED FOR IN	JECTION?	YES		XNO		
IF	NO, FOR WI	AAT PURPOSE WAS TH	E WELL ORIG	SINALLY DRILLED?		PRODUCING	OIL AND GAS WELL	
_							·····	
B. N	AME THE INJ	ECTION FORMATION:		6400' SAND (BRU	JSH	Y CANYON)		
C. N	AME THE FIE	ELD OR POOL (IF APPLIC	CABLE)	LUSK	WE	ST (DELAWARE)		
			•		,		VALCAND ONE DILICCED	
		ACKS OF CEMENT OR			1 AL	L SUCH PERFORATED INTER	ALS AND GIVE PLUGGED	
E . G	IVE THE NAM	ME(S) AND DEPTH(S) OF	ANY OVER	OR UNDERLYING ÓIL (OR G	SAS ZONES IN THIS AREA:		
		.,					DO' LUCK CTDAMALOU	
1	YATES 2	600-2800	N.E. LUS	K YATES		5. STRAWN 11000'-1120		 .
			S. LUSK	YATES		6. ATOKA 11200'-11400	LUSK ATOKA GAS	
2	. DELAWA	RE 4600'-7100'		DELAWARE		7. MORROW 11500'-120		CAS
			LUSK DE				N.W. LUSK MORROW N. LUSK MORROW GA	
3	. BONE SP	PRING 8200'-8950'		BONE SPRING NE SPRING		_	FORM C-108	
			S. LUSK	BONE SPRING		-	SECTION III APPLICATION FOR AUTHORIZATION	ON
			E. LUSK	BONE SPRING		-	TO INJECT Parker & Parsley	-
<u>4</u>	. WOLF CA	AMP 10100'-10700'		DLFCAMP OIL			Development L.P. WATER INJECTION WELL	
				WOLFCAMP OIL		-	TABULATION OF WELL DATA	

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: - LUSK DEEP UNIT "A" **OPERATOR:** ___ 20 WELL NO 660' FEL & 2310' FSL SEC-20 T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP **RANGE** SCHEMATIC

SOFILMATIO		MELL CONCEDUCTION DATA	
		WELL CONSTRUCTION DATA 1. SUFACE CASING	
13-3/8"	872'	SIZE: 13-3/8 INCHES CEMENTED WITH: 900	sx
13-3/8"	372	TOC: Surface FEET DETERMINED BY: Circulated	
		HOLE SIZE: 17-1/2 INCHES	
		2. INTERMIDIATE CASING	
8-5/8"	4485'	SIZE: 8-5/8 INCHES CEMENTED WITH. 2350	sx
		TOC: Surface FEET DETERMINED BY: Circulated	
		HOLE SIZE: 12-1/4 INCHES	
		3. LONG STRING	
		SIZE: 5-1/2 INCHES CEMENTED WITH: 800	sx
		TOC: 3030 FEET DETERMINED BY: Temp. Survey	
		HOLE SIZE: 7-7/8 INCHES	
		4. INJECTION INTERVAL 6469 FEET TO: 6487 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH)	
	☑ PKR @ 6400'	"PERFORATED"	
	PERFS 6469'-6487'	5. TOTAL DEPTH: 7230 FEET	
	CIBP 6800'	6. TUBING SIZE	
5-1/2"	7230'	SIZE: 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING	
		SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6400 FEET:	

OTHER DATA

IS THIS A NEW WELL DRILLED FOR	INJECTION? YES	NO	
IF NO, FOR WHAT PURPOSE WAS 1	THE WELL ORIGINALLY DRILLED?	PRODUCING OIL A	ND GAS WELL
NAME THE INJECTION FORMATION	6400' SAND (BRI	JSHY CANYON)	
NAME THE FIELD OR POOL (IF APP	LICABLE) LUSK	WEST (DELAWARE)	
HAS THE WELL EVER BEEN PERFO DETAIL, I.E. SACKS OF CEMENT O		ST ALL SUCH PERFORATED INTERVALS A S 7050'-7154, SET CIBP, WITH 4	
GIVE THE NAME(S) AND DEPTH(S)	OF ANY OVER OR UNDERLYING OIL	OR GAS ZONES IN THIS AREA:	
1. YATES 2600'-2800'	WATKINS YATES	5. STRAWN 11000'-11200'	LUSK STRAWN OIL
	N.E. LUSK YATES S. LUSK YATES	6. ATOKA 11200'-11400'	LUSK ATOKA GAS
2. DELAWARE 4600'-7100'	W. LUSK DELAWARE	7. MORROW 11500'-12000'	LUSK MORROW GAS
	LUSK DELAWARE		N.W. LUSK MORROW (

3. BONE SPRING 8200'-8950' WATKINS BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

FORM C-108 SECTION III APPLICATION FOR AUTHORIZATION TO INJECT Parker & Parsley Development L.P. WATER INJECTION WELL

N. LUSK MORROW GAS

OPERATO	R: SHACKELFORD	OIL CO.		LEASE:	MOBIL F	EDERAL		
WELL NO_	4 1650' FW	L & 2310' FSI		SEC-21	<u></u>	T-19-S	R-32-E	
•	FOOTAGE SCHEMATIC	LOCATION		SECTION		TOWNSHIP	RANGE	
					WELL C	ONSTRUCTION DA	ATA	
		1. SUFACE	CASING					
		SIZE:	13-3/8	INCHES	СЕМЕ	ENTED WITH:	475	5 sx
		TOC:	Surface		FEET DET	ERMINED BY:	Circulate	d
		HOLE SIZE:		17-1/2		INCHES		
								
		2. INTERMI						
13-3/8"	477	SIZE:	N/A	INCHES	. CEME	ENTED WITH:	N/A	A sx
		TOC:	N/A	 	FEET DET	ERMINED BY:	N/A	\
		HOLE SIZE:		N/A		INCHES		
	477	3. LONG ST	TRING					
		SIZE:	5-1/2	INCHES	СЕМЕ	ENTED WITH:	2620) sx
		-			•		•	
		TOC:			NOTE:1" P	ERMINED BY: LUG TO 1336' CMT'D V		
		HOLE SIZE: _		7-7/8		INCHES		
		4. INJECTIO				FEET TO:		_FEET
	☑ ☑ PKR @ 6400'				RFORA		wnich)	
	6400' PERFS	5. TOTAL D	EPTH:		7230	FEET		
	6468'-6476'	6. TUBING	•					
F 410								
5-1/2	7130	SIZE:	2-7/8	INCHES	LINED WIT	гн: <u>IPC 5</u>	05 - PLASTIC	COATING
		SET IN A:	ARROW S	ET 1-XS,	PKR	PACKER AT:	6400	_FEET:
07UFB D 4	TA							
OTHER DA	NIA.							
A.	IS THIS A NEW WELL DRILLED FOR II	NJECTION?		YES	X	NO		
I	IF NO, FOR WHAT PURPOSE WAS TH	IE WELL ORIGIN	IALLY DRILL	ED?		PRODUCING OF	L AND GAS W	ELL
-					.			
В.	NAME THE INJECTION FORMATION:		6400' SAN	D (BRUSH	Y CANYO	DN)		
C.	NAME THE FIELD OR POOL (IF APPLI	CABLE)		LUSK WE	ST (DELA	(WARE)		
D.	HAS THE WELL EVER BEEN PERFOR	ATED IN ANY O	THER ZONE	(S)? LIST AI	L SUCH PE	RFORATED INTERVAL	S AND GIVE PLU	GGED
	DETAIL, I.E. SACKS OF CEMENT OR			NO				
-						·		
Ε.	GIVE THE NAME(S) AND DEPTH(S) O	F ANY OVER OF	R UNDERLYI	NG OIL OR (SAS ZONES	IN THIS AREA:		
	1. YATES 2600'-2800'	WATKINS Y	/ATES		5. STRA	WN 11000'-11200'	LUSK ST	RAWN OIL
-		N.E. LUSK S. LUSK YA		•	6 ATOK	A 11200'-11400'	LUSK AT	OKA GAS
	2. DELAWARE 4600'-7100'	W. LUSK D		-				
-	2. DELAVVARE 4000-7100	LUSK DELA		<u>.</u>	7. WOR	ROW 11500'-1200	N.W. LU	ORROW GAS SK MORROW GAS
	3. BONE SPRING 8200'-8950'	WATKINS E	BONE SPF	RING			N. LUSK	MORROW GAS
•		LUSK BON			-			1 C-108
		S. LUSK BO			_		APPLICATION FO	TON III R AUTHORIZATION
		E. LUSK BO	JINE SPKI	ING	-		TO II	NJECT & Parsley
	4. WOLF CAMP 10100'-10700'						Develop	ment L.P.
		E. LUSK W S. LUSK W			_		WATER INJ	ECTION WELL
		J. LUON VV	OLI OAMI	VIL				

SHA	CKELFORD OIL		ħ	MOBIL FEDERAL							
OPERA	TOR		L	EASE							
	3	2310' FSL & 330' FWL	(SEC-21	T-19-S	R-32-E					
	WELL NO.	FOOTAGE LOCATION		ECTION	TOWNSHIP	RANGE					
	TYPE OF WELL:	PRODUCING OIL AND O	GAS WELI	_	SPUD DATE:	10/25/89					
	SCHEMATIC TO THE STATE OF THE S	1. SUFACE C	CASING		TABULAR DATA						
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	sx				
13-3/8"	455	TOC: S	urface		FEET DETERMINED BY:	Circulated					
13-3/6	455	HOLE SIZE:	1	7-1/2	INCHES						
		2. INTERMID	IATE CAS	ING							
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	1090	sx				
		TOC:	150		FEET DETERMINED BY:	Temp. Survey					
	4256	HOLE SIZE:		11	INCHES						
8-5/8"	4256'	3. LONG STR	RING								
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	1000	sx				
	4256'	TOC:	3240		FEET DETERMINED BY:	Calculated					
		HOLE SIZE:		7-7/8	INCHES						
		4. TOTAL DE	PTH: _	7240	FEET						
		5. PERFORA	TIONS	6478	FEET TO:	6485 FEET					
			(ED OR OPEN HOLE; INDIC	ATE WHICH)					
	TBG @ 711 PERFS 6478'-648				"PERFORATE	:D.					
	TBG @ 71	11'				FORM C-108 SECTION VI					
	PERFS 6478'-648	5'			APPLICATIO	ON FOR AUTHORIZATION TO INJECT					
5-1	TBG @ 71' PERFS 6478'-648 7240'					rker & Parsley /elopment L.P.					

TABULATION OF WELL DATA

WATER INJECTION WELL

SHACKELFORD OIL			PLAINS U	NIT		
OPERATOR			LEASE			
	1980' FSL & 660' FW	<u>L</u>				
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	SPUD DATE:	7/10/96	
SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA		
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	750	sx
	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8" 825	HOLE SIZE:		17-1/2	INCHES		
	2. INTERN	MIDIATE CA	SING			
	SIZE:	10-3/4	INCHES	CEMENTED WITH:	700	sx
	TOC:	Surface		FEET DETERMINED BY:	Circulated	
10.3/4"	HOLE SIZE:		12-1/4	INCHES		
10-3/4" 2651'	3. INTERN	MIDIATE CA	SING			
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	275	sx
	TOC:	3335		FEET DETERMINED BY:	Calculated	
	HOLE SIZE:		11	INCHES		
8-5/8" 4490'	4. LONG	STRING				
8-5/8" 4490'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	200	sx
pred 200	TOC:	10714		FEET DETERMINED BY:	Calculated	
	HOLE SIZE:		7-7/8	INCHES		
	5. TOTAL	DEPTH:	11690	FEET		
	6. PERFO	RATIONS	44540		44500	_
			11516 (PERFORATI	FEET TO: ED OR OPEN HOLE; INDIC "PERFORATE	•	:1
PERFS 11516'-11					FORM C-108 SECTION VI	
				APPLICAT	ION FOR AUTHORIZATIO	N
PERFS 11516'-11	530'				TO INJECT	
11690'					arker & Parsley evelopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

		ERATING COR	P		LUSK "16"	STATE		
OPERAT								
					SEC-16	T-19-S		
	WELL NO.	FOOTAGE	LOCATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL: _	PRODUC	ING OIL AN	ID GAS WE	LL	SPUD DATE	3/9/62	
	SCHEMATIC 3331 BOOK BOOK BOOK BOOK BOOK BOOK BOOK BOO	33 500 500	1. SUFAC	E CASING		TABULAR DATA		
			SIZE:	13-3/8	INCHES	CEMENTED WITH:	125	SX
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		208'	HOLE SIZE:		17-1/2	INCHES		
			2. INTER	MIDIATE CA	ASING			
			SIZE:	9-5/8	INCHES	CEMENTED WITH:	500	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		11	INCHES		
9-5/8"		450'	3. LONG	STRING				
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	3475	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	6600	FEET		
			5. PERFO	RATIONS	6503	FEET TO:	6509 FE	.ET
						ED OR OPEN HOLE; IND	CATE WHICH)	
						"PERFORAT	ED"	
		TBG @ 6230'					FORM C-108 SECTION VI	
		PERFS 6503'-6509'				APPLICATI	ON FOR AUTHORIZATIO TO INJECT	N
5	-1/2"	PERFS 6503'-6509'					arker & Parsley evelopment L.P.	

WATER INJECTION WELL

SHA	CKELFORD OIL			AMOCO F	EDERAL				
OPERA	TOR			LEASE					
	1 WELL NO.	660' FNL & 330' FWL		SEC-21		T-19-S			
						10WN5HIP	RANG)E	
	TYPE OF WELL:	PRODUCING OIL AND	GAS WE	<u>LL</u>	-	SPUD DATE:	9/	23/88	
	SCHEMATIC	1. SUFACE	CASING		TABULAR	DATA			
		SIZE:	13-3/8	INCHES	CEMENTED	WITH:	4	75	sx
		TOC:	Surface		FEET DETER	RMINED BY:	Circ	ulated	
13-3/8"	450'	HOLE SIZE:		17-1/2		INCHES			
		2. INTERM	IDIATE CA	SING					
		SIZE:	8	INCHES	CEMENTED	WITH:	2	150	sx
	3" 4250'	TOC:	Surface		FEET DETER	RMINED BY:	Circ	ulated	
	A	HOLE SIZE:	· .	11		INCHES			
	B" 4250'	3. LONG S	TRING						
	A.W.C.W.C.W.C.W.C.W.C.W.C.W.C.W.C.W.C.W.	SIZE:	5-1/2	INCHES	CEMENTED	WITH:	5	25	sx
		TOC:	4550		FEET DETER	RMINED BY:	Temp.	Survey	
		HOLE SIZE:		7-7/8		INCHES			
		4. TOTAL I	DEPTH:	6650)	FEET			
		5. PERFOR	RATIONS	6490		555 7.	6493		
	DCDEC.					FEET TO:	CATE WHICH)	FEET	
	PERFS 4892'-4906	,		(. Z.u 0.01.		ERFORATI			
	PERFS 4892'-4906								
							FORM C-108 SECTION VI		
	PERFS 4892'-4906 PERFS 6490'-6493	'			A	APPLICATIO	ON FOR AUTHO TO INJECT	RIZATION	
	5-1/2" 6650'						rker & Parsle velopment L.I	-	
•	0-1/2								

TABULATION OF WELL DATA

WATER INJECTION WELL

SHACKELFORD OIL		MOBIL FE	DERAL		
OPERATOR		LEASE			
2 WELL NO.	1650' FNL & 1650' FWL	SEC-21	T-19-S TOWNSHIP	R-32-E RANGE	
TYPE OF WELL:	PRODUCING OIL AND GAS W			8/30/88	·
SCHEMATIC	4 005405 04000	_	TABULAR DATA		
	1. SUFACE CASING SIZE: 13-3/8		S CEMENTED WITH:	475	sx
454	TOC Surface		FEET DETERMINED BY:	Circulated	
	HOLE SIZE:	17-1/2	INCHES		
	2. INTERMIDIATE O	CASING			
	SIZE: N/A	INCHES	CEMENTED WITH:	N/A	sx
	TOC: N/A		FEET DETERMINED BY:	N/A	
13-3/8" 454'	HOLE SIZE:	N/A	INCHES		
, 1	3. LONG STRING SIZE: 5-1/2	INCHES	S CEMENTED WITH:	165	sx
	тос: 5997		FEET DETERMINED BY:	Calculation	1
	HOLE SIZE:	11 & 7-7/8	INCHES		
	4. TOTAL DEPTH:	6690	FEET		
	5. PERFORATIONS	6490			FEET
		(PERFORAT	TED OR OPEN HOLE; INDIC "PERFORATE		
PERFS 6490-6				FORM C-108 SECTION VI	
PERFS 6490-6	8		APPLICATION	ON FOR AUTHORIZAT	ION
6490-6			Pa	rker & Parsley	
5-1/2" 6690'				velopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

Parker & Parslev

	_	•	•	٠.	_	•	_	•	٠	_	•••	_	۰	_	J	
)	e	١	/(e	ŀ	0	p	n	n	e	n	t	l		P	

LUCK DEED HIMT "A"

Development L.P.		LUSK DEI	EP UNIT "A"		
OPERATOR		LEASE			
19	330' FNL & 1656' FEL	SEC-20	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND G	SAS WELL	SPUD DATE:	1/26/90	
SCHEMATIC			TABULAR DATA		
	1. SUFACE C	ASING			
	SIZE:	13-3/8 INCHES	CEMENTED WITH:	1000	sx
13-3/8"		urface	FEET DETERMINED BY:	Circulated	
		17-1/2	INCHES		
	2. INTERMIDI	ATE CASING			
	SIZE:	8-5/8 INCHES	CEMENTED WITH:	3230	sx
	тос:	urface	FEET DETERMINED BY:	Circulated	
	HOLE SIZE:	12-1/4	INCHES		
8-5/8" 4500	3. LONG STR	ING			
	SIZE:	5-1/2 INCHES	CEMENTED WITH:	900	sx
	TOC:	1630	FEET DETERMINED BY:	Temp. Survey	
	HOLE SIZE:	7-7/8	INCHES		
	4. TOTAL DE	PTH: 7220) FEET		
	5. PERFORA				
		6468	FEET TO:	6481 FEET	
		(, 2, 1, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	"PERFORATE		
				FORM C-108	
TBG @ 64	87'			SECTION VI	
TBG @ 64 PERFS 6468'-648' 7220'	ľ		APPLICATIO	ON FOR AUTHORIZATION TO INJECT	
			Pai	rker & Parsley	
5-1/2" 7220'				elopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

ent L.P. LUSK DEEP "A"

OPERA	TOR			LEASE				
		1651' FNL & 330' FEL		SEC-20	T-19-S	`		
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANG	iΕ	
	TYPE OF WELL:	PRODUCING OIL AN	ID GAS WE	LL	SPUD DATE:	11/	22/88	
	SCHEMATIC				TABULAR DATA			
		1. SUFAC	E CASING					
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	10	000	sx
			Surface		FEET DETERMINED BY:	Circ	ulated	
13-3/8"	828			17-1/2	INCHES			
		2. INTERN	MIDIATE CA	ASING				
	4500	SIZE:	8-5/8	INCHES	CEMENTED WITH:	7	00	sx
		TOC:	2370		FEET DETERMINED BY:	Temp.	Survey	
		HOLE SIZE:		12-1/4	. INCHES			
8-5/8'	7	3. LONG S	STRING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	6	00	sx
		TOC:	4690		FEET DETERMINED BY:	Temp.	Survey	
		HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL	DEPTH:	7220	FEET			
		5. PERFO	RATIONS	0.400		0.470		
				6468	FEET TO: ED OR OPEN HOLE; INDI	6478	FEET	
				(1 210 01011	"PERFORATI			
						FORM C-108		
						SECTION VI		
	PERFS 6468'-647 4 SXS CIBP @ 7	78'			APPLICATIO	ON FOR AUTHO TO INJECT	RIZATION	
	4 SXS CI				_			
	5341 1866	ruau				irker & Parsle velopment L.I	-	
	5-1/2" 7220'				De	TOOPINGIIL L.	4 =	

WATER INJECTION WELL

MARE	BOB ENERGY	CORP.		AQUEDUCT AGG FEDERAL					
OPERA1	ror			LEASE					
	1 330' FSL &		CATION		SEC-17	T-19-S	R-32-E		
	WELL NO.	SECTION			TOWNSHIP	RANGE			
	TYPE OF WELL: PLUGGED				-	SPUD DATE: _	6/11/89		
	SCHEMATIC		1. SUFAC	E CASING		ABULAR DATA			
		15 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	800	sx	
			TOC:	Surface	F	EET DETERMINED BY:	Circul	ated	
13-3/8"		802'	HOLE SIZE:		17-1/2	INCHES			
		40 SXS CMT TOC @ 2812'	2. INTERMIDIATE CASING						
			SIZE:	8-5/8	INCHES	CEMENTED WITH:	2950	SX	
		CUT 5-1/2" CSG @ 2890'	TOC:	Surface	F	EET DETERMINED BY:	Circul	ated	
			HOLE SIZE:		12-1/4	INCHES			
			3. LONG S	STRING					
8-5/8		4500'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	975	sx	
			TOC:	Surface	F	EET DETERMINED BY:	Circul	ated	
	CIBP	35 SXS CMT TOC @ 4930'	HOLE SIZE:		7-7/8	INCHES			
	CIBP	CIBP @ 4975'	4. TOTAL	DEPTH:	7300	FEET			
				IE WELL E	F VER BEEN P	FEET TO: O OR OPEN HOLE; INDIC. PERFORATED" PERFORATED IN ANY	OTHER ZONE(S	FEET	
) INTERVALS AND GI NT OR PLUG(S) USEI		NONE	
							FORM C-108 SECTION VI		
						APPLICATION FOR AUTHORIZATION TO INJECT			
							Parker & Parsley Development L.F		

WATER INJECTION WELL
TABULATION OF WELL DATA

SHACK		RD C	DIL			LYNCH	· · · · · · · · · · · · · · · · · · ·		
OPERATO	R					LEASE			
	2 1980' FSL			660' FWL		SEC-21	T-19-S	R-32-E	<u>:</u>
	WELL NO. FOOTAGE I		FOOTAGE LO	OCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL: PL		PLUGGED 8	GED & ABANDONED		_	SPUD DATE: _	4/11	/42	
	SCHE	E M ATIC	2				TABULAR DATA		
				1. SUFAC	E CASING		.71.50 E 11.71		
5			10 SXS CMT 100'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	50	sx
				TOC:	Surface		FEET DETERMINED BY:	Circul	ated
		1:		HOLE SIZE:		11	INCHES		
		i		2. INTERN	MIDIATE CA	ASING			
				SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
				TOC:	N/A		FEET DETERMINED BY:	N/A	
		<u>.</u>		HOLE SIZE:		N/A	INCHES		
8-5/8"			905'	3. LONG	STRING				
		CIBP	10 SXS CMT CIBP @ 915'	SIZE:	5-1/2	INCHES	CEMENTED WITH: _	100	sx
		'		TOC:	2400	-	FEET DETERMINED BY:	Temp. S	urvey
				HOLE SIZE:	- 	7-7/8	INCHES		
				4. TOTAL	DEPTH:	2820	FEET		
				5. PERFO	RATIONS	2680	FEET TO:	2955	FEET
				6. HAS TH	IE WELL E	(PERFORATI	ED OR OPEN HOLE; INDICA PERFORATED" PERFORATED IN ANY	ATE WHICH)	
				LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NONE					•
								FORM C-108 SECTION VI	
			CUT OFF 5-1/2" CSG @ 2110'				APPL	CATION FOR AUTHO	ORIZATION
			6 SXS CMT GRAVEL FROM					Parker & Parsley Development L.F	

WATER INJECTION WELL
TABULATION OF WELL DATA

TD TO 2525'

SHACKELFORD OIL				PLAINS FED	ERAL		
OPERATOR				LEASE			
4	1930' FSL 8	k 660' FWL		SEC-21	T-19-S	R-32-E	
WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PLUGGED	& ABANDON	ED	-	SPUD DATE:	9/12/	33
SCHEMATIC				<u>T/</u>	ABULAR DATA		
		1. SUFAC	E CASING				
	25 SXS CMT 35'-SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	725	sx
		TOC:	Surface	FE	ET DETERMINED BY:	Circula	ted
13-3/8"	831'	HOLE SIZE:		17-1/2	INCHES		
	150 SXS CMT @723'-930'	2. INTER	MIDIATE CA	ASING			
		SIZE:	9-5/8	INCHES	CEMENTED WITH:	1000	sx
	2000 SXS CMT	TOC:	Surface	FE	ET DETERMINED BY:	Circula	ted
	@2336'-2445'	HOLE SIZE:		11	INCHES		
		3. LONG	STRING				
9-5/8"	4290'	SIZE:	N/A	INCHES	CEMENTED WITH:	N	/A sx
		TOC:	N/A	FEFE	ET DETERMINED BY:	N	/A
		HOLE SIZE:		· · · · · · · · · · · · · · · · · · ·	INCHES		
		4. TOTAL	DEPTH:	11517	FEET		
		5. PERFO	RATIONS	N/A	5557.70	N/A	
				(PERFORATED	FEET TO: OR OPEN HOLE; INDICA' ERFORATED"		FEET
					RFORATED IN ANY (INTERVALS AND GIV	• •	?
	LOADED HOLE MTH MUD TO 2445'				T OR PLUG(S) USED		NONE
							
			,				
						FORM C-108 SECTION VI	
					APPI IC	CATION FOR AUTHO	RIZATION

___ 11517

TO INJECT

Parker & Parsley
Development L.P.

WATER INJECTION WELL

TABULATION OF WELL DATA

	∮ 9	→ 1	2 % % 4-B % 1-A
•:	17 ••11	1. 45 .2	3-B 15 3-A 1-B 5-A 4
≠ 2	1 ₉ c	•1	2-B● # 2-A
ф1 ф3	19	AMODO FEDERAL 1 MOBIL FEDERAL 2 FEDERAL 2	ø !
1 • 1 • 2 • 1 • 1 • 2 • 5 19	LUSK DEEP UNIT TAP 4 20 V LUSK DEEP	TEDERAL A MISIL FEDERAL MISIL FEDERAL FEDERAL JEBERAL A LINCH MESSAL A PLAINS FEDERAL TEDERAL TEDERAL PLAINS PLAINS PLAINS PLAINS PLAINS PLAINS PLAINS	•: 22
1 1 1 1 1 1 1 1 1 1	LUSK JEEP 21	4 FEDERAL X 1 LYNCH 3 LYNCH	2 ●
•1	√ 2 8 △ 11	№ 1 •2	•1
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	• 2 3 3-Y 5	27 *1 •4
1 • • !	•4 1,96 1,96 •1	2;	
31 1#	32 •1 ×3 •5	x 9 •¹ 33	34

OPERATO	OR:	SHACKELFORD	OIL CO.		LEASE:	MOBIL F	EDERAL				
WELL NO	4	1650' FWI									
	SCHEMATIC		OCATION	:	SECTION		TOWNSHIP		RANGE		
						WELL C	ONSTRUCTION	I DATA			
			1. SUFACI	CASING							
			SIZE:	13-3/8	INCHES	СЕМЕ	ENTED WITH:		475	·	sx
		A77;	TOC:	Surface		FEET DET	ERMINED BY:		Circulated	ļ	
						-					
			HOLE SIZE:		11-112	 	INCHES				
			2. INTERM	IDIATE CA	SING						
13-3/8"		477	SIZE:	N/A	INCHES	СЕМЕ	ENTED WITH:		N/A		sx
13-3/0	K K K K K K K K K K K K K K K K K K K	417	TOC:	N/A		FEET DET	ERMINED BY:		N/A		
			HOLE SIZE:			-				<u></u>	
			•		N/A		INCHES				
			3. LONG S	TRING							
			SIZE:	5-1/2	INCHES	СЕМ	ENTED WITH:	~	2620		sx
			TOC:	Surface		FEET DET	ERMINED BY:		Circulated	1	
			HOLE SIZE:				PLUG TO 1336' CMT INCHES	"D W/720	SXS TO CIRC	ULATE.	
									0.170		
			4. INJECT				FEET TO:			FEET	
		PKR @ 6400'			"Pl	ERFORA	TED"				
		PERFS	5. TOTAL	DEPTH:		7230	FEET				
	CIBP	6468'-6476'	6. TUBING	: SIZE							
	<u></u>	CIBP @ 6550'	o. robine								
5-1/	/2"	7193'	SIZE:	2-7/8	INCHES	LINED WIT	TH: <u>IP</u>	C 505 -	PLASTIC C	OATING	
			SET IN A:	ARROW S	ET 1-XS,	PKR	PACKER AT:		6400	FEET:	
OTHER D	ATA										
A .	IS THIS A NE	WWELL DRILLED FOR IN	JECTION?		YES	X	NO NO				
	IF NO, FOR V	WHAT PURPOSE WAS TH	E WELL ORIGI	NALLY DRILL	ED?		PRODUCING	AN AIO	ND GAS WE	LL	
_		LIFOTION FORMATION		CADO! CANI	D (DDLICI	V CANIV	ON)			-	
В.	NAME THE IT	NJECTION FORMATION:		6400' SAN	U (BRUSE	CANT	JN)				
C.	NAME THE F	IELD OR POOL (IF APPLIC	CABLE)		LUSK WE	ST (DELA	AWARE)				
D.		LL EVER BEEN PERFOR				L SUCH PE	ERFORATED INTER	₹VALS AN	ID GIVE PLUG	GED	
	DETAIL, I.E.	SACKS OF CEMENT OR	PLUG(S) USEL). 	NO						
											
E.	GIVE THE NA	ME(S) AND DEPTH(S) OF	ANY OVER C	R UNDERLYII	NG OIL OR	SAS ZONES	S IN THIS AREA:			······································	
	1. YATES	2600'-2800'	WATKINS	YATES		5. STRA	WN 11000'-112	200'	LUSK STE	RAWN OIL	
		-	N.E. LUSK S. LUSK Y			6. ATOK	(A 11200'-1140	0'	LUSK ATO	OKA GAS	
	2 DELAM	ADE 4600' 7100'			<u>.</u>						
	Z. DELAW	ARE 4600'-7100'	LUSK DEL	AWARE	-	7. MORI	ROW 11500'-12	2000		RROW GAS K MORROW	GAS
	3. BONE S	PRING 8200'-8950'	WATKINS	BONE SPF	RING				N. LUSK	MORROW GA	45
			LUSK BO	NE SPRING	<u> </u>	-			FORM		
				ONE SPRI				APPL		AUTHORIZATI	ON
			L. LOOK E	JUL OF KI	10	-			TO IN. Parker &		
	4. WOLF	CAMP 10100'-10700'							Developn	nent L.P.	
				VOLFCAME VOLFCAME		_			WATER INJE	CHON WELL	
			J. LUGK V	TOLI OMIVIE	<u> </u>	_					

PERATOR:	SHACKELFORD	OIL CO.	LE.	ASE:	MOBIL F	EDERAL		
VELL NO	1 1650' FNL	& 330' FWI	L SE	C-21		T-19-S	R-32-E	
SCHE		OCATION	SEC	CTION		TOWNSHIP	RANGE	
		1. SUFACI	E CASING		WELL CO	ONSTRUCTION D	ATA	
13-3/8"	461'	SIZE:	13-3/8	INCHES	СЕМЕ	NTED WITH:	475	sx
13-3/8"	401	TOC:	Surface		FEET DET	ERMINED BY:	Circulated	<u> </u>
		HOLE SIZE:	17-	-1/2		_INCHES		
		2. INTERM	IIDIATE CASIN	1G				
8-5/8"	4257'	SIZE:	8-5/8	INCHES	СЕМЕ	NTED WITH:	860	sx
	CURRENT U.DELAWARE	TOC:	Surface		FEET DETI	ERMINED BY:	Circulated	<u> </u>
	PERFS 4874'-5040'	HOLE SIZE:	12	-1/4		INCHES		
8-5/8"	PROPOSED TO CMT SQZ OFF U. DEL.	3. LONG S	STRING					
	SQZ OFF U. DEL. ☑ PKR @	SIZE:	5-1/2	INCHES	· CEME	NTED WITH:	875	sx
		TOC:	4248		FEET DET	ERMINED BY:	Temp. Surv	еу
		HOLE SIZE:		7-7/8	<u>-</u>	INCHES		
		4. INJECT				FEET TO:		FEET
X			(PE		RFORA	N HOLE; INDICATE TED"	Which)	
	6400° PERFS 6469'-6479'	5. TOTAL	DEPTH:		6700	FEET		
	6469'-6479'	6. TUBING	SIZE					
5-1/2"	6692'	SIZE:	2-7/8 INC	HES	LINED WIT	H: IPC	505 - PLASTIC C	OATING
		SET IN A:	ARROW SET	1-XS, I	PKR	PACKER AT:	6400	FEET:
OTHER DATA								
A. IS THIS	A NEW WELL DRILLED FOR IN	IJECTION?	YES	3	X	NO		
IF NO,	FOR WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILLED?	?		PRODUCING O	IL AND GAS WE	:LL
	THE INJECTION FORMATION:		6400' SAND (BDIISH	V CANVO)N)		
	THE FIELD OR POOL (IF APPLI				ST (DELA			
	HE WELL EVER BEEN PERFOR	·					I S AND GIVE PILIG	:GED
	L, I.E. SACKS OF CEMENT OR							
5/92 F	PERFS 4874'-4892' CIBP (D 4940', Cl	JRRENTLY PR	RODUCI	NG FROM	M U. DELAWARE I	PERFS 4874'-48	92'
E. GIVE T	HE NAME(S) AND DEPTH(S) O	ANY OVER O	OR UNDERLYING	OIL OR G	AS ZONES	IN THIS AREA:		
1. YA	TES 2600'-2800'	WATKINS			5. STRA	WN 11000'-11200)' LUSK STI	RAWN OIL
		N.E. LUSK Y			6. ATOK	A 11200'-11400'	LUSK ATO	OKA GAS
2. DE	LAWARE 4600'-7100'	W. LUSK	DELAWARE LAWARE		7. MORE	ROW 11500'-1200		RROW GAS
3. BO	NE SPRING 8200'-8950'			G				MORROW GAS
3.20		LUSK BO	NE SPRING		-		FORM	
			BONE SPRING		-		APPLICATION FOR	ON III RAUTHORIZATION
,	NEONIA 40100 10000				-		Parker 8	IJECT L Parsley
<u>4. WC</u>	OLF CAMP 10100'-10700'		NOLFCAMP OIL	IL.			•	ment L.P. CTION WELL
			WOLFCAMP O		-			

OPERATOR	\:	SHA	ACKELFORD	OIL CO.		LEASE:	AMOCO	FEDERAL	· · · · ·		
WELL NO_		2	990' FNL 8	k 1650' FW	-	SEC-21		T-19-S		R-32-E	
S	CHEMA	TIC	FOOTAGE L	OCATION		SECTION		TOWNSHIP		RANGE	
							WELL C	ONSTRUCTI	ON DATA		
				1. SUFAC	E CASING						
13-3/8"			459'	SIZE:	13-3/8	INCHES	СЕМЕ	NTED WITH:		475	sx
				TOC:	Surface		FEET DETI	ERMINED BY:		Circulated	
				HOLE SIZE:		17-1/2		_INCHES			
				2. INTERN	IIDIATE CA	SING					
8-5/8"			4250 °	SIZE:	8-5/8	INCHES				100	sx
6-5/6 -			4230	TOC:	Surface					LED 3088' 8-8/5" CSG Circulated	
				HOLE SIZE:		12-1/4	_	INCHES			
				3. LONG S	TRING			_			
						INCHES	CEME	ENTED WITH:		2250	sx
							-	NOTE: PUMP	PED 1575 SX	S CMT FROM TOPSIDE	
							_	ERMINED BY:		Circulated	
	×	F-1023	KR @ 420'	4. INJECT		(PERFORAT		N HOLE ; INDI		6503 FEET	
		1826	ERFS	5. TOTAL	DEPTH:		6700	FEET			
		64	189'-6503'	6. TUBING	SIZE						
5-1/2"		66	650'	SIZE:	2-7/8	INCHES	LINED WIT	TH:	IPC 505 -	PLASTIC COATING	
				SET IN A:	ARROW S	ET 1-XS,	PKR	PACKER AT		6420 FEET:	
OTHER DAT				IFOTIONO		V50	X	NO			
A. IS	S THIS A	NEVV VVI	ELL DRILLED FOR IN	JECTION?		YES		^{NO}			
IF	NO, FO	R WHAT	PURPOSE WAS THI	E WELL ORIG	INALLY DRILL	ED?		PRODUCI	NG OIL AI	ND GAS WELL	
_		-									· · · · · · · · · · · · · · · · · · ·
B. N	AME THE	E INJEC	TION FORMATION:		6400' SAN	D (BRUSH	Y CANYC	DN)		····	
C. N	AME THE	E FIELD	OR POOL (IF APPLIC	CABLE)		LUSK WE	ST (DELA	WARE)			
			VER BEEN PERFORA							ND GIVE PLUGGED LY PRODUCING FROM	
	U. DEL	AWAR	E PERFS 4856'-4	867' PLAN	TO SQZ OI	FF U. DEL	AWARE C	ONVERT TO) WIW IN	6469'-6503' PERFS	
E. G	SIVE THE	NAME(S	S) AND DEPTH(S) OF	ANY OVER C	R UNDERLYI	NG OIL OR (SAS ZONES	IN THIS AREA:			
1	YATE	S 260	0'-2800'	WATKINS	YATES		5. STRA	WN 11000'-	11200'	LUSK STRAWN OI	L
_				N.E. LUSK S. LUSK Y		•	6. ATOK	A 11200'-11	400'	LUSK ATOKA GAS	
2	DELA	\MARE	4600'-7100'		DELAWARE	=		ROW 11500'		LUSK MORROW G	······································
<u>-</u>	DEDA	VVIII	4000-1100	LUSK DEL		.	7.100111	11300	-12000	N.W. LUSK MORRO	OW GAS
3	B. BONF	SPRII	NG 8200'-8950'	WATKINS	BONE SPE	RING				N. LUSK MORROV	√ GAS
<u> </u>	5116			LUSK BOI	NE SPRING		-			FORM C-108	
					ONE SPRI		_		APPL	SECTION III ICATION FOR AUTHORIZ	ATION
				E. LUSK E	SONE SPRI	NG	-			TO INJECT Parker & Parsley	
.4	. WOLF	CAMI	P 10100'-10700'			_				Development L.P.	
					VOLFCAME VOLFCAME		_			WATER INJECTION WELL ABULATION OF WELL DA	

Parker & Parsley OPERATOR: Development L.P. LEASE: LUSK DEEP UNIT "A" WELL NO 20 660' FEL & 2310' FSL SEC-20 T-19-S R-32-E **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE **SCHEMATIC WELL CONSTRUCTION DATA** 1. SUFACE CASING SIZE: 13-3/8 INCHES CEMENTED WITH: 900 SX 13-3/8" TOC: FEET DETERMINED BY: Circulated 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING CEMENTED WITH: SIZE: 8-5/8 INCHES 2350 4485 8-5/8" FEET DETERMINED BY: Circulated Surface TOC: HOLE SIZE: 12-1/4 INCHÉS 3. LONG STRING 5-1/2 800 INCHES CEMENTED WITH: SX 3030 FEET DETERMINED BY: Temp. Survey TOC 7-7/8 HOLE SIZE: INCHES 4. INJECTION INTERVAL 6469 FEET TO: 6487 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ "PERFORATED" 6400' **5. TOTAL DEPTH**: 7230 FEET 6469'-6487' CIBP 6800' CIBP 6. TUBING SIZE 7230 5-1/2" SIZE: 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING ARROW SET 1-XS, PKR PACKER AT: 6400 FEET: SET IN A: OTHER DATA Х IS THIS A NEW WELL DRILLED FOR INJECTION? YES NO PRODUCING OIL AND GAS WELL IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: B. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. PERFS 7050'-7154, SET CIBP, WITH 4 SK. CMT. ON TOP AT 6800' GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: WATKINS YATES 1. YATES 2600'-2800' 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' **LUSK ATOKA GAS** 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING FORM C-108 SECTION III S. LUSK BONE SPRING **APPLICATION FOR AUTHORIZATION** E. LUSK BONE SPRING TO INJECT Parker & Parsley 4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL Development L.P.

> E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

WATER INJECTION WELL

SHA	CKELFORD OIL			AMOCO FEDERAL					
OPERA	TOR			LEASE					
	1	660' FNL & 330' FWL		SEC-21	T-19-S	R-32-E			
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE			
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEL	L	SPUD DATE:	9/23/	38		
	SCHEMATIC				TABULAR DATA				
		1. SUFACE	CASING						
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	sx		
13-3/8"	450'	TOC:	Surface		FEET DETERMINED BY:	Circula	ted		
13-3/0	450	HOLE SIZE:		17-1/2	INCHES				
		2. INTERM	IDIATE CA	SING					
		SIZE:	8	INCHES	CEMENTED WITH:	2150	sx		
	B" 4250'	TOC:	Surface		FEET DETERMINED BY:	Circula	ted		
		HOLE SIZE:		11	INCHES				
4	4250'	3. LONG S	TRING						
	MACAGONIA A	SIZE:	5-1/2	INCHES	CEMENTED WITH:	525	sx		
		TOC:	4550		FEET DETERMINED BY:	Temp. Su	rvey		
		HOLE SIZE:		7-7/8	INCHES				
		4. TOTAL 1	DEPTH:	6650	FEET				
		5. PERFOR	RATIONS						
	PERFS 4892'-4906'			6490	FEET TO:	6493	FEET		
	PERFS 4892'-4906'			(FERI OIOCII	"PERFORAT	•			
						FORM C-108			
						SECTION VI			
	PERFS 6490'-6493'				APPLICATI	ON FOR AUTHORIZ	ATION		
						TO INJECT			
	PERFS 4892'-4906' PERFS 6490'-6493'				Pa	rker & Parsley			
	5-1/2" 6650'					velopment L.P.			

WATER INJECTION WELL

Parker & Parsley Development L.P.

Deve	lopment L.P.			LUSK DEE	-P "A"				
OPERA	TOR	<u> </u>	-	LEASE					
	15	1651' FNL & 330' FEL		SEC-20		T-19-S	R-32-	E	
	WELL NO.	FOOTAGE LOCATION		SECTION		TOWNSHIP	RANG		
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	-	SPUD DATE:	11/2	22/88	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR	DATA			
		SIZE:	13-3/8	INCHES	CEMENTED	WITH:	10	00	sx
		TOC:	Surface		FEET DETER	MINED BY:	Circu	ulated	
13-3/8"	828			17-1/2		INCHES			
		2. INTERN	IIDIATE C	ASING					
		SIZE:	8-5/8	INCHES	CEMENTED V	MTH:	70	0	sx
	4500'	TOC:	2370		FEET DETER	MINED BY:	Temp.	Survey	
		HOLE SIZE:		12-1/4		INCHES			
8-5/8'	7500	3. LONG S	TRING						
		SIZE:	5-1/2	INCHES	CEMENTED	VITH:	60	0	sx
		TOC:	4690		FEET DETER	MINED BY:	Temp.	Survey	
		HOLE SIZE:		7-7/8		INCHES			
		4. TOTAL	DEPTH:	7220		FEET			
		5. PERFO	RATIONS	6468		FEET TO:	6478	FEET	
					ED OR OPEN I	-			
	PERFS 6468'-647 4 SXS CM CIBP @ 7				"PE	ERFORATE	D"		
	PERFS				٨		FORM C-108 SECTION VI	DIZATIONI	
	6468'-647 4 SXS CM				A	FFLICATIC	ON FOR AUTHOR TO INJECT	aza HUN	
	CIBP @ 7						rker & Parsley		
	5-1/2" 7220'	•				Dev	elopment L.P		

WATER INJECTION WELL

SHACKELFORD OIL		MOBIL FE	DERAL		
OPERATOR		LEASE			
2	1650' FNL & 1650' FWL	SEC-21	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND GAS V	VELL	SPUD DATE:	8/30/88	
SCHEMATIC	1. SUFACE CASIN	G	TABULAR DATA		
13.2/8"	SIZE: 13-3/	B INCHES	CEMENTED WITH:	475	sx
	тос: Surfac	e	FEET DETERMINED BY:	Circulated	
	HOLE SIZE:	17-1/2	INCHES		
	2. INTERMIDIATE	CASING			
	SIZE: N/A	INCHES	CEMENTED WITH:	N/A	sx
	TOC: N/A		FEET DETERMINED BY:	N/A	
13.2/8"	HOLE SIZE:	N/A	INCHES		
13-3/8" 454'	3. LONG STRING				
	SIZE: <u>5-1/2</u>	INCHES	CEMENTED WITH:	165	sx
	тос: 5997		FEET DETERMINED BY:	Calculation	
	HOLE SIZE:	11 & 7-7/8	INCHES		
	4. TOTAL DEPTH:	6690	FEET		
	5. PERFORATION	S 6490	FEET TO:	6495 FEET	
			ED OR OPEN HOLE; INDICA	TE WHICH)	
PERFS 6490-649	5		S APPLICATION	ORM C-108 SECTION VI N FOR AUTHORIZATION TO INJECT	
PERFS 6490-649				ker & Parsley elopment L.P.	

WATER INJECTION WELL

SHA	CKELFORD OIL			MOBIL FE	DERAL			
OPERA	TOR		!	LEASE				
	3	2310' FSL & 330' FWL		SEC-21	T-19-S	R-:	32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNS		NGE	
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEL	L	SPUD D.	ATE:1	0/25/89	
	SCHEMATIC	1. SUFACE	CASING		TABULAR DATA	<u>A</u>		
		SIZE:	13-3/8	INCHES	CEMENTED WITH:		475	sx
		TOC: <u>\$</u>	Surface		FEET DETERMINED I	BY: Ci	rculated	
13-3/8"	455'	HOLE SIZE:		17-1/2	INCHES			
		2. INTERMII	DIATE CAS	SING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:		1090	sx
		TOC:	150		FEET DETERMINED E	BY: Temp	p. Survey	
		HOLE SIZE:		11	INCHES			
8-5/8"	4256'	3. LONG ST	RING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	-	1000	SX
		TOC:	3240		FEET DETERMINED E	BY: Cal	culated	
		HOLE SIZE: _	· · · · ·	7-7/8	INCHES			
		4. TOTAL D	EPTH:	7240	FEET			
		5. PERFOR	ATIONS	6478	FEET TO	D: 6485	FEET	
			-		ED OR OPEN HOLE ;			
	[23] [23]				"PERFOR	ATED"		
						FORM C-108		
	TBG @ 7	111'				SECTION VI		
	TBG @ 7 PERFS 6478'-64				APPLIC	ATION FOR AUTH TO INJECT	ORIZATION	
						Parker & Pars	ley	
5-1	/2" 7240'					Development L	P.	

WATER INJECTION WELL
TABULATION OF WELL DATA

SHAC	CKELFO	RD OIL				LYNCH					
OPERA	TOR	_				LEASE				•	
	3		. ·· · · · · · · · · · · · · · · · · ·	678' FSL & 1992' FV	VL	SEC-21		T-19-S	R-32-E		
	WELL	NO.		FOOTAGE LOCATION		SECTION		TOWNSHIP	RANGE		
	TYPE OF W	/ELL:		PRODUCING OIL A	ND GAS WEL	<u>L</u>	_	SPUD DATE:	11-14-42 RE-EN	TRY 10-6	-95
	SCHE	MATIC	ode de s	1. SUFA	CE CASING		TABULAR	R DATA			
				SIZE:	8-5/8	INCHES	S CEMENTED	WITH:	50		sx
				TOC:	Surface		_	-	Circula		
				100.	Surface	 	FEET DETER	RMINED BY:	Circui	aleu	
			•	HOLE SIZE	:	11		NCHES			
				2. INTER	MIDIATE CAS	SING					
				SIZE:	N/A	INCHES	CEMENTED	WITH:	N/A		sx
				TOC:	N/A		FEET DETER	RMINED BY:	N/A	··	
				HOLE SIZE	<u> </u>	N/A		INCHES			
8-5/8"			925'	3. LONG	STRING				•		
	:			SIZE: .	4-1/2 & 5-1/2	! INCHES	CEMENTED	WITH:	50		sx
				TOC:	2400		FEET DETER	RMINED BY:	Calcula	tion	
				HOLE SIZE		7-7/8	<u>-</u>	INCHES			
				4. TOTAI	L DEPTH:	2776)	FEET			
				5. PERFO	ORATIONS						
						2637		FEET TO:	2737	FEET	
						(PERFURA)		ERFORATE	· ·		
			<u>.</u> .								
•	4-1/2"	234	0,								
									FORM C-108 SECTION VI		
							_				
	5"	1 255	RFS 7'-2737'				<i>P</i>	APPLICATIO	N FOR AUTHORIZ TO INJECT	ZATION	
								Par	ker & Parsley		
	5"	27	'39'						elopment L.P.		
		TD 2	776'					WATER	R INJECTION WEL	L	

SHACKELFORD OIL		PLAINS F	EDERAL		
OPERATOR		LEASE			
4 - X	710' FSL & 660' FWL	SEC-21	T-19-S	R-32-F	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND GAS	WELL	SPUD DATE:	1/4/64	4
			TABULAR DATA		
SCHEMATIC	1. SUFACE CASI	NG	TABOLAN DATA		
	SIZE: 13-3	3/8 INCHES	S CEMENTED WITH:	750	SX
	тос: Surfa	ice	_FEET DETERMINED BY:	Circulate	ed
13-3/8" 827'	HOLE SIZE:	17-1/2	INCHES		
	2. INTERMIDIATE	E CASING			
	SIZE: 10-3	3/4 INCHES	S CEMENTED WITH:	700	sx
	тос: Surfa	ce	_FEET DETERMINED BY:	Circulate	ed
	HOLE SIZE:	12-1/4	INCHES		
10-3/4" 2662'	3. INTERMIDIATE	E CASING			
	SIZE: 8-5/	/8 INCHES	S CEMENTED WITH:	250	sx
	TOC:3	3500	_FEET DETERMINED BY:	Temp. Sun	vey
	HOLE SIZE:	9-7/8	INCHES		
8 5/e" 4540'	4. LONG STRING	;			
8-5/8" 4540'	SIZE: <u>5-1/</u>	/2 INCHES	S CEMENTED WITH:	200	sx
	тос:10	714	_FEET DETERMINED BY:	Calculate	ed
	HOLE SIZE:	7-7/8	INCHES		
	5. TOTAL DEPTH	i:11514	FEET FEET		
	6. PERFORATION		_		
		11435 (PERFORA)	FEET TO:	11479 ATE WHICH)	_FEET
		(, _,,,	"PERFORATE	•	
				FORM C-108	
			APPLICATION	SECTION VI ON FOR AUTHORIZA	ATION
PERFS 11435'-1147	9'			TO INJECT	
11,733,1147	•		Da	rker & Parsley	
5-1/2" 11514'	•			velopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

Parker & Parsley

Development L.P.

LUSK DEEP "A"

OPERATOR		LEASE			
21	990' FSL & 660' FEL	SEC-20	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND GA	S WELL	SPUD DATE:	1997	

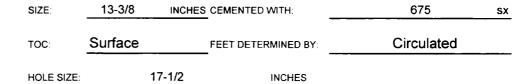


13-3/8"

8-5/8"

1. SUFACE CASING

TABULAR DATA



2. INTERMIDIATE CASING

SIZE:	8-5/8	INCHES CEMENTED WITH:	1325	SX
TOC:	Surface	FEET DETERMINED BY:	Circulated	

HOLE SIZE: 12-1/4 INCHES

3. LONG STRING

SIZE:	5-1/2	INCHES	CEMENTED WITH:	_	1530	sx
TOC:	Surface		FEET DETERMINED	D BY:	Circulated	
HOLE SIZE:	7	7-7/8	INCHE	ES		

7200 FEET 4. TOTAL DEPTH:

5. PERFORATIONS

TBG@ 6723'

6460'-6480'

PERFS

7200'

6460	FEET TO:	6480	FEET
(PERFORATED OR	OPEN HOLE; INDICA	TE WHICH)	

FORM C-108 SECTION VI

APPLICATION FOR AUTHORIZATION TO INJECT

> Parker & Parsley Development L.P.

WATER INJECTION WELL

SHACKELFORD OIL			PLAINS U	NIT		
OPERATOR			LEASE			
	1980' FSL & 660' FWL		SEC-21	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND	GAS WEI	<u>_L</u>	SPUD DATE	7/10/96	
SCHEMATIC	1. SUFACE	CASING		TABULAR DATA		
2011 KIR	1. 001 A02	OAOMO				
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	750	SX
	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8" 🚨 82:	HOLE SIZE: _		17-1/2	INCHES		
	2. INTERMI	DIATE CA	SING			
	SIZE:	10-3/4	INCHES	CEMENTED WITH:	700	sx
	TOC:	Surface		FEET DETERMINED BY:	Circulated	
10.3/4"	HOLE SIZE:		12-1/4	INCHES		
10-3/4" 2651	3. INTERMI	DIATE CA	SING			
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	275	sx
8-5/8"	TOC:	3335		FEET DETERMINED BY:	Calculated	
	HOLE SIZE:		11	INCHES		
	4. LONG ST	TRING				
8-5/8" 4490'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	200	sx
	TOC:	10714		FEET DETERMINED BY:	Calculated	
	HOLE SIZE:		7-7/8	INCHES		
	5. TOTAL D	DEPTH:	11690	FEET		
	6. PERFOR	ATIONS				
			11516 (PERFORAT	FEET TO: ED OR OPEN HOLE; IND	11530 FEET CATE WHICH)	
				"PERFORAT		
					FORM C-108 SECTION VI	
PERFS				APPLICAT	ION FOR AUTHORIZATION	
11516'-1'	1530'				TO INJECT	
					arker & Parsley	
5-1/2" 11690'				De	evelopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

SHA	CKELFORD (OIL			LYNCH			
OPERA	TOR				LEASE		-	
	1 _	660' FSL & 6	60' FWL		SEC-21	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOC	ATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PLUGGED &	ABANDON	ED	_	SPUD DATE:	12/18/41	
	SCHEMATIC	C	1. SUFAC	E CASING		TABULAR DATA		
			SIZE:	8-1/4	INCHES	CEMENTED WITH:	50	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	···-
8-1/4"		920'	HOLE SIZE:		UNKNOWN	INCHES		
			2. INTER	MIDIATE CA	SING			
			SIZE:	7	INCHES	CEMENTED WITH:	100	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
			HOLE SIZE:		UNKNOWN	INCHES		
		acoc!	3. LONG	STRING				
	7"	2696'	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
	7"		HOLE SIZE:		UNKNOWN	INCHES		
			4. TOTAL	DEPTH:	2751	FEET		
			5. PERFO	RATIONS				
					(PERFORAT	FEET TO UI		
			E HAS TI	JE WELLE	VED BEEN	PERFORATED" PERFORATED IN AN	IV OTHER ZONE(S)2	
	2004:	23	ST A	LL SUCH P	ERFORATE	ED INTERVALS AND	GIVE PLUGGED	
FRO	DM: DOWNS OIL 1424 F	_ AND RESEARCH PAIGE	ETAIL	L, I.E. SAC	(S OF CEM	ENT OR PLUG(S) US	ED <u>.</u>	
	HOBBS, N.I	M. , 88240				UNKNOWN		
w	ELLS DRILLED	BACK IN THE 1940'S						
ТНА	AT WERE ON FE	EDERAL LAND WERE					FORM C-108 SECTION VI	
NO.	T REQUIRED TO	FURNISH THE OCD				APPLICA	ATION FOR AUTHORIZATION TO INJECT	
wit	TH COPIES OF T	THE PUGGING LOG.					Parker & Parsley Development L.P.	
so	ALL THAT IS A	VAILABLE IS THE				W	ATER INJECTION WELL	
INF	ORMATION ON	THE SCOUT TICKET.	j			TAB	ULATION OF WELL DATA	

SHACKELFORD OF	IL			PLAINS FE	EDERAL		
OPERATOR				LEASE			
4 WELL NO.	1930' FSL 8			SEC-21	T-19-S TOWNSHIP	R-32	
TYPE OF WELL:	PLUGGED	& ABANDON	ED	_	SPUD DATE:	9/	12/63
SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA		
	25 SXS CMT 35'-SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	725	s
		TOC:	Surface		FEET DETERMINED BY:	Circ	ulated
13-3/8"	831'	HOLE SIZE:		17-1/2	INCHES		
	150 SXS CMT @723'-930'	2. INTERN	MIDIATE CA	ASING			
		SIZE:	9-5/8	INCHES	CEMENTED WITH:	1000	
	2000 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circ	ulated
	@2336'-2445'	HOLE SIZE:		11	INCHES		
		3. LONG	STRING				
9-5/8"	4290 '	SIZE:	N/A	INCHES	CEMENTED WITH:		N/A s
		TOC:	N/A	\	FEET DETERMINED BY:		N/A
	:	HOLE SIZE:			INCHES		
	:	4. TOTAL	DEPTH:	11517	FEET		
	 - - - -	5. PERFO	RATIONS	N/A	FEET TO:	N/A	FEET
					ED OR OPEN HOLE; INDIC PERFORATED"		
	LOADED HOLE	LIST AI	LL SUCH P	ERFORATE	PERFORATED IN AN ED INTERVALS AND G ENT OR PLUG(S) USE	SIVE PLUGGED	NONE
	2445'			· · · · · · · · · · · · · · · · · · ·			
	% (*) (*) (*) (*)						
						FORM C-10 SECTION V	
					APP	LICATION FOR AUT TO INJECT	
						Parker & Pars Development i	

_ 11517

WATER INJECTION WELL
TABULATION OF WELL DATA

SHACKELFORD OIL				PLAINS FE	DERAL		
OPERATOR				LEASE			
4	1930' FSL 8	660' FWL		SEC-21	T-19-S	R-32	2-E
WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RAN	GE
TYPE OF WELL:	PLUGGED	& ABANDON	ED	-	SPUD DATE: _	9	/12/63
SCHEMATIC		1. SUFAC	E CASING	:	TABULAR DATA		
	25 SXS CMT 35'-SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH: _	725	sx
		TOC:	Surface	F	FEET DETERMINED BY:	Circ	culated
13-3/8"	831'	HOLE SIZE:		17-1/2	INCHES		
	150 SXS CMT @723'-930'	2. INTERN	MIDIATE CA	SING			
		SIZE:	9-5/8	INCHES	CEMENTED WITH:	1000) sx
	2000 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circ	culated
	@2336'-2445'	HOLE SIZE:		11	INCHES		
		3. LONG S	STRING				
9-5/8"	4290'	SIZE	N/A	INCHES	CEMENTED WITH: _		N/A sx
		TOC:	N/A		FEET DETERMINED BY:		N/A
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;		HOLE SIZE:			INCHES		
		4. TOTAL	DEPTH:	11517	FEET		
		5. PERFO	RATIONS	N/A	FEET TO:	N/A	FEET
					D OR OPEN HOLE; INDICAPERFORATED"	ATE WHICH)	
, i	LOADED HOLE WITH MUD TO 2445'	LIST AL	LL SUCH P	VER BEEN F ERFORATEI	PERFORATED IN ANY DINTERVALS AND GI NT OR PLUG(S) USEI	VE PLUGGED	NONE
						FORM C-10	
					APPL	ICATION FOR AU	
						Parker & Par	sley

____ 11517

Development L.P.

WATER INJECTION WELL

TABULATION OF WELL DATA

Parker & Parsley

OPERATOR:	Development L.F) 	LEASI	E: LU	SK DEEP UNIT "A"			
WELL NO1					T-19-S		R-32-E	
SCHEMA	FOOTAGE L	OCATION	SECTIO	ON	TOWNSHIP		RANGE	
ESS FOOT II	THE BASE			WE	LL CONSTRUCTIO	N DATA		
		1. SUFAC	E CASING					
13-3/8"	819'	SIZE:	13-3/8 INC	CHES	CEMENTED WITH:		500	sx
13-3/6		TOC:	Surface	FEE	T DETERMINED BY:	·····	Circulated	·
		HOLE SIZE:	17-1/2	2	INCHES			
		2. INTERN	MIDIATE CASING					
8-5/8"	4482'	SIZE:	8-5/8 INC	CHES	CEMENTED WITH:		1650	sx
6-3/6		TOC:	1350	FEE	T DETERMINED BY:		emp. Survey	·
		HOLE SIZE:	11		INCHES			
		3. LONG S	STRING					
		SIZE:	5-1/2 INC	CHES ·	CEMENTED WITH:		800	sx
		TOC:	2710	FEE	T DETERMINED BY:	7	Temp. Survey	
		HOLE SIZE:	7-	-7/8	INCHES			
		4. INJECT	ION INTERVAL	(6446 FEET TO:		6467 FEET	
	□ PKR @		(PERFC	DRATED (R OPEN HOLE; INDICA			
	6370'			"PERF	ORATED"			
	PERFS	5. TOTAL	DEPTH:	67	00 FEET			
	6446'-6467'	6. TUBING	SIZE					
5-1/2"	6683'	SIZE:	2-7/8 INCHES	S IIN	ED WITH: !	PC 505 -	PLASTIC COATING	
		SILL:						
		SET IN A:	ARROW SET 1-X	(S, PKF	PACKER AT:	_ 	6370 FEET:	
OTHER DATA								
OTHER DATA		I MOTIONO	VE0		V uo			
A. IS THIS A	NEW WELL DRILLED FOR IN	JECTION?	YES		X NO			
IF NO, FO	R,WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILLED?		PRODUCIN	G OIL AI	ND GAS WELL	
COMMEN	T: SPUD WELL 11/2/74. P&A	WELLBORE (8/27/86. RE-ENTRY 4/	/12/89				
B. NAME TH	E INJECTION FORMATION:		6400' SAND (BRI	USHY C	ANYON)			
								
C. NAME TH	E FIELD OR POOL (IF APPLI	CABLE)	LUSK	VAEST	(DELAWARE)	<u> </u>		
	WELL EVER BEEN PERFOR I.E. SACKS OF CEMENT OR						ND GIVE PLUGGED P. PERFS 10680'-10708',	
CIBP AT 1	10640' W/5, SX, CMT/TOP, P	ERFS 11460'-	11581', CIBP AT 11430	0',W/5, SX	CMT/TOP, CIBP AT 12	:212' W/20,	, SX, CMT/TOP	
E. GIVE THE	E NAME(S) AND DEPTH(S) OF	ANY OVER	OR UNDERLYING OIL	OR GAS	ZONES IN THIS AREA: _			
1. YATE	S 2600'-2800'	WATKINS		5.	STRAWN 11000'-11	200'	LUSK STRAWN OIL	
		N.E. LUSK		6.	ATOKA 11200'-114	00'	LUSK ATOKA GAS	
2 DELA	WARE 4600'-7100'	WILLSK	DELAWARE	7	MORROW 11500'-1	2000'	LUSK MORROW G	ΔS
2. 000	WWAILL 4000-7100	LUSK DE		<u></u>	11300-1	2000	N.W. LUSK MORRO	W GAS
3. BONI	E SPRING 8200'-8950'	WATKINS	BONE SPRING				N. LUSK MORROW	GAS
			NE SPRING				FORM C-108 SECTION III	
			BONE SPRING BONE SPRING			APPL	ICATION FOR AUTHORIZATION FOR INJECT	ATION
	C OAMO 40400 1000	111011111	V FOALAD C''				Parker & Parsley	
4. WOL	F CAMP 10100'-10700'	E. LUSK	WOLFCAMP OIL WOLFCAMP OIL				Development L.P. WATER INJECTION WELL	-

Parker & Parsley

OPERATOR:		evelopment L.F		LEASI	E: <u>L</u>	USK DEEP UN	IIT "A"				
WELL NO	20					T-19			R-32-E		
SCH	EMATIC	FOOTAGE L	OCATION	SECTIO	N	TOW	NSHIP		RANGE		
			1 CHEAC	E CASING	W	VELL CONSTR	RUCTION	DATA			
13-3/8"			I. SUFAC	ECASING							
		872'	SIZE:	13-3/8 INC	HES	CEMENTED W	лтн: <u> </u>		900)	sx
13-3/8"		672	TOC:	Surface	FE	EET DETERMINE	D BY:		Circulate	d	
	125		HOLE SIZE:	17-1/2							
			HOLE SIZE.	17-112		INCH	LS				
			2. INTERN	MIDIATE CASING							
8-5/8"		4485'	SIZE:	8-5/8 INC	HES	CEMENTED W	/ITH:		2350)	sx
8-5/8"			TOC:	Surface	F	EET DETERMINE	D BY:	·	Circulate	d	
			HOLE SIZE:	12-1/4	4	INCH	ES				
			3. LONG S	STRING		-					
									001		
			SIZE:	5-1/2 INC	HES	CEMENTED W	/ITH:		800)	sx
			TOC:	3030	FI	EET DETERMINE	D BY:	Te	emp. Surv	rey	
			HOLE SIZE:	7-	-7/8	INCHI	ES				
			4. INJECT	ION INTERVAL		6469 FEET	TO:		6487	FEET	
		PKR @				OR OPEN HOLE	; INDICATE	WHICH)	_	
		6400'				. OIOTILD					
	1 1 1 1 1 1 1 1 1 1	PERFS 6469'-6487'	5. TOTAL	DEPTH:	7	230 FEET					
E	СІВР	CIBP 6800'	6. TUBING	SIZE							
5-1/2"		7230	SIZE:	2-7/8 INCHES	S LI	INED WITH:	IPC	505 - F	PLASTIC (COATING	
			SET IN A:	ARROW SET 1-X	'S PK	(R PACK	ER AT:		6400	FEET:	
			SET IIVA	7WWOV OET 17		TACK			0400		
OTHER DATA											
A. IS TH	IS A NEW	WELL DRILLED FOR IN	JECTION?	YES		X NO					
					_	·	D			 .	
IF NO	, FOR WH	AT PURPOSE WAS TH	E WELL ORIG	INALLY DRILLED?	_	PRO	DUCING	JIL ANI	D GAS WE	<u> </u>	
-		·· - · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · <u>· · · · · · · · · · · · · · · · </u>							
B. NAME	E THE INJE	ECTION FORMATION:		6400' SAND (BRU	JSHY	CANYON)					
C. NAME	THE FIEL	D OR POOL (IF APPLI	CABLE)	LUSK	WEST	(DELAWARE)				
D. HAS	THE WELL	EVER BEEN PERFOR	ATED IN ANY	OTHER ZONE(S)? LIS	ST ALL S	SUCH PERFORAT	TED INTERV	ALS AND	GIVE PLUC	GED .	
DETA	AIL, I.E. SA	CKS OF CEMENT OR	PLUG(S) USE	PERF	S 705	0'-7154, SET	CIBP, WI	TH 4 SI	K. CMT. O	N TOP AT	5800'
											
E. GIVE	THE NAME	E(S) AND DEPTH(S) OF	ANY OVER (OR UNDERLYING OIL	OR GAS	S ZONES IN THIS	AREA:				
1. Y/	ATES 26	500'-2800'	WATKINS	YATES	5	STRAWN 11	000'-1120	0,	LUSK ST	RAWN OIL	
			N.E. LUSK		-	6. ATOKA 1120)0'-11 4 00'		LUSK AT	OKA GAS	
				 							
2. DI	ELAVVAR	RE 4600'-7100'	LUSK DEI	DELAWARE _AWARE		. MORROW 1	1500-120	00.		ORROW GA	
3 R	ONE SPE	RING 8200'-8950'	WATKINS	BONE SPRING					N. LUSK	MORROW	GAS
<u> </u>	<u> </u>		LUSK BO	NE SPRING						I C-108 ION III	
				BONE SPRING				APPLI	CATION FO	ION III R AUTHORIZA NJECT	ATION
A 18	(OLE CAI	MP 10100'-10700'	LUSK WC	LFCAMP OIL					Parker &	S Parsley ment L.P.	
. 4. vv	OLI OAI	10100-10700	E. LUSK \	WOLFCAMP OIL				٧	•	ECTION WELL	•
			S. LUSK	VOLFCAMP OIL							

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley OPERATOR: Development L.P. LEASE: LUSK DEEP UNIT "A" 14 330' FSL & 1980' FEL WELL NO SEC-20 T-19-S R-32-E **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES 1000 SIZE: CEMENTED WITH: SX 13-3/8" TOC: FEET DETERMINED BY: Circulated HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 1700 SX 4500 8-5/8" Surface FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 12-1/4 INCHES 3. LONG STRING 850 SIZE: 5-1/2 INCHES CEMENTED WITH: SX FEET DETERMINED BY: 2320 Temp. Survey TOC: 7-7/8 INCHES HOLE SIZE: FEET TO: 4. INJECTION INTERVAL 6452 6459 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR @ "PERFORATED" 6380 7200 __FEET 5. TOTAL DEPTH: PERES 6452-6459 6. TUBING SIZE 7199' 5-1/2 SIZE 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING ARROW SET 1-XS, PKR PACKER AT: 6380 FEET: SET IN A: OTHER DATA X IS THIS A NEW WELL DRILLED FOR INJECTION? YES PRODUCING OIL AND GAS WELL IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. 5. STRAWN 11000'-11200' 1. YATES 2600'-2800' **WATKINS YATES** LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** N.W. LUSK MORROW GAS LUSK DELAWARE N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING FORM C-108 SECTION III S. LUSK BONE SPRING E. LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL **APPLICATION FOR AUTHORIZATION** TO INJECT Parker & Parsley Development L.P.
WATER INJECTION WELL

Parker & Parsley

Development I P

PERATO	R:	Development L.P	•	L	EASE:	LUSK DEEP UNIT "A"		
ELL NO	17	330' FNL 8	330' FEL	s	EC-20	T-19-S	R-32-E	
	SCHEMATI	FOOTAGE L	OCATION	Si	ECTION	TOWNSHIP	RANGE	
		1 1984 1888	1. SUFAC	E CASING		WELL CONSTRUCTE	ON DATA	
13-3/8"		882'	SIZE:	13-3/8	INCHES	CEMENTED WITH:	1000	sx
13-3/8"		_	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:	1	7-1/2	INCHES		
			2. INTERI	MIDIATE CAS	ING			
5 5 6 2 11		4510'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1450	sx
8-5/8"			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:	1	2-1/4	INCHES		
			3. LONG	STRING				
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	800	sx
						,	CALCULATED	
						INCHES		
							6484 FEET	
	\boxtimes	PKR @ 6400'		(F		ED OR OPEN HOLE; INDI	CATE WHICH)	
		PERFS	5. TOTAL	DEPTH:		7224 FEET		
		6476'-6484'	6. TUBING	G SIZE				
5-1/2		7220'	SIZE:	2-7/8 IN	NCHES	LINED WITH:	IPC 505 - PLASTIC COATING	
			SET IN A:	ARROW SE	T 1-XS, I	PKR PACKER AT:	6400 FEET:	
THER DA	ATA							
A .	IS THIS A NE	W WELL DRILLED FOR IN	JECTION?	Y	ES	<u>X</u> NO		
	IF NO, FOR V	WHAT PURPOSE WAS THE	WELL ORIG	GINALLY DRILLE	D?	PRODUCII	NG OIL AND GAS WELL	
-			,					
В.	NAME THE II	NJECTION FORMATION:		6400' SAND				
C.	NAME THE F	TIELD OR POOL (IF APPLIC	CABLE)		USK WE	ST (DELAWARE)		
D.		ELL EVER BEEN PERFORA SACKS OF CEMENT OR F			S)? LIST AL	L SUCH PERFORATED INT	ERVALS AND GIVE PLUGGED	
-								
E.	GIVE THE N	AME(S) AND DEPTH(S) OF	ANY OVER	OR UNDERLYIN	G OIL OR G	SAS ZONES IN THIS AREA:		
	1. YATES	2600'-2800'	WATKINS N.E. LUSI			5. STRAWN 11000'-1	1200' LUSK STRAWN OIL	
			S. LUSK			6. ATOKA 11200'-114	400' LUSK ATOKA GAS	
	2. DELAW	'ARE 4600'-7100'	W. LUSK	DELAWARE		7. MORROW 11500'-	12000' LUSK MORROW GAS N.W. LUSK MORROW	GAS
	2 DONE 1	CODING GOOD COSC			NC		N. LUSK MORROW GA	
•	3. RONE S	SPRING 8200'-8950'		NE SPRING	NG	-	FORM C-108	
				BONE SPRIN		-	SECTION III APPLICATION FOR AUTHORIZATIO	DN
			E. LUSK	BONE SPRIN		_	TO INJECT Parker & Parsley	
	4. WOLF	CAMP 10100'-10700'		OLFCAMP OIL		_	Development L.P. WATER INJECTION WELL	
			S. LUSK	WOLFCAMP	OIL	- -	TABULATION OF WELL DATA	

PERATOR:	SHACKELFORD	OIL CO.	LEASE:	MOBIL FE	EDERAL		
VELL NO	1 1650' FNL						
SCHEN		OCATION	SECTION		TOWNSHIP	RANGE	
		1. SUFAC		WELL CO	ONSTRUCTION	DATA	
	461'	SIZE:	13-3/8 INCHES	CEME	NTED WITH:	475	sx
13-3/8"	461'		Surface	-			
				_	 -	Onduced	
		HOLE SIZE:	17-1/2	<u></u>	_INCHES		
		2. INTERM	IIDIATE CASING				
8-5/8"	4257'	SIZE:	8-5/8 INCHES	CEME	NTED WITH:	860	sx
	CURRENT U.DELAWARE	TOC:	Surface	FEET DETE	ERMINED BY:	Circulated	
	PERFS 4874'-5040'	HOLE SIZE:	12-1/4		INCHES		
8-5/8"	CURRENT U.DELAWARE PERFS 4874'-5040' PROPOSED TO CMT SQZ OFF U. DEL.	3. LONG S			-		
		SIZE:	5-1/2 INCHES	- CEME	NTED WITH:	875	sx
	22	TOC:	4248	_FEET DETE	ERMINED BY:	Temp. Survey	
		HOLE SIZE:	7-7/8		_INCHES		
		4. INJECT	ION INTERVAL	6469	FEET TO:	6479 FEET	
	PKR @		(PERFORAT	ED OR OPE	N HOLE ; INDICATI		
	PKR @ 6400'		PI	ERFORA	I ED		
	PERFS 6469'-6479'	5. TOTAL	DEPTH:	6700	_FEET		
	6469'-6479'	6. TUBING	SIZE			·	
5-1/2"	6692'	SIZE:	2-7/8 INCHES	LINED WITI	H: PC	505 - PLASTIC COATING	
		SET IN A:	ARROW SET 1-XS,	PKR	PACKER AT:	6400 FEET:	
		321 1177	7.1.1.101.102.17.7.0,			7700	
THER DATA							
A. IS THIS	A NEW WELL DRILLED FOR IN	JECTION?	YES	X	NO		
					_	O. 11D 040 WELL	
IF NO, F	OR WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILLED?		PRODUCING	OIL AND GAS WELL	
			O 4001 CAND (DD110)				
B. NAME T	HE INJECTION FORMATION:		6400' SAND (BRUSH			····	
C. NAME T	HE FIELD OR POOL (IF APPLIC	CABLE)	LUSK WE	ST (DELA	WARE)		
	E WELL EVER BEEN PERFOR , I.E. SACKS OF CEMENT OR I						
5/92 P	ERFS 4874'-4892' CIBP @) 4940', C l	URRENTLY PRODUC	ING FROM	U. DELAWARE	PERFS 4874'-4892'	
E. GIVE TH	HE NAME(S) AND DEPTH(S) OF	ANY OVER O	OR UNDERLYING OIL OR	GAS ZONES	IN THIS AREA:		
1. YAT	ES 2600'-2800'	WATKINS		5. STRAV	VN 11000'-1120	00' LUSK STRAWN OIL	
		N.E. LUSK Y		6. ATOK	A 11200'-11400'	LUSK ATOKA GAS	
2. DEL	AWARE 4600'-7100'	W. LUSK I	DELAWARE	7. MORR	OW 11500'-120	000' LUSK MORROW GAS	
		LUSK DEI	AWARE			N.W. LUSK MORROW (N. LUSK MORROW GA	
3. BON	NE SPRING 8200'-8950'					11. LOSK WORKOW GA	
			NE SPRING BONE SPRING			FORM C-108 Section III	
			BONE SPRING	-		APPLICATION FOR AUTHORIZATION TO INJECT	ИС
4 14/0	LF CAMP 10100'-10700'	HISKINO	N ECAMP OIL			Parker & Parsley	
4. VVU	LI CAMP 10100-10700		WOLFCAMP OIL			Development L.P. WATER INJECTION WELL	
		S. LUSK V	WOLFCAMP OIL				

OPERAT	OR: SHACKELFORE	OIL CO.	LEASE	MOBIL	FEDERAL		
WELL NO	4 1650° FV	VL & 2310' FS	SEC-21		T-19-S	R-32-E	
		LOCATION			TOWNSHIP		
=				WELL C	CONSTRUCTION DAT	A	
		1. SUFACE	CASING				
		SIZE:	13-3/8 інсн	ES CEM	ENTED WITH:	475	sx
		TOC:	Surface	FEET DET	TERMINED BY:	Circulated	
			17-1/2				
		HOLE SIZE.	17-1/2				
		2. INTERM	IDIATE CASING				
13-3/8"	477	SIZE:	N/A INCH	ES CEM	ENTED WITH:	N/A	sx
		TOC:	N/A	FEET DE	TERMINED BY:	N/A	
		HOLE SIZE:	N	/A	INCHES		
		3. LONG S	. =				
	PERES						
		SIZE:	5-1/2 inch	ES CEM	ENTED WITH:	2620	sx
		TOC:			TERMINED BY: PLUG TO 1336' CMT'D W/7:		
		HOLE SIZE:	7-7			20 SAS TO CIRCULATE.	
		4. INJECTI	ON INTERVAL	6468	FEET TO:	6476 FEET	
			(PERFOR	ATED OR OP	EN HOLE ; INDICATE WH		
	6400'			PERFORA	ATED		
	225	5. TOTAL	DEPTH:	7230	FEET		
	6468'-6476' CIBP @ 6550'	6. TUBING	SIZE				
5-1		SIZE:	2-7/8 INCHES	LINED W	ітн: IPC 505	- PLASTIC COATING	
		CET IN A	ARROW SET 1-XS				
		SET IN A:	ANNOW SET 1-AC	o, FRIX	PACKER AT:	6400 FEET:	
OTHER D	ATA						
	IC THIS A NEW WELL DOLLED FOR	IN IECTION?	YES	x	NO		
Α.	IS THIS A NEW WELL DRILLED FOR	INJECTION?	1ES		NO		
	IF NO, FOR WHAT PURPOSE WAS T	HE WELL ORIGI	NALLY DRILLED?	·	PRODUCING OIL	AND GAS WELL	
				<u> </u>			
В.	NAME THE INJECTION FORMATION	·	6400' SAND (BRU	SHY CANY	ON)		
C.	NAME THE FIELD OR POOL (IF APP	ICABLE)	LUSK V	VEST (DEL	AWARE)		
D.	HAS THE WELL EVER BEEN PERFO	PATED IN ANY (THER ZONE/S)2 LIST	ALL SUCH P	EDEODATED INTEDVALS	AND GIVE PLUGGED	
U.	DETAIL, I.E. SACKS OF CEMENT OF			ALL SOUTH	ERFORMIED INTERVACES		
E.	GIVE THE NAME(S) AND DEPTH(S)	OF ANY OVER O	R UNDERLYING OIL O	R GAS ZONE	S IN THIS AREA		
- .					-	LICK OTDAMAN OIL	 -
	1. YATES 2600'-2800'	N.E. LUSK		5. STRA	AWN 11000'-11200'	LUSK STRAWN OIL	
		S. LUSK Y	ATES	6. ATO	KA 11200'-11400'	LUSK ATOKA GAS	
	2. DELAWARE 4600'-7100'		DELAWARE	7. MOR	ROW 11500'-12000'	LUSK MORROW GAS	
		LUSK DEL	AWARE			N.W. LUSK MORROW GA	
	3. BONE SPRING 8200'-8950		BONE SPRING NE SPRING			EODM C 400	
		S. LUSK B	ONE SPRING			FORM C-108 SECTION III	
		E. LUSK B	ONE SPRING		AP	PLICATION FOR AUTHORIZATI TO INJECT	ON
	4. WOLF CAMP 10100'-10700)' LUSK WO	LFCAMP OIL			Parker & Parsley Development L.P.	
		E. LUSK V	VOLFCAMP OIL			WATER INJECTION WELL	
		S. LUSK V	VOLFCAMP OIL				

SHA	IACKELFORD OIL								AMOCO FEDERAL						
OPERA	TOR				-				LEASE						
			1			660' FNL	& 330' FWL		SEC-21	T-19-S	R-32-E				
		WEL				FOOTAGE I	OCATION		SECTION	TOWNSHIP	RANGE				
	TYP	E OF	WE	LL:		PRODUC	ING OIL AN	D GAS WE	LL	SPUD DATE	:9/23/88				
		SCH	IEM.	ΑT	ıc		4 60546	E CASING		TABULAR DATA					
							I. SUFAC	E CASING							
				: :			SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	sx			
			1	. !			TOC:	Surface		FEET DETERMINED BY:	Circulated				
13-3/8"			1		450'		HOLE SIZE:		17-1/2	INCHES					
			1		4250'		2. INTERM	MIDIATE CA	SING						
							SIZE:	8	INCHES	CEMENTED WITH:	2150	sx			
							TOC:	Surface		FEET DETERMINED BY:	Circulated				
							HOLE SIZE:		11	INCHES					
i	8"	sververters.			4250'		3. LONG S	STRING							
		NATION LAW	ь Е				SIZE:	5-1/2	INCHES	CEMENTED WITH:	525	sx			
			1	MONAGON			TOC:	4550		FEET DETERMINED BY:	Temp. Survey				
				2000000000			HOLE SIZE:		7-7/8	INCHES					
							4. TOTAL	DEPTH:	6650	FEET					
							5. PERFO	RATIONS	.	,	0.400				
			! :	A CONTRACTOR OF THE PROPERTY O	PERFS				6490 (PERFORATI	FEET TO:	6493 FEET	r			
			:	watch!	4892'-4906	•				"PERFORAT					
			ŀ	SACONCO.											
			!	NA STANKES											
				33453463											
]								FORM C-108				
			ļ	AASAKD							SECTION VI				
				SANS DATE OF THE SANS DATE.	PERFS 6490'-6493					APPLICATI	ON FOR AUTHORIZATION TO INJECT	l			
				**************************************							arker & Parsley				
	5-1/2"	 _		U	6650'					De	evelopment L.P.				

WATER INJECTION WELL

SHACKELFORD OIL		MOBIL FE	DERAL		
OPERATOR		LEASE			
2 WELL NO.	1650' FNL & 1650' FWL FOOTAGE LOCATION	SEC-21	T-19-S TOWNSHIP	R-32-E RANGE	
TYPE OF WELL:	PRODUCING OIL AND GAS	WELL	SPUD DATE:	8/30/88	
SCHEMATIC	1. SUFACE CASI	NG	TABULAR DATA		
	SIZE: <u>13-3/</u>	8 INCHES	CEMENTED WITH:	475	sx
	тос: Surfac	се	_FEET DETERMINED BY:	Circulated	
	HOLE SIZE:	17-1/2	INCHES		
	2. INTERMIDIATE	CASING			
	SIZE: N/A	INCHES	CEMENTED WITH:	N/A	sx
	TOC: N/A		FEET DETERMINED BY:	N/A	
13 3/8"	HOLE SIZE:	N/A	. INCHES		
13-3/8" 454'	3. LONG STRING				
	SIZE: 5-1/2	2 INCHES	CEMENTED WITH:	165	sx
	TOC: 5997	7	FEET DETERMINED BY:	Calculation	
	HOLE SIZE:	11 & 7-7/8	INCHES		
	4. TOTAL DEPTH:	6690	FEET		
	5. PERFORATION	S 6490	FEET TO:	6 4 95 FEET	
· 14		(PERFORAT	ED OR OPEN HOLE; INDIC		
				FORM C-108 Section VI	
# PERFS 6490-649	95		APPLICATIO	ON FOR AUTHORIZATION TO INJECT	
5-1/2" 6690'				rker & Parsley relopment L.P.	

WATER INJECTION WELL

SHACKELFORD OIL			PLAINS U	NIT		
OPERATOR			LEASE			
6	1980' FSL & 660' FWI	L	SEC-21	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP		
TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	SPUD DATE	:: 7/10/96	
				TABULAR DATA		
SCHEMATIC	1. SUFAC	E CASING		TABOLAN DATA		
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	750	sx
	TOC:	Surface		FEET DETERMINED BY:	Circulated	<u> </u>
13-3/8" 825'	HOLE SIZE:		17-1/2	INCHES		
	2. INTERN	IIDIATE CA	SING			
	SIZE	10-3/4	INCHES	CEMENTED WITH:	700	sx
10-3/4"	TOC:	Surface		FEET DETERMINED BY:	Circulated	<u> </u>
	HOLE SIZE:		12-1/4	INCHES		
10-3/4" 2651'	3. INTERN	IIDIATE CA	SING			
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	275	sx
	TOC:	3335		FEET DETERMINED BY:	Calculated	
	HOLE SIZE:		11	INCHES		
8-5/8" 4490'	4. LONG S	TRING				
8-5/8" 4490'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	200	sx
	TOC:	10714		FEET DETERMINED BY:	Calculated	
	HOLE SIZE:		7-7/8	INCHES		
PERFS 11516'-115	5. TOTAL	DEPTH:	11690	FEET		
	6. PERFO	RATIONS				
			11516 (PERFORATI	FEET TO: ED OR OPEN HOLE; IND		FEET
			•	"PERFORAT	ED"	
					FORM C-108 SECTION VI	
				APPLICAT	TON FOR AUTHORIZAT	'ION
PERFS 11516'-115	30'				TO INJECT	
					arker & Parsley	
5 1/2" 11690'				D	evelopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

SHACKELFORD OIL			MOBIL FE	DERAL			
OPERATOR		*	LEASE			5-1-	 _
3	2310' FSL & 330' FWL	- <u></u>	SEC-21	T-19-5		-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNS	SHIP RA	NGE	
TYPE OF WELL:	PRODUCING OIL AN	D GAS WEI	L	SPUD D	ATE:	10/25/89	
SCHEMATIC 28188	1. SUFACI	E CASING		TABULAR DAT	<u>A</u>		
	SIZE:	13-3/8	INCHES	CEMENTED WITH:		475	sx
	TOC:	Surface		FEET DETERMINED	ву: С	irculated	
13-3/8" 455'	HOLE SIZE:		17-1/2	INCHES	5		
	2. INTERN	IIDIATE CA	SING				
	SIZE:	8-5/8	INCHES	CEMENTED WITH:		1090	sx
	TOC:	150		FEET DETERMINED	BY: Tem	p. Survey	
	HOLE SIZE:		11	INCHES	5		
8-5/8" 4256'	3. LONG S	TRING					
8-5/8"	SIZE:	5-1/2	INCHES	CEMENTED WITH:		1000	sx
	TOC:	3240	-	FEET DETERMINED	ву:Са	lculated	
	HOLE SIZE:		7-7/8	INCHES	5		
	4. TOTAL	DEPTH:	7240	FEET			
	5. PERFO	RATIONS	6470	·	CASE	cert	
			6478	FEET T		FEET	
TBG @ 71 PERFS 6478'-648				"PERFOI	RATED"		
П П TBG @ 71	11'				FORM C-108 Section V		
PERFS 6478'-648	35'			APPLIC	CATION FOR AUTI TO INJECT	HORIZATION	
TBG @ 71 PERFS 6478'-648					Parker & Pars Development	-	

WATER INJECTION WELL

SHACKELFORD OIL				LYNCH			
OPERATOR				LEASE	· · · · · · · · · · · · · · · · · · ·		
2	1980' FSL &	660' FWL		SEC-21	T-19-S	R-32-E	
WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PLUGGED 8	ABANDON	ED	-	SPUD DATI	E: <u>4/11</u>	/42
SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA		
	10 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED WITI	H: 50	sx
	100 00111/102	TOC:	Surface		FEET DETERMINED BY:	Circul	ated
		HOLE SIZE:		11	INCHES		
		2. INTERI	MIDIATE CA	ASING			
		SIZE:	N/A	INCHES	CEMENTED WITH	H: N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
		HOLE SIZE:		N/A	INCHES		
8-5/8"	905'	3. LONG	STRING				
CIBP	10 SXS CMT CIBP @ 915'	SIZE:	5-1/2	INCHES	CEMENTED WITH	H: 100	sx
		TOC:	2400	-	FEET DETERMINED BY:	Temp. S	urvey
CIBP		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	2820	FEET		
		5. PERFC	RATIONS				
				2680 (BEBEORAT)	FEET TO:	2955	FEET
				(FERTORAL)	PERFORATED"	DICATE WHICH	
					PERFORATED IN A)?
					ED INTERVALS AND ENT OR PLUG(S) US		NONE
				·			······································
						FORM C-108 SECTION VI	
	CUT OFF 5-1/2" CSG @ 2110'				AF	PPLICATION FOR AUTHO	RIZATION
	6 SXS CMT					Parker & Parsiey	
	GRAVEL FROM TD TO 2525'					Development L.P WATER INJECTION V	
5-1/2"	2795'					TABULATION OF WELL	L DATA

Parker & Parsley Development L.P.

LUSK DEEP "A"

OPERA	TOR		LEASE			
	15	1651' FNL & 330' FEL	SEC-20	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUCING OIL AND GAS	WELL	SPUD DATE:	11/22/88	
	SCHEMATIC	1. SUFACE CAS	ING	TABULAR DATA		
		SIZE:13-3	3/8 INCHES	CEMENTED WITH:	1000	sx
		тос: Surfa	ice	FEET DETERMINED BY:	Circulated	
13-3/8"	828	HOLE SIZE:	17-1/2	INCHES		
		2. INTERMIDIATI	E CASING			
		SIZE: 8-5	/8 INCHES	CEMENTED WITH:	700	sx
		TOC: 2370	••	FEET DETERMINED BY:	Temp. Survey	
		HOLE SIZE:	12-1/4	INCHES		
8-5/8	4500	3. LONG STRING	;		•	
		SIZE:5-1.	/2 INCHES	CEMENTED WITH:	600	sx
		TOC: <u>4690</u>	· · · - · - · - · · - · · · · ·	FEET DETERMINED BY:	Temp. Survey	
		HOLE SIZE:	7-7/8	INCHES		
		4. TOTAL DEPTH	i: <u>7220</u>	FEET		
		. 5. PERFORATIO	NS 6468	FEET TO:	6478 FEE	т
			(PERFORAT	ED OR OPEN HOLE; INDIC		
	PERFS 6468'-6478 4 SXS CMT CIBP @ 70			"PERFORATE		
	PERFS			;	FORM C-108 SECTION VI	
	6468'-6478 4 SXS CM			APPLICATIO	N FOR AUTHORIZATION TO INJECT	I
	CIBP @ 70				ker & Parsley elopment L.P.	
	5-1/2" 7220'			201	b	

WATER INJECTION WELL TABULATION OF WELL DATA

Parker & Parsley Development L.P.

LUSK DEEP UNIT "A"

OPERA	PERATOR					LEASE	A			
	WELL				EL		T-19-S TOWNSHIP		R-32-E	
	TYPE OF	WELL:	PF	RODUCING OIL AI	ND GAS WE	LL_	SPUD DATE:	10/5/62	RE-ENTRY	3/13/88
	SCH	EMATI	С	1. SUFA	CE CASING		TABULAR DATA			
		1 '		SIZE:	13-3/8	INCHES	CEMENTED WITH:		1180	sx
				TOC:	Surface		FEET DETERMINED BY:		Circulated	
13-3/8"			822'	HOLE SIZE	:	17-1/2	INCHES			
				2. INTER	MIDIATE CA	ASING				
		į		SIZE:	9-5/8	INCHES	CEMENTED WITH:		2365	sx
				TOC:	Surface		FEET DETERMINED BY:		Circulated	
			4226'	HOLE SIZE	:	12-1/4	INCHES			
9-5/8"			4226'	3. LONG	STRING		NOTE: 6/88 CUT AND PULI	_ED 7185' OF	F 4-1/2 CSG	
				SIZE:	4-1/2	INCHES	CEMENTED WITH:		300	sx
				TOC:	10000		FEET DETERMINED BY:		Circulated	
			DEDEG	HOLE SIZE	i:	7-7/8	INCHES			
			PERFS 6462'-6472'	4. PROD	UCTION STI	RING				
5-1/2	321		7165'	SIZE:	5-1/2	INCHES	CEMENTED WITH:		500	sx
			CUT OFF 4-1/2 @ 7185'	CSG TOC:	5595	i	FEET DETERMINED BY:		Calculated	
				HOLE SIZE	::	7-7/8	INCHES			
				5. TOTA	L DEPTH:	11531	FEET			
				6. PERF	DRATIONS	6462	5557.70	6472		
							FEET TO: ED OR OPEN HOLE; INDIC "PERFORATE	CATE WHICH		EET
								FORM C		
		o	5 SXS CMT DRG. PERFS 1430'-11470' (CM	IENTED)			APPLICAT		AUTHORIZATI	ON
		***************************************						arker & F	_	
4-	1/2"		11531				De	evelopm	ent L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

Parke	er & Parsley								
	lopment L.P.				LUSK DE	EP "A"			
OPERAT	TOR				LEASE				
	21	990' FS	SL & 660' FEL		SEC-20	T-19-S	R-32-	E	
	WELL NO.		E LOCATION		SECTION	TOWNSHII			
	TYPE OF WELL:	PRODU	JCING OIL AN	ND GAS WE	LL	SPUD DAT	E: 1997		
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA			
			SIZE:	13-3/8	INCHE	S CEMENTED WITH:	67	5	SX
			TOC:	Surface	·	FEET DETERMINED BY:	Circu	ulated	
13-3/8"		850'	HOLE SIZE:	:	17-1/2	INCHES			
	3.		2. INTERI	MIDIATE CA	ASING				
			SIZE:	8-5/8	INCHE	S CEMENTED WITH:	132	25	sx
			TOC:	Surface		FEET DETERMINED BY:	Circu	ulated	
			HOLE SIZE:		12-1/4	INCHES			
8-5/8	963 . 963	4050'	3. LONG	STRING					
			SIZE:	5-1/2	INCHE	S CEMENTED WITH:	153	30	sx
			TOC:	Surface		FEET DETERMINED BY:	Circu	ılated	
			HOLE SIZE:		7-7/8	INCHES			
			4. TOTAL	DEPTH:	720	D FEET			
			5 PERFO	RATIONS					
			0		646	0 FEET TO:	6480	FEET	
					(PERFORA	TED OR OPEN HOLE; INI			
						"PERFORA"	TED"		
							FORM C-108		
		TBG@ 6723'					SECTION VI		
		PERFS				APPLICA1	TION FOR AUTHOR	RIZATION	
		6460'-6480'					TO INJECT		
						P	arker & Parsley	,	
		7200'					ovolonment I. P		

WATER INJECTION WELL

Development L.P.

LBERTSON-IRWIN	INC.			LYNCH		
RATOR				LEASE		
4	660' FSL & 6	60' FEL		SEC-20	T-19-S	R-32-E
WELL NO.	FOOTAGE LOC	CATION	-	SECTION	TOWNSHIP	RANGE
TYPE OF WELL:	DRY HOLE			_	SPUD DATE:	10/30/43
SCHEMATIC					TABULAR DATA	
988 look 1 1996	93 2	1. SUFAC	E CASING			
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	UNKNOWN
		TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
		HOLE SIZE:		UNKNOWN	INCHES	
		2. INTERI	MIDIATE CA	ASING		
		SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN
		TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
		HOLE SIZE:		UNKNOWN	INCHES	
		3. LONG	STRING			•
		SIZE	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN
		TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
		HOLE SIZE:		UNKNOWN	INCHES	
		4. TOTAL	. DEPTH:	2820	FEET	
		5. PERFC	RATIONS			
	•			UNKNOWN (PERFORAT	FEET TO UN ED OR OPEN HOLE; INDI	
		6 HAS T	HE WELLE	VER REEN	PERFORATED" PERFORATED IN AN	Y OTHER ZONE(S)?
- 192					ED INTERVALS AND	• •
ROM: DOWNS OIL ANI 1424 PAIG		ETAII	L, I.E. SAC	KS OF CEM	ENT OR PLUG(S) USI	ED
HOBBS, N.M., 8					UNKNOWN	
WELLS DOULED BAC	K IN THE 404010					
WELLS DRILLED BAC	N IN THE 1940'S	 				FORM C-108
HAT WERE ON FEDER	AL LAND WERE					SECTION VI
OT REQUIRED TO FU	RNISH THE OCD				APPLICA	TION FOR AUTHORIZATION TO INJECT
TITH COPIES OF THE F	PUGGING LOG.					Parker & Parsley Development L.P.
O ALL THAT IS AVAIL	ABLE IS THE				WA	TER INJECTION WELL
NFORMATION ON THE	SCOUT TICKET.				TABL	JLATION OF WELL DATA

KERSEY & CO.				ATLANTIC			
OPERATOR				LEASE			
1	165	50' FSL & 990	' FWL	SEC-21	T-19-S	R-32-E	
WELL NO.	FOO	TAGE LOCATION	ON	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	DR	Y HOLE		_	SPUD DATE:	9/18/5	i9
SCHEMATIC							
CEMENT MARKER		1 SHEAC	E CASING		TABULAR DATA		
	·	1. 001 A0	L CASING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	60	sx
		TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOW	1
		HOLE SIZE:		UNKNOWN	INCHES		
		2. INTERN	MIDIATE C	ASING			
	FILLED WITH MUD	SIZE:	PULLED	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
		HOLE SIZE:		N/A	INCHES		
		3. LONG	STRING				
		SIZE:	PULLED	INCHES	CEMENTED WITH:	N/A	SX
		TOC:	N/A		FEET DETERMINED BY:	N/A	
8-5/8"	917'	HOLE SIZE:		N/A	INCHES		
	10 SXS CMT, PLUG	4. TOTAL	DEPTH:	2710	FEET		
		5. PERFO	RATIONS				
				N/A (PERFORATI	FEET TO:	N/A CATE WHICH)	FEET
		LIST A	LL SUCH F	VER BEEN PERFORATE	PERFORATED IN ANY D INTERVALS AND G ENT OR PLUG(S) USE	/ OTHER ZONE(S)? IVE PLUGGED	
	FILLED WITH MUD						
						· · · · · · · · · · · · · · · · · · ·	
						FORM C-108 SECTION VI	
					APPI	LICATION FOR AUTHOR	IZATION
						Parker & Parsley Development L.P.	

WATER INJECTION WELL

SHAC	CKELFORD	OIL			LYNCH		
OPERA	TOR				LEASE		
	1	660' FSL & 6	60' FWL		SEC-21	T-19-S	R-32-E
	WELL NO.	FOOTAGE LOC	ATION		SECTION	TOWNSHIP	RANGE
	TYPE OF WELL	_: PLUGGED 8	ABANDON	ED		SPUD DATE:	12/18/41
			· · · · · · · · · · · · · · · · · · ·		-	-	
	SCHEMA'	TIC				TABULAR DATA	
	OUTEMA	,,,	1. SUFAC	E CASING			
			SIZE:	8-1/4	INCHES	CEMENTED WITH:	50
			OILL.				
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
8-1/4"		920'	HOLE SIZE:		UNKNOWN	INCHES	
		323	2 INTEDA	MIDIATE CA	SING		
			2. IIVI LIKI		131113		
			SIZE:	7	INCHES	CEMENTED WITH:	100
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
					··· = ·· ·	_	· · · · · · · · · · · · · · · · · · ·
			HOLE SIZE:		UNKNOWN	INCHES	
			3. LONG	STRING			
	7"	2696'	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN
			T 00			_	
			100:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
			HOLE SIZE:		UNKNOWN	INCHES	
	7"	2696'	4. TOTAL	DEPTH:	2751	FEET	
			- DEDEO	DATIONO	***************************************		
			5. PERFO	RATIONS	UNKNOWN	FEET TO U	IKNOWN FEET
					(PERFORAT	ED OR OPEN HOLE; INDI	CATE WHICH)
			6. HAS TH	IE WELL E	VER BEEN	PERFORATED" PERFORATED IN AN	Y OTHER ZONE(S)?
	M. DOMAIO C	AND DESCAPOU				ED INTERVALS AND (
FRC		OIL AND RESEARCH I PAIGE	EIAIL	., i.E. SACF	S OF CEM	ENT OR PLUG(S) USI	<u></u>
	HOBBS, N	N.M. , 88240				UNKNOWN	
w	ELLS DRILLE	D BACK IN THE 1940'S					
TUA	T WEDE ON	FEDERAL LAND WERE					FORM C-108
104	NI WERE ON	FEDERAL LAND WERE					SECTION VI
NOT	REQUIRED 1	TO FURNISH THE OCD				APPLICA	TO INJECT
WIT	H COPIES OF	THE PUGGING LOG.					Parker & Parsley
SO.	SI TAHT IIA	AVAILABLE IS THE					Development L.P.
						WA	TER INJECTION WELL
INF	ORMATION O	N THE SCOUT TICKET.	1			TARI	JLATION OF WELL DATA

SHACKELFORD OIL PLAINS FEDERAL OPERATOR LEASE 710' FSL & 660' FWL SEC-21 T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP RANGE WELL NO. TYPE OF WELL: PRODUCING OIL AND GAS WELL 1/4/64 SPUD DATE: TABULAR DATA 1. SUFACE CASING SCHEMATIC SIZE: 13-3/8 INCHES CEMENTED WITH: 750 sx TOC: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 17-1/2 INCHES 13-3/8" 2. INTERMIDIATE CASING 700 SIZE: 10-3/4 INCHES CEMENTED WITH: SX TOC: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 12-1/4 INCHES 10-3/4" 2662 3. INTERMIDIATE CASING SIZE: 8-5/8 INCHES CEMENTED WITH: 250 sx 3500 FEET DETERMINED BY: Temp. Survey TOC: HOLE SIZE: 9-7/8 INCHES 4. LONG STRING 5-1/2 INCHES CEMENTED WITH: 8-5/8" 200 SIZE: SX 10714 FEET DETERMINED BY: Calculated TOC: HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS FEET 11435 FEET TO: 11479 (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" **FORM C-108** SECTION VI APPLICATION FOR AUTHORIZATION PERFS TO INJECT 11435'-11479' Parker & Parsley Development L.P. 11514 5-1/2"

WATER INJECTION WELL TABULATION OF WELL DATA

SHACKELFORD OI OPERATOR	<u>L</u>			PLAINS FEDE	ERAL		
UPERATOR				LEASE			
	1930' FSL 8	660' FWL		SEC-21	T-19-S	R-32-E	
WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PLUGGED	& ABANDON	ED	-	SPUD DATE:	9/12/63	
SCHEMATIC				TA	ABULAR DATA		
		1. SUFAC	E CASING				
	25 SXS CMT 35'-SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	725	sx
		TOC:	Surface	FE	ET DETERMINED BY:	Circulated	
13-3/8"	831'	HOLE SIZE:		17-1/2	INCHES		
	150 SXS CMT @723'-930'	2. INTERN	MIDIATE C	ASING			
		SIZE:	9-5/8	INCHES	CEMENTED WITH:	1000	sx
	2000 SXS CMT	TOC:	Surface	FE	ET DETERMINED BY:	Circulated	
	@2336'-2445'	HOLE SIZE:		11	INCHES		
		3. LONG	STRING				
9-5/8"	4290'	SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A	FEFE	ET DETERMINED BY:	N/A	
		HOLE SIZE:			INCHES		
		4. TOTAL	DEPTH:	11517	FEET		
		5. PERFO	RATIONS	NI/A	5557.70	N1/A ===	
					FEET TO: OR OPEN HOLE; INDICATERFORATED"		ET
		6. HAS TH	HE WELL E		RFORATED IN ANY	OTHER ZONE(S)?	
	LOADED HOLE WITH MUD TO 2445'				INTERVALS AND GIV T OR PLUG(S) USED.	· - -	ONE
						FORM C-108 SECTION VI	
					ADDI IC	CATION FOR AUTHORIZATI	ION

APPLICATION FOR AUTHORIZATION TO INJECT

Parker & Parsley
Development L.P.

WATER INJECTION WELL

	∦ 9	♦ 1 3 4	2, %
18 13• +1 +1	17 ••11	1. 45 ·2 16 /16 42 /1	3-B 1 1 5 3-A 1-B 5-A 5
2	1	• 1	2-B• # 2-A
ф1 ф3 ф3	19• 17▼ √ 3 •22 ▼ ¹² 15•	• 1	ø 1 → 2
φ: φ ² φ ⁵	A 20 LUSK DEEP UNIT 'A' 7 LUSK DEEP UNIT 'A' UNIT 'A' UNIT 'A'	21 32 V ⁴	•: 22
19 ×6	LUSK DEEP LUSK DEEP 21 4 LUSK DEEP 14 LUSK DEEP 14	4FEDERAL X	2 ●
•1	SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL 10 FEDERAL	1 • 2	• i • 1
30 •2 •4 •4	SI CAILF FEDERAL 5 3 5 4	• 2 28 3-Y × 5	27
1 • 2 •	6 V 4 12 13 SU CAIL FEBRAL	≠ 10	ø 1 •4
1 • • 1 • · · · · · · · · · · · · · · ·	•4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	² ₩ ₇	
31	32 •i •• 5 • 5	33	34 +1

Parker & Parsley
Development I. P.

PERAIC	Deve	opment L.P	•		LEASE:	LUSK DEEP UNIT "A	V		<u></u>
VELL NO	14	330' FSL 8	1980' FEL		SEC-20	T-19-S		R-32-E	
								RANGE	 -
	SCHEMATIC					WELL CONSTRUCT	ION DATA		
			1. SUFAC	E CASING					
				42.2/0				4000	
13-3/8"		843'	SIZE:	13-3/6	INCHES	CEMENTED WITH:		1000	sx
			TOC:	Surface		FEET DETERMINED BY:		Circulated	
			HOLE SIZE:		17-1/2	INCHES			
			2. INTERN	MIDIATE CA	SING				
8-5/8"		4500'	SIZE:	8-5/8	INCHES	CEMENTED WITH:		1700	sx
• • • •			TOC:	Surface		FEET DETERMINED BY:		Circulated	
	PKI G38		110) E 017E.		12 1/4	MOUES			
			HOLE SIZE:		12-1/4	INCHES			
			3. LONG S	STRING					
			SIZE:	5-1/2	INCHES	CEMENTED WITH:		850	sx
			TOC:	2320		EEFT DETEDMINED DV.	т	omp Survey	
						FEET DETERMINED BY:	<u>.</u>	emp. Survey	
			HOLE SIZE:		7-7/8	INCHES			
			4. INJECT			6452 FEET TO:			
	⊠ ⊠ PKI	R @			•	ED OR OPEN HOLE; INC ERFORATED"	DICATE WHICH	- 1)	
	638	30							
	PEF	RFS	5. TOTAL	DEPTH:	· · · · · · · · · · · · · · · · · ·	7200 FEET			
	645	2-6459	6. TUBING	SIZE					
5-1	—	9'	SIZE:	2-7/8	INCHES	LINED WITH:	IPC 505 -	PLASTIC COATING	
				ADDOM	ET 4 VO T			6300	
			SET IN A:	ARROW S	ET 1-X5, F	PACKER AT	l:	6380 FEET:	
OTHER D	ΔΤΔ								
, , , , , , , , , , , , , , , , , , ,									
A.	IS THIS A NEW WEL	L DRILLED FOR IN	JECTION?		YES	XNO			
	IF NO, FOR WHAT P	URPOSE WAS THE	WELL ORIG	INALLY DRILL	ED?	PRODUC	ING OIL AN	ID GAS WELL	
В.	NAME THE INJECTION	ON FORMATION:		6400' SAN	D (BRUSH	Y CANYON)			
C.	NAME THE FIELD O	R POOL (IF APPLIC	CABLE)		LUSK WE	ST (DELAWARE)			
D.	HAS THE WELL EVE DETAIL, I.E. SACKS				(S)? LIST AL NO	L SUCH PERFORATED IN	ITERVALS AN	D GIVE PLUGGED	
	DETAIL, I.E. CHOIC	or oriment on	200(0) 002.	~ <u></u>					
				·	 				
E.	GIVE THE NAME(S)	AND DEPTH(S) OF	ANY OVER	OR UNDERLYI	NG OIL OR G	AS ZONES IN THIS AREA	\:	17. 7	
	1. YATES 2600'	-2800'	WATKINS			5. STRAWN 11000'	-11200'	LUSK STRAWN OIL	
			N.E. LUSK			6. ATOKA 11200'-1	1400'	LUSK ATOKA GAS	
	0.051.004.05	10001 74001			-				
	2. DELAWARE	4600'-7100'	LUSK DE	DELAWARE LAWARE		7. MORROW 11500	7-12000	LUSK MORROW GAS N.W. LUSK MORROV	
	3. BONE SPRIN	ב פאחרי פחברי	MATURIO	BONE SPF	DING			N. LUSK MORROW (
	S. BUINE SPRIN	G 0200-090U	LUSK BO	NE SPRING		-		FORM C-108	
				BONE SPRI		-	APPL	SECTION III ICATION FOR AUTHORIZA	TION
						-		TO INJECT Parker & Parsiey	
	4. WOLF CAMP	10100'-10700'		NOLFCAMP O				Development L.P. WATER INJECTION WELL	
				WOLFCAME		- -			

Parker & Parsley LEASE: SOUTHERN CAILFORNIA FEDERAL Development L.P. OPERATOR: 660' FNL & 660' FEL T-19-S WELL NO 11 **SEC-29** R-32-E **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES 675 SIZE: CEMENTED WITH. SX 13-3/8 TOC: FEET DETERMINED BY: Circulated 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 775 SIZE: INCHES CEMENTED WITH: SX 8-5/8 Surface Circulated FEET DETERMINED BY: TOC: 11 **INCHES** 3. LONG STRING 1265 SIZE: 5-1/2 INCHES CEMENTED WITH: SX Circulated TOC: Surface FEET DETERMINED BY: 7-7/8 HOLE SIZE: INCHES 6450 4. INJECTION INTERVAL **6425** FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ Ø 2 "PERFORATED" 6360 7200 FEET 5. TOTAL DEPTH: **PERES** 6425'-6450' 6. TUBING SIZE 7200 5-1/2" 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SIZE: 6360 SET IN A: ARROW SET 1-XS, PKR PACKER AT: FEET: OTHER DATA X YES IS THIS A NEW WELL DRILLED FOR INJECTION? NO N/A IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA. 1. YATES 2600'-2800' WATKINS YATES 5. STRAWN 11000'-11200' **LUSK STRAWN OIL** N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING **FORM C-108** SECTION III S. LUSK BONE SPRING E. LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL APPLICATION FOR AUTHORIZATION TO INJECT Parker & Parsley Development L.P. WATER INJECTION WELL

Parker & Parsley

OPERATOR:	Development L.F		LEASE:	SOUTHE	RN CAILFORNIA	FEDERA	AL	
WELL NO	10 1980' FNL	& 1980' FE	L SEC-29		T-19-S	R	-32-E	
					TOWNSHIP	RA	INGE	
				WELL C	ONSTRUCTION I	DATA		
		1. SUFACI	E CASING					
13-3/8"	850'	SIZE:	13-3/8 INCHE	S CEME	ENTED WITH:		675	sx
13-3/8	850'	TOC:	Surface	FEET DET	ERMINED BY:	Ci	irculated	
		HOLE SIZE:	17-1/2		INCHES			
					· ·			
	4050		IIDIATE CASING					
8-5/8"	4050'	SIZE:	8-5/8 INCHE	S CEME	ENTED WITH:		775	SX
		TOC:	Surface	_FEET DET	ERMINED BY:	Ci	irculated	
		HOLE SIZE:	11		INCHES			
	A050' PERES	3. LONG S	STRING					
		SIZE:	5-1/2 INCHE	S CEME	ENTED WITH:		1265	SX
		TOC:	Surface	FEET DET	ERMINED BY:	Ci	irculated	
			7-7/					
			ION INTERVAL			6.	450 reet	
:	D D PKR @	4. 1110201	(PERFORA	TED OR OPE	EN HOLE ; INDICATE			
	6360'		"P	ERFORA	TED"			
	PERFS 6425'-6450'	5. TOTAL	DEPTH:	7200	FEET			
	6425'-6450'	6. TUBING	SIZE					
5-1/2" 4	7200'	SIZE:	2-7/8 INCHES	LINED WIT	TH: IPC	505 - PL	ASTIC COATING	<u></u>
		SET IN A:	ARROW SET 1-XS,	PKR	PACKER AT:	6	360 FEET:	
OTHER DATA								
A. IST	HIS A NEW WELL DRILLED FOR IN	IJECTION?	X YES		NONO			
IF N	IO, FOR WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILLED?		N/A			
B. NAI	ME THE INJECTION FORMATION:	·	6400' SAND (BRUS	HY CANYO)NI)			
								
	ME THE FIELD OR POOL (IF APPLIC	·	LUSK W					
	S THE WELL EVER BEEN PERFOR TAIL, I.E. SACKS OF CEMENT OR I			ALL SUCH PE	ERFORATED INTERV	ALS AND G	SIVE PLUGGED	
E. GIV	E THE NAME(S) AND DEPTH(S) OF	ANY OVER (OR UNDERLYING OIL OR	GAS ZONES	S IN THIS AREA:			
1.	YATES 2600'-2800'	WATKINS	YATES	5. STRA	.WN 11000'-1120)0' L	USK STRAWN O	I L
		N.E. LUSK		6 ATOK	(A 11200'-11400'	1	USK ATOKA GAS	
2	DELAMARE 4000' 7400'		DELAWARE				· · · · · · · · · · · · · · · · · · ·	
<u>Z.</u>	DELAWARE 4600'-7100'	LUSK DEI		7. MORI	ROW 11500'-120	N	.USK MORROW (N.W. LUSK MORR	ROW GAS
3.	BONE SPRING 8200'-8950'	WATKINS	BONE SPRING		•	<u> </u>	N. LUSK MORROV	W GAS
			NE SPRING BONE SPRING	_			FORM C-108 SECTION III	
			BONE SPRING	_		APPLICA	ATION FOR AUTHOR	IZATION
A	WOLF CAMP 10100'-10700'	LUSK WC	OLECAMP OII				Parker & Parsley Development L.P.	
-4 .	10100 10100	E. LUSK \	WOLFCAMP OIL			WA	ATER INJECTION WE	:LL
		S. LUSK \	WOLFCAMP OIL					

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: LUSK DEEP UNIT "A" **OPERATOR:** 660' FEL & 2310' FSL WELL NO 20 SEC-20 T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP RANGE **SCHEMATIC WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES CEMENTED WITH: 900 SIZE: SX 13-3/8" FEET DETERMINED BY: Circulated TOC: 17-1/2 INCHES HOLE SIZE: 2. INTERMIDIATE CASING CEMENTED WITH: 8-5/8 INCHES 2350 FEET DETERMINED BY: Circulated Surface TOC: 12-1/4 _____INCHES HOLE SIZE: 3. LONG STRING INCHES 5-1/2 800 CEMENTED WITH: SX 3030 Temp. Survey FEET DETERMINED BY: TOC: 7-7/8 **INCHES** 6487 4. INJECTION INTERVAL 6469 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ "PERFORATED" **PERFS** 7230 FEET 5. TOTAL DEPTH: 6469'-6487' CIBP CIBP 6800 6. TUBING SIZE 7230 5-1/2" SIZE 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING ARROW SET 1-XS, PKR PACKER AT: 6400 FEET: SET IN A: OTHER DATA Χ YES IS THIS A NEW WELL DRILLED FOR INJECTION? PRODUCING OIL AND GAS WELL IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) B. NAME THE INJECTION FORMATION: LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. PERFS 7050'-7154, SET CIBP, WITH 4 SK. CMT. ON TOP AT 6800' GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. 5. STRAWN 11000'-11200' WATKINS YATES LUSK STRAWN OIL 1. YATE\$ 2600'-2800' N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS

2. DELAWARE 4600'-7100'

W. LUSK DELAWARE

LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

LUSK DELAWARE

3. BONE SPRING 8200'-8950' WATKINS BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

LUSK MORROW GAS

N.W. LUSK MORROW GAS N. LUSK MORROW GAS

7. MORROW 11500'-12000'

Parker & Parsley Development L.P.

LUSK DEEP "A"

OPERAT	OR .			LEASE					
	21	990' FSL & 660' FEL		SEC-20		T-19-S	R-32-E		
	WELL NO.	FOOTAGE LOCATION		SECTION		TOWNSHIP			
	TYPE OF WELL:	PRODUCING OIL AN	ID GAS WE	<u>LL</u>	_	SPUD DATE	:1997		
	SCHEMATIC	1. SUFAC	E CASING		TABULAR	DATA			
		SIZE:	13-3/8	INCHES	CEMENTED V	VITH:	675		SX
		TOC:	Surface		FEET DETERI	MINED BY:	Circula	ted	
13-3/8"		₹ 850' HOLE SIZE:		17-1/2	 	INCHES			
		2. INTERN	MIDIATE CA	ASING					
		SIZE:	8-5/8	INCHES	CEMENTED V	VITH:	1325		sx
		TOC:	Surface		FEET DETERI	MINED BY:	Circula	ted	
				12-1/4		INCHES			
8-5/8	40	3. LONG \$	STRING						
	44	SIZE:	5-1/2	INCHES	CEMENTED V	VITH:	1530		sx
		TOC:	Surface		FEET DETER	MINED BY:	Circula	ted	
		HOLE SIZE:		7-7/8		INCHES			
		4. TOTAL	DEPTH:	7200		FEET			
		5. PERFO	RATIONS	0.400			0.400		
				6460 (PERFORAT		FEET TO: HOLE : INDI	6480	FEET	
				•		RFORAT			
							FORM C-108		
	TB	G@ 6723'					SECTION VI		
					Α	PPI ICATI	ON FOR AUTHORIZ	'ATION	
	TB0	:RFS 60'-6480'					TO INJECT		
	TB0	00'					arker & Parsley evelopment L.P.		
5	-1/2"	·= =				שכ	velopilielit L.P.		

WATER INJECTION WELL

Parker & Parsley

Devel	opment L.P.				LUSK DEE	P UNIT "A"		
OPERA1	OR				LEASE			
	7	1650' FSL & 9	90' FWI		SEC-20	T-19-S	R-32-F	
	WELL NO.	FOOTAGE LOCA			SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PLUGGED &	ABANDON	ED	_	SPUD DATE:	2/11/6	54
	SCHEMATIC					TABULAR DATA		
	200 2000	10 SXS CMT	1. SUFAC	E CASING				
		@ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	775	sx
			TOC:	Surface		FEET DETERMINED BY:	Circula	ted
13-3/8"		25 SXS CMT 700'-800' 762'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERMIDIATE CA		ASING			
			SIZE:	8-5/8	INCHES	CEMENTED WITH:	2350	sx
		25 SXS CMT 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circula	ted
			HOLE SIZE:		12-1/4	INCHES		
		35 SXS CMT 3774'-3874'	3. LONG S	STRING				
8-5/8		3796'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	600	SX
			TOC:	7600		FEET DETERMINED BY:	Temp. Su	rvey
		25 SXS CMT 6300'-6400'	HOLE SIZE:		7-7/8	INCHES		
		STUB 4-1/2" CSG @ 6500'	4. TOTAL	DEPTH:	11467	FEET		
			5. PERFO	RATIONS	11371	FEET TO:	11422	FEET
						ED OR OPEN HOLE; INDIC PERFORATED"		_
	СІВР	OPEN HOLE	LIST AI	LL SUCH P	ERFORATE	PERFORATED IN AN' ED INTERVALS AND G ENT OR PLUG(S) USE	IVE PLUGGED	NONE
					-			
		CUT 4-1/2" CSG					FORM C-108 SECTION VI	
		25 SXS CMT 10920'-11000'				АРР	LICATION FOR AUTHOR	RIZATION
	CIBP	CIBP @ 11000'					Parker & Parsley Development L.P.	
		PERFS @ 11371' - 11422'					WATER INJECTION W	ELL
4-1	/2"	11467'				1	ABULATION OF WELL	DATA

Parker & Parsley

Development L.P.

SOUTHERN CALIFORNIA FEDERAL

	- pe				000171211	TO THE OTHER TENE	7012	
OPERAT	OR				LEASE			
	2	990' FNL & 9	990' FWL		SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LO			SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PLUGGED 8	& ABANDON	ED	_	SPUD DATE:	3/15/63	<u> </u>
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA		
		10 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	900	sx
		25 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		@ 700'-800' 827'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERN	MIDIATE CA	SING			
		25 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2500	sx
		@ 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		11	INCHES		
8-5/8		4490'	3. LONG	STRING				
		35 SXS CMT @ 4497'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
		25 SXS CMT	TOC:	10100		FEET DETERMINED BY:	Temp. Survey	
		4-1/2" STUB @ 6497'	HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	11406	FEET		
			5. PERFO	RATIONS				
					11330 (PERFORATI	FEET TO: ED OR OPEN HOLE; INDI	11340 FEET CATE WHICH)	
			C UACTI	JE WELLE	VED DEEN	PERFORATED" PERFORATED IN AN	V OTUER ZONE(S)2	
						ED INTERVALS AND C		
			DETAIL	_, I.E. SAC	S OF CEM	ENT OR PLUG(S) USE	ED. NONE	
							FORM C-108	
							SECTION VI	
						APPLICA	TION FOR AUTHORIZATION TO INJECT	
	2"	25 SXS CMT					Parker & Parsley Development L.P.	
		PERFS 11330'-11340'				WA	TER INJECTION WELL	
4-1/	2"	11406				TABL	JLATION OF WELL DATA	

CULBERTSON-IRWIN IN	NC.		LYNCH		·	
OPERATOR			LEASE			
4	660' FSL & 660' FEL		SEC-20	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	•
TYPE OF WELL:	DRY HOLE		-	SPUD DATE:	10/30/43	
SCHEMATIC	1. SUFAC	CE CASING		TABULAR DATA		
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	UNKNOWN	sx
	TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
	. HOLE SIZE	:	UNKNOWN	INCHES		
	2. INTER	MIDIATE CA	ASING			
	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
	TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
	HOLE SIZE	:	UNKNOWN	INCHES		
	3. LONG	STRING				
	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
	TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
	HOLE SIZE	:	UNKNOWN	INCHES		
	4. TOTAL	DEPTH:	2820	FEET		
	5. PERFO	DRATIONS				
	•		UNKNOWN	FEET TO UN		
			(PERFURATI	ED OR OPEN HOLE; INDI PERFORATED"	CATE WHICH)	
				PERFORATED IN AN		
FROM: DOWNS OIL AND I	_			ED INTERVALS AND (ENT OR PLUG(S) USE		
1424 PAIGE	ALOLANOII LIA	E, I.E. OAG	(O O. OLIII.		-0 <u> </u>	
HOBBS, N.M. , 882	240			UNKNOWN		
WELLS DRILLED BACK	IN THE 1940'S					
THAT WERE ON FEDERA	L LAND WERE				FORM C-108 SECTION VI	
NOT REQUIRED TO FURN	IISH THE OCD			APPLICA	TION FOR AUTHORIZATION	l
WITH COPIES OF THE PU	GGING LOG.				Parker & Parsley Development L.P.	
SO ALL THAT IS AVAILAE	BLE IS THE			WA	TER INJECTION WELL	
INFORMATION ON THE S	COUT TICKET.			TABL	JLATION OF WELL DATA	

Parker & Parsley

Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR			LEASE				
		990' FNL & 1900' FEL			T-19-S			
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP			
	TYPE OF WELL:	PRODUCING OIL AND	J GAS WE	LL	SPUDDATE	:4/10	0/88	
	SCHEMATIC	1. SUFACE	CASING		TABULAR DATA			
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	722	2	sx
		TOC:	Surface		FEET DETERMINED BY:	Circu	lated	
13-3/8"	908,	HOLE SIZE:		17-1/2	INCHES			
		2. INTERM						
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	270	0	sx
		TOC:	Surface		FEET DETERMINED BY:	Circu	lated	
		HOLE SIZE:		12-1/4	INCHES			
8-5/8'		3. LONG S	TRING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	800)	sx
		TOC:	2280		FEET DETERMINED BY:	Cmt Bor	nd Log	
		HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL	DEPTH:	7200	FEET			
		5. PERFOR	RATIONS	6446	FEET TO:	6452	FEET	
					ED OR OPEN HOLE; IND	CATE WHICH)		
					- 2 0.0			
	TBG@ 65	03'				FORM C-108 SECTION VI		
	TBG@ 65 PERFS 6446'-64:	52'			APPLICATI	ON FOR AUTHOR TO INJECT	IZATION	
5-	1/2" 7192'					arker & Parsley evelopment L.P.		

WATER INJECTION WELL

Parker & Parsley Development I P

SOUTHERN CALIFORNIA FEDERAL

	iopment L.P.					IN CALIFO	RNIA FEDE	RAL		
OPERA	TOR				LEASE					
	1	1980' FN	IL & 660' FEI	<u>.</u>	SEC-29		T-19-S	R-32	:-E	
	WELL NO.		LOCATION		SECTION		TOWNSHIP			
	TYPE OF WELL:	PRODUC	CING OIL AN	ID GAS WE	LL	-	SPUD DATE:	3/	23/62	
	SCHEMATIC		4 611546	E CASING		TABULAF	R DATA			
			SIZE:	13-3/8	INCHES	CEMENTED	WITH:	9	50	sx
13-3/8"		826'	TOC:	Surface		FEET DETE	RMINED BY:	Circ	ulated	
10-310		. 020	HOLE SIZE:	•	17-1/2		INCHES			
			2. INTER	MIDIATE CA	SING					
			SIZE:	9	INCHES	CEMENTED	WITH:	27	725	sx
			TOC:	Surface		FEET DETE	RMINED BY:	Circ	ulated	
			HOLE SIZE:		12-1/4		INCHES			
9	2221 1229	3947'	3. LONG	STRING						
			SIZE:	5-1/2	INCHES	CEMENTED	WITH:	21	140	sx
			TOC:	2450		FEET DETE	RMINED BY:	est. top o	of cmt sqz.	
			HOLE SIZE:		7-7/8		INCHES			
			4. TOTAL	DEPTH:	12834		FEET			
			5. PERFO	RATIONS	0440			0.450		
					6448 (PERFORAT		_ FEET TO: I HOLE : INDI	6458 CATE WHICH)	FEET	
					`		ERFORAT	· ·		
	222!	RFS 48'-6458'								
	RE1	TD CMT @ 6850' T @ 7812' I 50 SXS								
								FORM C-108		
		「@ 11292' 60 SXS						SECTION VI		
	PE	RFS 110'-11430'					APPLICATI	ON FOR AUTHO	RIZATION	
	PEI 114						Pa	rker & Parsle	v	
5-	.1/2" 12	'834'						velopment L.	_	

WATER INJECTION WELL

Parker & Parsley

Development L.P.

OPERATOR

LUSK DEEP UNIT "A"

OPERA	TOR				LEASE				
	4	1980' FSL &				T-19-S			
	WELL NO.	FOOTAGE LOC	CATION		SECTION	TOWNSHIP		RANGE	
	TYPE OF WELL:	PRODUCINO	G OIL AND	GAS WEL	<u> </u>	SPUD DATE	10/5/62	RE-ENTRY	3/13/88
	SCHEMATIC	1	. SUFACE	CASING		TABULAR DATA			
		s	IZE:	13-3/8	INCHES	CEMENTED WITH:		1180	sx
		T	oc:	Surface		FEET DETERMINED BY:		Circulated	
13-3/8"	3621 289	22' H	OLE SIZE:	·	17-1/2	INCHES			
		2	. INTERM	IDIATE CA	SING				
		S	IZE:	9-5/8	INCHES	CEMENTED WITH:		2365	sx
	422	Т	OC:	Surface		FEET DETERMINED BY:		Circulated	
		н	OLE SIZE:		12-1/4	INCHES			
9-5/8"	422	.e.,	. LONG S	TRING		NOTE: 6/88 CUT AND PUL	LED 7185' OI	F 4-1/2 CSG	
		S	IZE:	4-1/2	INCHES	CEMENTED WITH:		300	sx
	PERF 6462'	Te	oc:	10000		FEET DETERMINED BY:		Circulated	
			OLE SIZE:		7-7/8	INCHES			
	PERF 6462		. PRODU	CTION STR	RING				
5-1/2	7165'	s	IZE:	5-1/2	INCHES	CEMENTED WITH:		500	sx
	@ 71	OFF 4-1/2 CSG 85'	OC:	5595		FEET DETERMINED BY:		Calculated	
		н	OLE SIZE:		7-7/8	INCHES			
		5	. TOTAL I	DEPTH:	11531	FEET			
		6	. PERFOR	RATIONS					
					6462 (PERFORATI	FEET TO: ED OR OPEN HOLE; IND "PERFORAT			EET
						, <u>_</u> , , , , , , , , , , , , , , , , , , ,	FORM (
		CMT				APPLICAT	SECTIO ION FOR	N VI AUTHORIZATI	ON
	ORG. PE	ERFS 1470' (CMENTED)					TO INJ		
							arker & I	-	
4-	1/2" 11531	l'				D	evelopm	ent L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

A - X	SHACKELFORD OIL			PLAINS F	EDERAL				
TYPE OF WELL PRODUCING OIL AND GAS WELL SPUD DATE 1/4/64	OPERATOR			LEASE					
TYPE OF WELL: PRODUCING OIL AND GAS WELL SPUD DATE: 1/4/64									
SCHEMATIC 1. SUFACE CASING	WELL NO.	FOOTAGE LOCATION		SECTION	TOV	VNSHIP	RANGE		
13-3/8 INCHES CEMENTED WITH: 750 SX	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL_	SPU!	D DATE:	1/4/6	64	
13-3/8 INCHES CEMENTED WITH: 750 SX					TABULAR DA	ATA			
13-3/8* 10-3/4* 10-3	SCHEMATIC	1. SUFAC	E CASING						
13-3/8* 2		SIZE:	13-3/8	INCHES	CEMENTED WITH	l:	750		sx
2. INTERMIDIATE CASING SIZE: 10-3/4 INCHES CEMENTED WITH: 700 sx TOC: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 12-1/4 INCHES 3. INTERMIDIATE CASING SIZE: 8-5/8 INCHES CEMENTED WITH: 250 sx TOC: 3500 FEET DETERMINED BY: Temp. Survey HOLE SIZE: 9-7/8 INCHES 4. LONG STRING SIZE: 5-1/2 INCHES CEMENTED WITH: 200 sx TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		TOC:	Surface		FEET DETERMINE	ED BY:	Circula	ted	
3. INTERMIDIATE CASING SIZE: 8-5/8 INCHES CEMENTED WITH: 250 sx TOC: 3500 FEET DETERMINED BY: Temp. Survey HOLE SIZE: 9-7/8 INCHES 4. LONG STRING SIZE: 5-1/2 INCHES CEMENTED WITH: 200 sx TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED WITH: "PERFORATED") "PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION	2501 12591	7' HOLE SIZE:		17-1/2	1NC+	HES			
3. INTERMIDIATE CASING SIZE: 8-5/8 INCHES CEMENTED WITH: 250 sx TOC: 3500 FEET DETERMINED BY: Temp. Survey HOLE SIZE: 9-7/8 INCHES 4. LONG STRING SIZE: 5-1/2 INCHES CEMENTED WITH: 200 sx TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED WITH: "PERFORATED") "PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		2. INTERN	MIDIATE CA	SING					
3. INTERMIDIATE CASING SIZE: 8-5/8 INCHES CEMENTED WITH: 250 sx TOC: 3500 FEET DETERMINED BY: Temp. Survey HOLE SIZE: 9-7/8 INCHES 4. LONG STRING SIZE: 5-1/2 INCHES CEMENTED WITH: 200 sx TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED WITH: "PERFORATED") "PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		SIZE:	10-3/4	INCHES	CEMENTED WITH	l:	700		sx
3. INTERMIDIATE CASING SIZE: 8-5/8 INCHES CEMENTED WITH: 250 sx TOC: 3500 FEET DETERMINED BY: Temp. Survey HOLE SIZE: 9-7/8 INCHES 4. LONG STRING SIZE: 5-1/2 INCHES CEMENTED WITH: 200 sx TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED WITH: "PERFORATED") "PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		TOC:	Surface		_FEET DETERMINE	ED BY:	Circula	ted	
3. INTERMIDIATE CASING SIZE: 8-5/8 INCHES CEMENTED WITH: 250 sx TOC: 3500 FEET DETERMINED BY: Temp. Survey HOLE SIZE: 9-7/8 INCHES 4. LONG STRING SIZE: 5-1/2 INCHES CEMENTED WITH: 200 sx TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED WITH: "PERFORATED") "PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		HOLE SIZE:		12-1/4	INC	HES			
## Toc: 3500 FEET DETERMINED BY: Temp. Survey ## HOLE SIZE: 9-7/8 INCHES ## A LONG STRING ## A LONG STRING ## SIZE: 5-1/2 INCHES CEMENTED WITH: 200 SX ## Toc: 10714 FEET DETERMINED BY: Calculated ## HOLE SIZE: 7-7/8 INCHES ## IN	10-3/4" 2662	3. INTERN	/IIDIATE CA	SING					
TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		SIZE:	8-5/8	INCHES	CEMENTED WITH	l:	250		sx
SIZE: 5-1/2 INCHES CEMENTED WITH: 200 SX TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		TOC:	3500		_FEET DETERMINE	ED BY:	Temp. Su	rvey	
SIZE: 5-1/2 INCHES CEMENTED WITH: 200 SX TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		HOLE SIZE:		9-7/8	INC	HES			
SIZE: 5-1/2 INCHES CEMENTED WITH: 200 SX TOC: 10714 FEET DETERMINED BY: Calculated HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		4. LONG S	STRING						
HOLE SIZE: 7-7/8 INCHES 5. TOTAL DEPTH: 11514 FEET 6. PERFORATIONS 11435 FEET TO: 11479 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION	8-5/8" 4540'	SIZE:	5-1/2	INCHES	CEMENTED WITH	l:	200		sx
(PERFORATED ON OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION	1	TOC:	10714		_FEET DETERMINI	ED BY:	Calcula	ted	
(PERFORATED ON OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		HOLE SIZE:		7-7/8	INCI	HES			
(PERFORATED ON OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		5. TOTAL	DEPTH:	11514	FEE	Т			
(PERFORATED ON OPEN HOLE; INDICATE WHICH) "PERFORATED" FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION		6. PERFO	RATIONS	11425		T TO:	11470	FFFT	
FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION					TED OR OPEN HOL	E; INDICAT	E WHICH)		
SECTION VI APPLICATION FOR AUTHORIZATION TO INJECT Parker & Parsley Poyclopment I. B.					"PERF				
PERFS TO INJECT Parker & Parsley Parker & Parsley						s	ECTION VI		
Parker & Parsley	PERFS				APP			ZATION	
Parker & Parsley	11435'-1'	1479'							
5-1/2" I 11514'	5.4.00						er & Parsiey lopment L.P.		

WATER INJECTION WELL TABULATION OF WELL DATA

SHA	CKELFORD	OIL			LYNCH			
OPERA	TOR				LEASE			
		660' FSL & 6			SEC-21	T-19-S		
	WELL NO.	FOOTAGE LOC	CATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WEL	L: PLUGGED 8	ABANDON	IED	_	SPUD DATE:	12/18/41	
	SCHEMA	TIC	1. SUFAC	E CASING		TABULAR DATA		
			SIZE:	8-1/4	INCHES	CEMENTED WITH:	50	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
8-1/4"		920'	HOLE SIZE:		UNKNOWN	INCHES		
			2. INTERI	MIDIATE CA	ASING			
			SIZE:	7	INCHES	CEMENTED WITH:	100	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
			HOLE SIZE:		UNKNOWN	INCHES		
			3. LONG	STRING				
	7"	2696'	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
			TOC:	UNKNOWN	<u>-</u> -	FEET DETERMINED BY:	UNKNOWN	
			HOLE SIZE:		UNKNOWN	INCHES		
			4. TOTAL	. DEPTH:	2751	FEET		
			5. PERFC	RATIONS				
					UNKNOWN	FEET TO U		
					(PERFORAT	ED OR OPEN HOLE; IND PERFORATED"	CATE WHICH)	
			6. HAS TI	HE WELL E	VER BEEN	PERFORATED IN AN	Y OTHER ZONE(S)?	
		<u></u>	IST A	LL SUCH P	ERFORATE	ED INTERVALS AND	GIVE PLUGGED	
FRO		OIL AND RESEARCH	ETAII	L, I.E. SAC	KS OF CEM	ENT OR PLUG(S) US	ED <u> </u>	
		4 PAIGE N.M. , 88240	<u> </u>			UNKNOWN		
	110550,				_	<u> </u>		
w	ELLS DRILLE	ED BACK IN THE 1940'S						
THA	AT WERE ON	FEDERAL LAND WERE					FORM C-108 SECTION VI	
NO.	T REQUIRED	TO FURNISH THE OCD	İ			APPLICA	ATION FOR AUTHORIZATION TO INJECT	I
WIT	H COPIES OF	THE PUGGING LOG.					Parker & Parsley Development L.P.	
so	ALL THAT IS	AVAILABLE IS THE				W	ATER INJECTION WELL	
INF	ORMATION O	N THE SCOUT TICKET.				TAB	ULATION OF WELL DATA	

	% 9	♦ 1 3 4	2 € 4-B € 1-A
18 13• • 1 • 1	17 ••11	1	3-B 1 1 5 3-A 1-B 5-A 5
% 2	1-94	•1	2-B
⊕1 ⊕3 ⊕10	19	•1 v 2	ø `i ⊕ 2
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	20 4 20▼	21 3 2 V ⁴	•: 22
1 9 ★ 6	LUSK DEEP 21 4 LUSK DEEP 14 LUSK DEEP 14	4FEDERAL X	2 ●
• 1	SD CALLF FEDERAL 8 SD CALLF FEDERAL SD CALF	1 2 2 ADWAN	•1
• 1 3 0 • 2 • 4 • • 3 3 1 • 2 • • 2 • • 2 • • 2 • • 4 • • 3 3 • • 2 • • • 2 • • • 3 • • 2 • • • 2 • • • 3 • • 2 • • • 3 • • 2 • • • •	c — ~4 C /	2 PLAINS UNIT 3 3-Y 5	27
•	1, 12 13 +4 1, 12 13	≠ 10	∮ 1 •4
1• •¹ 31	32 •1 33 •5 *2	² √7 •¹ 33	34

PROPOSED INJECTION WELL DATA SHEET Parker & Parslev Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL **OPERATOR:** WELL NO ____ 660' FNL & 660' FEL SEC-29 T-19-S R-32-E 11 **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES CEMENTED WITH: 675 SIZE: SX 850 13-3/8" Circulated TOC: FEET DETERMINED BY: 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 CEMENTED WITH: 775 SIZE: INCHES SX 4050 8-5/8 Circulated FEET DETERMINED BY: Surface TOC: 11 **INCHES** HOLE SIZE: 3. LONG STRING INCHES 5-1/2 CEMENTED WITH: 1265 SIZE SX FEET DETERMINED BY: Circulated TOC: Surface HOLE SIZE: 7-7/8 INCHES 6450 **6425** FEET TO: 4. INJECTION INTERVAL FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ × "PERFORATED" 6360 **7200** FEET 5. TOTAL DEPTH: **PERES** 6425'-6450' 6. TUBING SIZE 5-1/2" 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: **OTHER DATA** IS THIS A NEW WELL DRILLED FOR INJECTION? X YES NO N/A IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? NAME THE INJECTION FORMATION: 6400' SAND (BRUSHY CANYON) В. C. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES 5. STRAWN 11000'-11200' **LUSK STRAWN OIL** 1. YATES 2600'-2800' N.E. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS S. LUSK YATES 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS

3. BONE SPRING 8200'-8950'

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

WATKINS BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

LUSK BONE SPRING

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley LEASE: SOUTHERN CAILFORNIA FEDERAL Development L.P. OPERATOR: 1980' FNL & 1980' FEL **SEC-29** T-19-S R-32-E WELL NO 10 TOWNSHIP ' FOOTAGE LOCATION SECTION RANGE **SCHEMATIC WELL CONSTRUCTION DATA** 1. SUFACE CASING SIZE: 13-3/8 INCHES CEMENTED WITH: 675 SX 13-3/8" Circulated TOC: Surface FEET DETERMINED BY: HOLE SIZE: ______17-1/2 INCHES 2. INTERMIDIATE CASING CEMENTED WITH: 8-5/8 775 SIZE: INCHES SX 8-5/8" 4050 FEET DETERMINED BY: ____ Circulated TOC: Surface 11 ____ HOLE SIZE: INCHES 3. LONG STRING 1265 5-1/2 INCHES CEMENTED WITH: , FEET DETERMINED BY: Circulated Surface TOC: 7-7/8 HOLE SIZE: INCHES 6450 4. INJECTION INTERVAL 6425 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ × "PERFORATED" 63601 5. TOTAL DEPTH: 7200 FEET **PERFS** 6425'-6450' 6. TUBING SIZE 7200 5-1/2" IPC 505 - PLASTIC COATING 2-7/8 INCHES SIZE: LINED WITH: ARROW SET 1-XS, PKR PACKER AT: 6360 OTHER DATA X YES IS THIS A NEW WELL DRILLED FOR INJECTION? IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? N/A 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: В. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: 1. YATES 2600'-2800' WATKINS YATES 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** N.W. LUSK MORROW GAS LUSK DELAWARE N. LUSK MORROW GAS

3. BONE SPRING 8200'-8950' WATKINS BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

Parker & Parsley

PERATO		Development L.P	•		LEASE:	LUSK DI	EEP UNIT "A'			<u> </u>
VELL NO	14						T-19-S		R-32-E	
	SCHEMATIC	FOOTAGE L	OCATION		SECTION		TOWNSHIP		RANGE	
		15-21938	1. SUFACI	E CASING		WELL C	ONSTRUCTI	ON DATA		
			SIZE:	13-3/8	INCHES	CEME	ENTED WITH:		1000	SX
13-3/8"		843'				-	ERMINED BY:			
						-				
			HOLE SIZE:			···	INCHES			
			2. INTERM							
8-5/8"		4500'		8-5/8		_	ENTED WITH:			SX
			TOC:	Surface		FEET DET	ERMINED BY:		Circulated	
			HOLE SIZE:		12-1/4		INCHES			
			3. LONG S	TRING						
			SIZE:	5-1/2	INCHES	СЕМЕ	ENTED WITH:		850	sx
			TOC:	2320		FEET DET	ERMINED BY:	Т	emp. Survey	
			HOLE SIZE:		7-7/8	<u> </u>	INCHES			
			4. INJECT	ION INTER					6459 FEET	
		PKR @ 6380'				ERFORA	EN HOLE ; INDI A TED"	CATE WHICH	1)	
		6380' PERFS	5. TOTAL	DEPTH:		7200	FEET			
		PERFS 6452-6459	6. TUBING	SIZE						
5-1/2		7199'	SIZE:	2-7/8	INCHES	LINED WI	TH:	IPC 505 - I	PLASTIC COATING	3
			SET IN A:	ARROW S	SET 1-XS,	PKR	PACKER AT		6380FEET:	
THER DA	ATA									
Α.	IS THIS A NEV	V WELL DRILLED FOR IN	JECTION?		YES -	X	NO			
,	IF NO, FOR W	HAT PURPOSE WAS THE	WELL ORIG	INALLY DRIL	LED?		PRODUCI	NG OIL AN	D GAS WELL	
						· - ·· ,		 		
В.	NAME THE IN	JECTION FORMATION:		6400' SAN		***************************************	·····			
C.	NAME THE FIE	ELD OR POOL (IF APPLIC	ABLE)	 	LUSK WE	ST (DELA	AWARE)			
D.		L EVER BEEN PERFORA SACKS OF CEMENT OR F			E(S)? LIST AI	LL SUCH PE	ERFORATED IN	TERVALS ANI	O GIVE PLUGGED	
E.	GIVE THE NAI	ME(S) AND DEPTH(S) OF	ANY OVER C	OR UNDERLY	ING OIL OR (GAS ZONES	S IN THIS AREA:			
	1. YATES 2	2600'-2800'	WATKINS	YATES		5. STRA	WN 11000'-	11200'	LUSK STRAWN O	ılL
			N.E. LUSK S. LUSK Y		-	6. ATOR	(A 11200'-1 1	400'	LUSK ATOKA GAS	S
	2. DELAWA	RE 4600'-7100'	W. LUSK	DELAWAR	- E	7. MORI	ROW 11500'	-12000'	LUSK MORROW	GAS
			LUSK DEL	AWARE	- - ·				N.W. LUSK MORE	
	3. BONE SE	PRING 8200'-8950'		BONE SP		_				
				NE SPRING BONE SPR	_				FORM C-108 SECTION III	
				ONE SPR				APPLI	TO INJECT	IZATION
	4. WOLF C	AMP 10100'-10700'	LUSK WO		_				Parker & Parsley Development L.P.	
				VOLFCAMI				,	WATER INJECTION WE	LL

SHA	CKELFORD OIL				LYNCH			
OPERA	TOR				LEASE			
	1	660' FSL & (660' FWL		SEC-21	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PLUGGED (& ABANDO	NED	_	SPUD DATE:	12/18/41	
	SCHEMATIC		1. SUFAC	CE CASING		TABULAR DATA		
			SIZE:	8-1/4	INCHES	CEMENTED WITH:	50	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
8-1/4"		920'	HOLE SIZE		UNKNOWN	INCHES		
			2. INTER	MIDIATE CA	ASING			
			SIZE:	7	INCHES	CEMENTED WITH:	100	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
			HOLE SIZE:		UNKNOWN	INCHES		
			3. LONG	STRING				
7	,,,	2696'	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
			TOC:	UNKNOWN	···-	FEET DETERMINED BY:	UNKNOWN	
			HOLE SIZE:		UNKNOWN	INCHES		
			4. TOTAL	DEPTH:	2751	FEET		
			5. PERFO	RATIONS				
					UNKNOWN	FEET TO UN		
						PERFORATED"		
						PERFORATED IN AN' D INTERVALS AND G	• •	
FROI	M: DOWNS OIL AND	RESEARCH				ENT OR PLUG(S) USE		
	1424 PAIGI					I I I I I I I I I I I I I I I I I I I		
	HOBBS, N.M. , 8	8240				UNKNOWN		
WE	LLS DRILLED BAC	K IN THE 1940'S						
THAT	TWERE ON FEDER	AL LAND WERE					FORM C-108 SECTION VI	
NOT	REQUIRED TO FUR	RNISH THE OCD				APPLICA	TION FOR AUTHORIZATION TO INJECT	
WITH	I COPIES OF THE P	UGGING LOG.					Parker & Parsiey Development L.P.	
SO A	LL THAT IS AVAILA	ABLE IS THE					TER INJECTION WELL	
INFO	RMATION ON THE	SCOUT TICKET.				TABU	LATION OF WELL DATA	

SHACKELFORD OIL			PLAINS FE	DERAL		
OPERATOR			LEASE			
4 - X WELL NO.	710' FSL & 660' FWL		SEC-21	T-19-S TOWNSHIP		
TYPE OF WELL:	PRODUCING OIL AND	GAS WEL	L	SPUD DATE	:1/4/64	
SCHEMATIC	1. SUFACE	CASING		TABULAR DATA		
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	750	sx
	тос:	Surface		FEET DETERMINED BY:	Circulated	<u> </u>
13-3/8" 827'	HOLE SIZE:		17-1/2	INCHES		
10-3/4"	2. INTERMi	DIATE CA	SING			
	SIZE:	10-3/4	INCHES	CEMENTED WITH:	700	sx
	TOC:	Surface		FEET DETERMINED BY:	Circulated	<u>i</u>
10-3/4" 2662'	HOLE SIZE:		12-1/4	INCHES		
10-3/4" 2662	3. INTERMI	DIATE CA	SING		•	
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	250	SX
	TOC:	3500		FEET DETERMINED BY:	Temp. Surve	<u>Эу</u>
	HOLE SIZE:		9-7/8	INCHES		
4540'	4. LONG ST	RING				
8-5/8" 4540'	SIZE: _	5-1/2	INCHES	CEMENTED WITH:	200	sx
, po	TOC:	10714		FEET DETERMINED BY:	Calculated	
	HOLE SIZE:		7-7/8	INCHES		
	5. TOTAL D	EPTH:	11514	FEET		
	6. PERFOR	ATIONS	11435	FEET TO:	11479	FEET
		•	(PERFORATE	ED OR OPEN HOLE; INDI "PERFORAT		
					FORM C-108 SECTION VI	
PERFS 11435'-114	79'			APPLICAT	TON FOR AUTHORIZAT TO INJECT	ION
11433-114	· -				arker & Parsley	
5 1/2" 11514'				De	evelopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

CUI BE	RTSON-IRWIN	N INC			BOWMAN			
OPERATOR					LEASE			
	1 WELL NO.	660' FNL & 6			SEC-28	T-19-S TOWNSHIP		
TY	PE OF WELL:	PLUGGED &	ABANDON	ED		SPUD DATE	: 2/21/	42
					_	S. \$3 5/11-		<u></u>
	SCHEMATIC		1. SUFACE CASING			TABULAR DATA		
		10 SXS CMT CUT OFF 8-5/8" CSG 100'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH	50	SX
		100-SURFACE	TOC:	Surface		FEET DETERMINED BY:	Circula	ited
			HOLE SIZE:		11	INCHES		
			2. INTERN	MIDIATE CA	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
	CIBP	10 SXS CMT CIBP @ 800'	HOLE SIZE:		N/A	INCHES		
8-5/8"		908'	3. LONG S					
			SIZE:	5-1/2	INCHES	CEMENTED WITH	100	SX
			TOC:	2391		FEET DETERMINED BY:	Temp. St	ırvey
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2811	FEET		
				IE WELL E	VER BEEN	FEET TO: ED OR OPEN HOLE; INDI PERFORATED" PERFORATED IN AN	Y OTHER ZONE(S)	FEET
						ED INTERVALS AND (ENT OR PLUG(S) US		NONE
						<u></u>	·	
							FORM C-108 SECTION VI	
		CUT OFF 5-1/2" CSG				APF	PLICATION FOR AUTHOR TO INJECT	RIZATION
		@ 2200' CMT PLUG					Parker & Parsley Development L.P.	
		@ 2762'-2700'					WATER INJECTION W	
5-1/:	2"	2762'					TABULATION OF WELL	DATA

SHACKELFORD OIL			BOWMAN			
OPERATOR			LEASE			
2	660' FNL & 1980' FWL		SEC-28	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND	O GAS WE	LL	SPUD DATE	:9/30/	42
SCHEMATIC	1. SUFACE	E CASING		TABULAR DATA		
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	50	sx
	TOC:	Surface	· -	FEET DETERMINED BY:	Circula	ited
	HOLE SIZE:		11	INCHES		
0.20	2. INTERM	IIDIATE CA	SING			
	SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
	TOC:	N/A	····	FEET DETERMINED BY:	N/A	
9.5(p)	HOLE SIZE:		N/A	INCHES		
8-5/8" 928'	3. LONG S	TRING				
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	50	sx
	TOC:	2540		FEET DETERMINED BY:	Calcula	ted
	HOLE SIZE:		7-7/8	INCHES		
	4. TOTAL	DEPTH:	2771	FEET		
1 1	5. PERFOR	RATIONS	2709	FEET TO:	.2750	FEET
			(PERFORAT	ED OR OPEN HOLE; INDI		
				FERFORAT	ED	
·						
					FORM C-108 SECTION VI	
F PERFS 2709-2				APPLICATI	ON FOR AUTHORIZ	'ATION
2709-2	750			_		
5-1/2" 2750'					arker & Parsley evelopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P. PLAINS UNIT **OPERATOR** LEASE SEC-28 T-19-S 1980' FNL & 660' FWL R-32-E SECTION TOWNSHIP RANGE FOOTAGE LOCATION SPUD DATE: 3/19/63 TYPE OF WELL: PRODUCING OIL AND GAS WELL SCHEMATIC TABULAR DATA 1. SUFACE CASING 13-3/8 750 INCHES CEMENTED WITH: SIZE: Circulated Surface FEET DETERMINED BY: TOC: 13-3/8" HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 9-5/8 INCHES CEMENTED WITH: тос: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 12-1/4 INCHES 9-5/8" 3. LONG STRING 7 INCHES CEMENTED WITH: 750 SX SIZE: 4490 FEET DETERMINED BY: Temp. Survey TOC: HOLE SIZE: 7-7/8 INCHES **4. TOTAL DEPTH:** 12996 FEET 5. PERFORATIONS 11432 FEET TO: 12530 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" **FORM C-108** SECTION VI **APPLICATION FOR AUTHORIZATION PERFS**

11432'-12530'

12765

TO INJECT

Parker & Parsley Development L.P.

WATER INJECTION WELL

Parker & Parsley

Deve	elopment L.P.			SOUTHERN CALIFORNIA FEDERAL					
OPERA	TOR			LEASE					
	1	1980' FNL & 660' FEL		SEC-29		T-19-S	R-32	-F	
	WELL NO.	FOOTAGE LOCATION	·			TOWNSHIP			
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL		SPUD DATE:	3/2	23/62	
	SCHEMATIC				TABULAR	DATA			
		1. SUFAC	E CASING						
		SIZE:	13-3/8	INCHES	CEMENTED	WITH:	9:	50	sx
40.01011		TOC:	Surface	 -	FEET DETER	RMINED BY:	Circ	ulated	
13-3/8"	826	HOLE SIZE:		17-1/2		INCHES			
		2. INTERM	IIDIATE CA	SING					
		SIZE:	9	INCHES	CEMENTED	WITH:	27	25	sx
		TOC:	Surface		FEET DETER	RMINED BY:	Circ	ulated	
		HOLE SIZE:		12-1/4		INCHES			
9	3947'	3. LONG S	TRING				·		
		SIZE: .	5-1/2	INCHES	CEMENTED	WITH:	21	40	sx
		TOC:	2450		FEET DETER	RMINED BY:	est. top o	f cmt sqz.	
		HOLE SIZE:		7-7/8		INCHES			
		4. TOTAL	DEPTH:	12834		FEET			
		5. PERFO	RATIONS						
				6448	ED OR OPEN	_FEET TO: _HOLE : INDI	6458 CATE WHICH)	FEET	
				(-		ERFORATI			
	PERFS 6448'-64! PBTD CM RET @ 78 W/150 SX	58'							
	PBTD CM	T @ 6850'							
	RET @ 78 W/150 SX								
							FORM C-108		
	RET @ 1°						SECTION VI		
	DEDEC				A	APPLICATI	ON FOR AUTHO	RIZATION	
	11410'-11						ırker & Parsle	_	
5	-1/2" 12834'					De	velopment L.F	۶.	

WATER INJECTION WELL

Parker & Parsley

Deve	lopment L.P.			SOUTHERN CALIFORNIA FEDERAL						
OPERA	TOR	<u> </u>		LEASE						
	8	990' FNL & 1900' FEL		SEC-29	T-19-S	R-32-E				
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHI	RANGE				
	TYPE OF WELL:	PRODUCING OIL AND	GAS WE	LL	SPUD DAT	E: 4/16/88				
	SCHEMATIC	1. SUFACE	CASING		TABULAR DATA					
				INCHES	CÉMENTED WITH:	722	sx			
		_	Surface		FEET DETERMINED BY:					
13-3/8"	908.	HOLE SIZE:		17-1/2	INCHES		-			
		2. INTERMI	DIATE CA	SING						
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2700	sx			
		TOC:	Surface		FEET DETERMINED BY:	Circulated	<u></u>			
		HOLE SIZE:		12-1/4	INCHES					
8-5/8	2001 1 5002	3. LONG ST	ring							
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	800	sx			
		TOC:	2280		FEET DETERMINED BY:	Cmt Bond Lo	og			
		HOLE SIZE:		7-7/8	INCHES					
		4. TOTAL D	EPTH:	7200	FEET					
		5. PERFOR	ATIONS	6446	FEET TO:		FEET			
				(PERFORATE	ED OR OPEN HOLE; INI "PERFORA"					
						FORM C-108 SECTION VI				
	TBG@ 65	03'			ADDLICAT	TON FOR AUTHORIZAT	ION.			
	TBG@ 65 PERFS 6446'-64	52'			AFFLICA	TION FOR AUTHORIZAT TO INJECT	ION			
5.	7192'					arker & Parsley evelopment L.P.				

TABULATION OF WELL DATA

WATER INJECTION WELL

CULBERTSON-IRWIN INC).		LYNCH			
OPERATOR			LEASE			
4	660' FSL & 660' FEL		SEC-20	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	DRY HOLE		-	SPUD DATE:	10/30/43	
SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA		
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	UNKNOWN	sx
	TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
	HOLE SIZE:		UNKNOWN	INCHES		
	2. INTERI	MIDIATE CA	ASING			
	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
	TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
	HOLE SIZE:		UNKNOWN	INCHES		
	3. LONG	STRING				
	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
	TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
	HOLE SIZE:	<u> </u>	UNKNOWN	INCHES		
	4. TOTAL	DEPTH:	2820	FEET		
	5. PERFC	RATIONS				
			UNKNOWN	FEET TO UN		
			(PERFORATI	ED OR OPEN HOLE; INDI- PERFORATED"	CATE WHICH)	
				PERFORATED IN AN		
FROM: DOWNS OIL AND RE	1			ED INTERVALS AND (ENT OR PLUG(S) USE		
1424 PAIGE	SEARON ETAIL	L, I.L. OACI	OF CLIM	LNI OK FLOG(3) OSL	.U <u>.</u>	
HOBBS, N.M. , 88240				UNKNOWN	······································	
WELLS DRILLED BACK IN	THE 1940'S					
WELLS BRILLED BASKING					FORM C-108	
THAT WERE ON FEDERAL L	AND WERE				SECTION VI	
NOT REQUIRED TO FURNISI	H THE OCD			APPLICA	TION FOR AUTHORIZATION TO INJECT	l
WITH COPIES OF THE PUGG	BING LOG.				Parker & Parsley Development L.P.	
SO ALL THAT IS AVAILABLE	IS THE			WA	TER INJECTION WELL	
INFORMATION ON THE SCO	UT TICKET.			TABL	JLATION OF WELL DATA	

	≠ 9		2 % % 4-B % 1-A
18	17 • 11	1	3-B 1 1 5 3-A 1-B • 5-A • 5-A • 2-A
ф1	1 19 • 17	✓ •1 3	★ :
10	y 3 ● 22 ▼ ¹² 15	▼ 1 2	⊕ 2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20 _{4 20} V	21 •3 2 •4 •4	22
19 **	LUSK DEEP V14	4 4 1 •3	2 ●
• 1	SD CAILF	11 • 2	•1
•1 30 •2 •1	SD CAILF FEDERAL SD CAILF 10 FEDERAL SD CAILF FEDERAL	1 PLAINS UNIT	27 x 1 •4
1 •	•1 •1 1	Z ₁ Z ₁ Z ₂	
\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	32 •1 1× ×3 •5	√ 9 •¹ 33	34

Parker & Parsley
Development L.P.

OPERATOR:	Development L.F) <u>. </u>		LEASE:	SOUTHERN CAILFOR	RNIA FEDE	RAL
WELL NO_	10 1980' FNL						
so	CHEMATIC	OCATION		SECTION	TOWNSHIP		RANGE
		1. SUFACE	CASING		WELL CONSTRUCTION	ON DATA	
	850'	SIZE:	13-3/8	INCHES	CEMENTED WITH:		675 sx
13-3/8"	850'	тос:	Surface		FEET DETERMINED BY:		Circulated
		HOLE SIZE:		17-1/2	INCHES		
		2. INTERMI	DIATE CA	SING			
8-5/8"	4050'	SIZE:	8-5/8	INCHES	CEMENTED WITH:		775 sx
	4050	тос: 5	Surface		FEET DETERMINED BY:		Circulated
		HOLE SIZE: _		11	INCHES		
		3. LONG ST	TRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:		1265 sx
		-			FEET DETERMINED BY:	- ·	Circulated
		HOLE SIZE: _	·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·	7-7/8	INCHES		
	PERFS	4. INJECTIO		(PERFORAT	6425 FEET TO: ED OR OPEN HOLE; INDI ERFORATED"		
	PERFS 6425'-6450'	5. TOTAL D	EPTH:		7200 FEET		
		6. TUBING	SIZE				
5-1/2"	7200'	SIZE:	2-7/8	INCHES	LINED WITH:	IPC 505 - I	PLASTIC COATING
		SET IN A:	ARROW S	ET 1-XS,	PKR PACKER AT:		6360 FEET:
OTHER DAT	A						
A. IS	THIS A NEW WELL DRILLED FOR IF	IJECTION?	x	YES	NO		
IF	NO, FOR WHAT PURPOSE WAS TH	E WELL ORIGIN	IALLY DRILL	ED?	N/A		
				····-			······································
B. NA	AME THE INJECTION FORMATION:	6	6400' SAN	D (BRUSH	Y CANYON)		
C. NA	AME THE FIELD OR POOL (IF APPLI	CABLE) _		LUSK WE	ST (DELAWARE)		
	AS THE WELL EVER BEEN PERFOR ETAIL, I.E. SACKS OF CEMENT OR			E(S)? LIST AL NO	L SUCH PERFORATED INT	ERVALS AND) GIVE PLUGGED
E. GI	VE THE NAME(S) AND DEPTH(S) O	F ANY OVER OF	R UNDERLYI	ING OIL OR (GAS ZONES IN THIS AREA:		
<u>1.</u>	YATES 2600'-2800'	WATKINS Y		-	5. STRAWN 11000'-1	1200'	LUSK STRAWN OIL
		S. LUSK YA		- -	6. ATOKA 11200'-114	400'	LUSK ATOKA GAS
2.	DELAWARE 4600'-7100'	W. LUSK D		Ē -	7. MORROW 11500'-	12000'	LUSK MORROW GAS N.W. LUSK MORROW GAS
3.	BONE SPRING 8200'-8950'				_		N. LÜSK MORROW GAS
		LUSK BON		_	_		FORM C-108 SECTION III
		S. LUSK BO			<u>-</u>	APPLI	CATION FOR AUTHORIZATION TO INJECT
4.	WOLF CAMP 10100'-10700'			_			Parker & Parsley Development L.P. NATER INJECTION WELL
		E. LUSK W			<u>-</u> -	`	TAILN INVENTION WELL

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL OPERATOR: 660' FNL & 660' FEL **SEC-29** T-19-S R-32-E WELL NO 11 **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES 675 SIZE: CEMENTED WITH: SX 850 13-3/8" Surface Circulated TOC: FEET DETERMINED BY: HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 8-5/8 775 INCHES CEMENTED WITH: SX 4050 8-5/8 FEET DETERMINED BY: _____Circulated Surface TOC: 11 INCHES 3. LONG STRING 1265 SIZE: 5-1/2 INCHES CEMENTED WITH: SX Circulated TOC: Surface FEET DETERMINED BY: 7-7/8 INCHES HOLE SIZE: 4. INJECTION INTERVAL 6425 6450 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ Ø "PERFORATED" 5. TOTAL DEPTH: 7200 FEET **PERFS** 6425'-6450' 6. TUBING SIZE 7200 SIZE 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: SET IN A: OTHER DATA IS THIS A NEW WELL DRILLED FOR INJECTION? X YES NO N/A IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) В NAME THE INJECTION FORMATION: LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO

E. GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA:

1. YATES 2600'-2800' WATKINS YATES

N.E. LUSK YATES
S. LUSK YATES
6. ATOKA 11200'-11400' LUSK ATOKA GAS

2. DELAWARE 4600'-7100' W. LUSK DELAWARE LUSK DELAWARE LUSK DELAWARE

N.W. LUSK MORROW GAS

N.W. LUSK MORROW GAS

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

3. BONE SPRING 8200'-8950' WATKINS BONE SPRING

WATKINS BONE SPRING

LUSK BONE SPRING

STUSK BONE SPRING

N. LUSK MORROW GAS
FORM C-108
SECTION III

S. LUSK BONE SPRING

E. LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

Parker & Parsley **OPERATOR:** Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL WELL NO 12 1980' FEL & 660' FSL SEC-29 T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP RANGE **SCHEMATIC** WELL CONSTRUCTION DATA 1. SUFACE CASING 13-3/8 INCHES CEMENTED WITH: 675 850 13-3/8" Surface FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 8-5/8 775 CEMENTED WITH: SIZE: INCHES SX 4050 8-5/8" FEET DETERMINED BY: Circulated 11 HOLE SIZE: INCHES 3. LONG STRING 5-1/2 INCHES CEMENTED WITH: 1265 Surface FEET DETERMINED BY: Circulated TOC: 7-7/8 INCHES HOLE SIZE: 4. INJECTION INTERVAL 645<u>0</u> FEET 6425 FEET TO: (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ "PERFORATED" 6360 5. TOTAL DEPTH: 7200 FEET PERFS 6425'-6450' 6. TUBING SIZE 7200 5-1/2" 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING StZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: OTHER DATA X YES IS THIS A NEW WELL DRILLED FOR INJECTION? N/A IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? NAME THE INJECTION FORMATION: 6400' SAND (BRUSHY CANYON) В. LUSK WEST (DELAWARE) NAME THE FIELD OR POOL (IF APPLICABLE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: 1. YATES 2600'-2800' **WATKINS YATES** 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' **LUSK ATOKA GAS** 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' LUSK MORROW GAS N.W. LUSK MORROW GAS LUSK DELAWARE N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL
TABULATION OF WELL DATA

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

E. LUSK WOLFCAMP OIL

S. LUSK WOLFCAMP OIL

LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

PERATOR		Parker & Parsley Development L.I		•	LEASE:	LUSK DEEP UNIT "A	١"		
VELL NO	14	330' FSL	& 1980' FEL	_	SEC-20	T-19-S		R-32-E	
	CHEMATI	FOOTAGE			SECTION	TOWNSHIP		RANGE	***
31	CHEMAII		1. SUFAC	E CASING		WELL CONSTRUCT	ION DATA		
13-3/8"		843'	SIZE:	13-3/8	INCHES	CEMENTED WITH:		1000	S
13-3/6		_	TOC:	Surface		FEET DETERMINED BY:		Circulated	· . · ·
			HOLE SIZE:		17-1/2	INCHES			
			2. INTERN	MIDIATE CA	SING				
8-5/8"		4500'	SIZE:	8-5/8	INCHES	CEMENTED WITH:		1700	S
			TOC:	Surface		FEET DETERMINED BY:		Circulated	
			HOLE SIZE:		12-1/4	INCHES			
			3. LONG S	STRING					
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	·	850	S.
			TOC:	2320	·····	FEET DETERMINED BY:	T	emp. Survey	
		!	HOLE SIZE:		7-7/8	INCHES			
		PKR @ 6380'	4. INJECT		(PERFORAT	6452 FEET TO: TED OR OPEN HOLE; IND ERFORATED"		 	
		9 PERFS 6452-6459	5. TOTAL	•		7200 FEET			
5-1/2"		7199'	SIZE:	2-7/8	INCHES	LINED WITH:	IPC 505 -	PLASTIC COATING	}
			SET IN A:	ARROW SI	ET 1-XS,	PKR PACKER A	Т:	6380 FEET:	
	THIS A NE	W WELL DRILLED FOR II			YES ED?	XNO PRODUC	ING OIL AN	ND GAS WELL	
— В. N	AME THE II	NJECTION FORMATION:		6400' SANI	D (BRUSE	IY CANYON)			
		IELD OR POOL (IF APPL	CABLE)		· · · · · · · · · · · · · · · · · · ·	ST (DELAWARE)			
D. H	AS THE WE	ELL EVER BEEN PERFOR	ATED IN ANY	OTHER ZONE	(S)? LIST A	LL SUCH PERFORATED IN	ITERVALS AN	D GIVE PLUGGED	
D	PETAIL, I.E.	SACKS OF CEMENT OR	PLUG(S) USE	D	NO				
E. G	IVE THE NA	AME(S) AND DEPTH(S) O	F ANY OVER	OR UNDERLYII	NG OIL OR (GAS ZONES IN THIS AREA	λ:		
<u>1</u> .	. YATES	2600'-2800'	WATKINS			5. STRAWN 11000'	-11200'	LUSK STRAWN O)IL
_			N.E. LUSK			6. ATOKA 11200'-1	1400'	LUSK ATOKA GA	s
2	. DELAW	ARE 4600'-7100'	W. LUSK	DELAWARE LAWARE	<u>.</u>	7. MORROW 11500	0'-12000'	LUSK MORROW (ROW GAS
3	BONE S	SPRING 8200'-8950'		BONE SPR		_		N. LUSK MORRO	VV GAS

S. LUSK BONE SPRING E. LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL
E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

OPERATOR:	Parker & Parsic Development L	_	LEASE:	S. A. BOWMAN FEDERAL		·
WELL NO	5 2310' F	SL & 2160' FWL	SEC-29	T-19-S	R-32-E	
SCHEM		E LOCATION	SECTION	TOWNSHIP	RANGE	
SCHE		1. SUFACE CAS	ING	WELL CONSTRUCTION DA	ATA	
	205	SIZE: 11	-3/4 INCHES	CEMENTED WITH:	1000	sx
11-3/4"	895'	тос: Surfa	ice	FEET DETERMINED BY:	Circulated	
				INCHES		
		2. INTERMIDIAT				
					4400	
8-5/8"	3796'			CEMENTED WITH:		sx
		тос: <u>Surfa</u>	ice	FEET DETERMINED BY:	Circulated	
		HOLE SIZE:	11	INCHES		
		3. LONG STRING	G			
		SIZE: 5	5-1/2 INCHES	CEMENTED WITH:	1610	sx
		тос: Surfa	ice	FEET DETERMINED BY:	Circulated	
		HOLE SIZE:	7-7/8	INCHES		-
				6431 FEET TO:	6446 FEET	
	☑ PKR @ 6360'		(PERFORAT	TED OR OPEN HOLE; INDICATE VERFORATED"		
	PERFS	5. TOTAL DEPT	H:	6850 FEET		
	6431'-6446'	6. TUBING SIZE				
5-1/2"	6850'	SIZE: 2-7	7/8 INCHES	LINED WITH: IPC 5	05 - PLASTIC COATING	
		SET IN A: ARRO	OW SET 1-XS,	PKR PACKER AT:	6360 FEET:	
		<u> </u>	500 020 17.0,			
OTHER DATA						
A. IS THIS	A NEW WELL DRILLED FOR	RINJECTION?	YES	X NO		
IF NO, F	OR WHAT PURPOSE WAS	THE WELL ORIGINALLY	DRILLED?	PRODUCING OI	L AND GAS WELL	
B. NAME T	HE INJECTION FORMATION	ı: 6400'	SAND (BRUSH	IY CANYON)		
C. NAME T	HE FIELD OR POOL (IF APF	PLICABLE)	LUSK WE	ST (DELAWARE)		
D. HAS TH	E WELL EVER BEEN PERFO	DRATED IN ANY OTHER		LL SUCH PERFORATED INTERVAL	S AND GIVE PLUGGED	
	, I.E. SACKS OF CEMENT O		NONE			
	····					
E. GIVE TH	HE NAME(S) AND DEPTH(S)	OF ANY OVER OR UND	ERLYING OIL OR	GAS ZONES IN THIS AREA:		
<u>1. YAT</u>	ES 2600'-2800'	WATKINS YATE		5. STRAWN 11000'-11200'	LUSK STRAWN OIL	
		N.E. LUSK YATE S. LUSK YATES		6. ATOKA 11200'-11400'	LUSK ATOKA GAS	
2. DEL	AWARE 4600'-7100'	W. LUSK DELAV		7. MORROW 11500'-12000	D' LUSK MORROW GAS	
		LUSK DELAWAI	RE		N.W. LUSK MORROW (N. LUSK MORROW GA	
3. BO	NE SPRING 8200'-895	USK BONE SP		_	FORM C-108	
		S. LUSK BONE	SPRING	_	SECTION III APPLICATION FOR AUTHORIZATIO	ON
		E. LUSK BONE		_	TO INJECT Parker & Parsley	
<u>4. WO</u>	LF CAMP 10100'-1070	0' LUSK WOLFCA E. LUSK WOLF			Development L.P. WATER INJECTION WELL	

E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

PERA	TOR:	Development L	-		LEASE:	SOUTHE	RN CAILFO	RNIA FEDERAL	
				-					
VELL			SL & 990' FI E LOCATION	EL	SEC-29 SECTION		T-19-S TOWNSHIP	R-32-E RANGE	
	SCHEMAT	ric				WELL CO	ONSTRUCTI	ON DATA	
			1. SUFAC	E CASING		WELLO), (0),(ONDATA	
			CIZE:	13-3/8	Moneo	05145		775	
13-3/8"		877'	SIZE:	13-3/6	INCHES	. CEME	NIED WITH: .	775	sx
			TOC:	Surface		FEET DETE	RMINED BY:	Circulated	
			HOLE SIZE:		17-1/2		INCHES		
			2. INTERN	MIDIATE CA	ASING				
			SIZE:	8-5/8	INCHES	СЕМЕ	NTED WITH:	2660	sx
8-5/	8"	3836	TOC:	Surface		FEET DETE	RMINED BY:	Circulated	
			HOLE SIZE:		12-1/4		INCHES		
			3. LONG S	STRING			_		
			SIZE:	4-1/2	INCHES	CEME	NTED WITH:	600	sx
			TOC:	3400		FEET DETE	RMINED BY:	SQZ HOLE @ 3400' W/35 SXS CMT	
						•	•		
		PKR @	HOLE SIZE:		7-7/8		_INCHES		
	Ci	PROPOSED DELAWARE PERFS @	4. INJECT	ION INTER				6450 FEET CATE WHICH)	
	CI		5. TOTAL	DEPTH:		11449	_FEET		
			6. TUBING	SIZE					
	4-1/2"	PERFS 11324'-11368'	SIZE:	2-7/8	INCHES	LINED WITI	H:	IPC 505 - PLASTIC COATING	
	1-1/2"	11410	SET IN A:	ARROW S	- SET 1-XS, I	PKR	PACKER AT:	6360 FEET:	
	_	•						· · · · · · · · · · · · · · · · · · ·	
THER	DATA								
A.	IS THIS A N	EW WELL DRILLED FOR	R INJECTION?		YES	Х	NO		
					-		-	ALO OLI ANID GAGNAITI I	
	IF NO, FOR	WHAT PURPOSE WAS	THE WELL OR	IGINALLY DR	ILLED?		PRODUCI	NG OIL AND GAS WELL	
					ID (DD11011				
В.	NAME THE	INJECTION FORMATION	N:		ID (BRUSH				
C.	NAME THE	FIELD OR POOL (IF APF	PLICABLE)		LUSK WE	ST (DELA	WARE)		
D.		ELL EVER BEEN PERFO SACKS OF CEMENT C			NE(S)? LIST			NTERVALS AND GIVE PLUGGED GAS PODUCTION FROM STRAWN PER	FS
	11324'-11	368'. PLAN TO SET	CIBP @ 66	00' W/5SX	S CMT ON	TOP & PE	RF DELAW	ARE @ 6430'-50' CONVERT TO WIW WE	ELL.
E.	GIVE THE N	IAME(S) AND DEPTH(S)	OF ANY OVER	R OR UNDERI	LYING OIL OR	GAS ZONE	S IN THIS ARE	A :	
	1. YATES	2600'-2800'	WATKINS	YATES		5. STRAV	'VN 11000	112 LUSK STRAWN OIL	
			N.E. LUSK S. LUSK Y	YATES	- -		· - .	40 LUSK ATOKA GAS	
					_		- 		
	2. DELAV	VARE 4600'-7100'	LUSK DEL	DELAWARI LAWARE	E -	7. MORR	OW 11500'	12 LUSK MORROW GAS N.W. LUSK MORROW GAS	
	3 RONE	SPRING 8200'-895(- RING			N. LUSK MORROW GAS	
	J. DUINE	OF NING 0200-0950	LUSK BO	NE SPRINC	3	-		FORM C-108	
				ONE SPRI		_		SECTION III APPLICATION FOR AUTHORIZATION	
			E. LUSK E	SONE SPRI	ING	-		TO INJECT	
	4. WOLF	CAMP 10100'-1070			_			Parker & Parsley Development L.P.	
				VOLFCAMI VOLFCAMI		-		WATER INJECTION WELL	
						-			

Parke	r & Parsley							
Develo	opment L.P.				SOUTHER	N CALIFORNIA FEDE	RAL	
OPERATO	OR			-	LEASE			
	2	990' FNL & 9	700' E/V/I		SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOC			SECTION	TOWNSHIP		
		DI LIGOSED A	454M56M				0/45/00	
	TYPE OF WELL:	PLUGGED 8	ABANDON	ED	-	SPUD DATE:	3/15/63	
	SCHEMATI	C				TABULAR DATA		
	2991 2004	Theories	1. SUFAC	E CASING				
		10 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	900_	sx
				Cf			Cinnestad	
		25 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		@ 700'-800' 827'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERN	MIDIATE CA	SING			
		;		0.510			0500	
		25 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2500	sx
		@ 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		11	INCHES		
			3. LONG S	STRING				
8-5/8		4490' 35 SXS CMT						
		@ 4497'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	\$X
			TOC:	10100	1	FEET DETERMINED BY:	Temp. Survey	
		25 SXS CMT 4-1/2" STUB			7.7/0			
		@ 6497'	HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	11406	FEET		
			5. PERFO	RATIONS				
			0. 1 EI II O	104110110	11330	FEET TO:	11340 FEET	
					(PERFORAT	ED OR OPEN HOLE; INDI PERFORATED"	CATE WHICH)	
			6. HAS TH	łE WELL E	VER BEEN	PERFORATED IN AN	Y OTHER ZONE(S)?	
						D INTERVALS AND		
			DETAIL	., I.E. SACI	(S OF CEM	ENT OR PLUG(S) US	ED. NONE	
							·	
							FORM C-108	
							SECTION VI	
						APPLICA	ATION FOR AUTHORIZATION TO INJECT	
	2"	25 SXS CMT					Parker & Parsley Development L.P.	
		322				w	ATER INJECTION WELL	
		11330'-11340'				TAB	ULATION OF WELL DATA	
4-1/	2"	11406						

Parker & Parsley

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR				LEASE	RN CALIFOR	RNIA FEDER	KAL		
J							T 40 0	D 00	_	
	8 WELL NO.		NL & 1900' FEI		SEC-29		T-19-S TOWNSHIP	R-32		
	TYPE OF WELL:	PROD	JCING OIL AN	ID GAS WE	LL	-	SPUD DATE:	4/	16/88	
	SCHEMATIC	-	1. SUFAC	E CASING		TABULAR	DATA			
			SIZE:	13-3/8	INCHES	CEMENTED	MITH:	7:	22	sx
			TOC:	Surface		FEET DETER	MINED BY:	Circ	ulated	
13-3/8"		908'	HOLE SIZE:		17-1/2		INCHES			
			2. INTER	MIDIATE CA	ASING					
			SIZE:	8-5/8	INCHES	CEMENTED	MITH:	27	'00	sx
			TOC:	Surface		FEET DETER	MINED BY:	Circ	ulated	
		.==.	HOLE SIZE:		12-1/4		INCHES			
8-5/8'		4504'	3. LONG	STRING						
			SIZE:	5-1/2	INCHES	CEMENTED	MTH:	86	00	sx
			TOC:	2280)	FEET DETER	MINED BY:	Cmt Bo	and Log	
			HOLE SIZE:		7-7/8		INCHES			
			4. TOTAL	DEPTH:	7200	·	FEET			
			5. PERFO	RATIONS	6446	;	FEET TO:	6452	FEET	
						ED OR OPEN				
						F:	ERFORATE			
								FORM C-108 SECTION VI		
	TB.	G@ 6503 [,]				Δ			PIZATION	
	6-	ERFS 146'-6452'				4	a i Lioxiic	TO INJECT	M2A 11014	
e	1/2"	192'						rker & Parsley velopment L.F		
5-	## P 6	46'-6452'			6446	ED OR OPEN	FEET TO: HOLE; INDICERFORATE	FORM C-108 SECTION VI ON FOR AUTHO	RIZATION	

WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR			LEASE		_ / _ .	
		1980' FNL & 660' FEL	<u>-</u>		T-19-S		
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUCING OIL AND GAS WE		LL	SPUD DATE	3/23/62	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA		
				INCHES	S CEMENTED WITH:	950	sx
					_		<u></u>
13-3/8"	826'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		17-1/2	INCHES		
		2. INTERN	MIDIATE CA	SING			
		SIZE:	9	INCHES	CEMENTED WITH:	2725	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:	-	12-1/4	INCHES		
9	y" 3947'	3. LONG S	STRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	2140	sx
	3947'	TOC:	2450		FEET DETERMINED BY:	est. top of cmt sqz	<u> </u>
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	12834	FEET		
		5. PERFO	RATIONS	6448	2	6459 5557	
					FEET TO: FEED OR OPEN HOLE; IND	6458 FEET	
	PERFS 6448'-645'	B'			"PERFORAT	ED"	
	PERFS 6448'-6456 PBTD CMT RET @ 78' W/150 SXS RET @ 112 W/160 SXS PERFS 11410'-114	~ @ 6850' 12'					
	RET @ 112 W/160 SXS					FORM C-108 SECTION VI	
	PERFS 11410'-114				APPLICAT	ION FOR AUTHORIZATION TO INJECT	
5-	1/2"					arker & Parsley evelopment L.P.	

WATER INJECTION WELL

Park	er & Parsley									
Deve	lopment L.P.			PLAINS U	NIT					
OPERA	PERATOR		L		LEASE					
	2 WELL NO.		NL & 660' FW	'L	SEC-28		T-19-S	R-32-		
	TYPE OF WELL:	PRODU	JCING OIL AN	D GAS WE	<u>LL</u>	_	SPUD DATE:	3/1	9/63	
	SCHEMATIC	:	1. SUFAC	E CASING		TABULAR	R DATA			
			SIZE:	13-3/8	INCHES	CEMENTED	WITH:	75	0	sx
42 2/9"		773'	TOC:	Surface		FEET DETER	RMINED BY:	Circu	ulated	
13-3/8"		113	HOLE SIZE:		17-1/2		INCHES			
			2. INTER	MIDIATE CA	SING					
			SIZE:	9-5/8	INCHES	CEMENTED	WITH:	425	50	sx
			TOC:	Surface		FEET DETER	RMINED BY:	Circu	ılated	
			HOLE SIZE:		12-1/4	-	INCHES			
9-5/8'	221 1 1239	4597'	3. LONG	STRING						
			SIZE:		INCHES	CEMENTED	WITH:	75	0	sx
			TOC:	4490		FEET DETER	RMINED BY:	Temp. \$	Survey	
			HOLE SIZE:		7-7/8		INCHES			
			4. TOTAL	DEPTH:	12996		FEET			
			5. PERFO	RATIONS	11432		FEET TO:	12530	FEET	
	☐				(PERFORAT		HOLE; INDIC	CATE WHICH)		
								FORM C-108 SECTION VI		
	PE 11	RFS 432'-12530'				A	APPLICATIO	ON FOR AUTHOF TO INJECT	RIZATION	

WATER INJECTION WELL

Parker & Parsley Development L.P.

Parker & Parsley

7204

Development L.P. SOUTHERN CALIFORNIA FEDERAL **OPERATOR** SEC-29 2210' FNL & 2260' FWL T-19-S R-32-E TOWNSHIP **FOOTAGE LOCATION** PRODUCING OIL AND GAS WELL SPUD DATE: 3/24/88 TYPE OF WELL: TABULAR DATA **SCHEMATIC** 1. SUFACE CASING 13-3/8 INCHES CEMENTED WITH: 735 SIZE: SX Surface FEET DETERMINED BY: Circulated 13-3/8" HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 2450 TOC: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 12-1/4 INCHES 8-5/8 3. LONG STRING 5-1/2 INCHES CEMENTED WITH: 4000 FEET DETERMINED BY: Cmt Bond Log TOC: HOLE SIZE: 7-7/8 INCHES 4. TOTAL DEPTH: 7204 5. PERFORATIONS 6442 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) "PERFORATED" **FORM C-108** SECTION VI TBG@ 6500' APPLICATION FOR AUTHORIZATION **PERFS** TO INJECT 6429'-6442'

WATER INJECTION WELL

Parker & Parsley Development L.P.

Parker & Parsley

DEVE OPERA	TOR			LEASE	N CALIFORNIA FEDER	RAL		
J. 2. 4.		40001 501 9 40001 5			T 40 C	D 20 /	_	
	5 WELL NO.	1980' FSL & 1980' FE FOOTAGE LOCATION	<u> </u>	SEC-29 SECTION	T-19-S TOWNSHIP	R-32-I		
	TYPE OF WELL.	PRODUCING OIL AN	ID GAS WE	1.1	SDUD DATE:	12/	5/87	
	TYPE OF WELL:	PRODUCING OIL AI	D GAS WE	<u> </u>	. SPUD DATE: _	12/	<u> </u>	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA			
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	73	5	sx
		TOC:	Surface		FEET DETERMINED BY:	Circu	lated	
13-3/8"	880	HOLE SIZE:		17-1/2	INCHES			
		2. INTERI	MIDIATE CA	SING				
	1	SIZE:	8-5/8	INCHES	CEMENTED WITH:	235	0	sx
		TOC:	Surface		FEET DETERMINED BY:	Circu	lated	
		HOLE SIZE:		12-1/4	. INCHES			
8-5/8"	4474'	3. LONG	STRING					
	4474'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	800	<u> </u>	sx
		TOC:	4210		FEET DETERMINED BY:	Cmt Bo	nd Log	
		HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL	DEPTH:	7200	FEET			
		5. PERFC	RATIONS	0.400		0444		
				6426 (PERFORATI	FEET TO:	6444 ATE WHICH)	FEET	
	TBG@ 63				"PERFORATE	D"		
	TBG@ 63 PERFS 6426'-64	883'				FORM C-108 SECTION VI		
	PERFS 6426'-64	44'			APPLICATIO	N FOR AUTHOR TO INJECT	IZATION	
5-	1/2" 7199'					ker & Parsley elopment L.P		

TABULATION OF WELL DATA

WATER INJECTION WELL

		ON DRILLING CO) <u>. </u>		SA BOWMAN	N FEDERAL		
OPERATO	R				LEASE			
	_11	330' FSL 8	2310' FWL		SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE L	OCATION		SECTION	TOWNSHIP	RANGE	
ī	YPE OF WELL: _	PLUGGED	& ABANDONI	ED	_	SPUD DATE:	8/15/5	57
	SCHEMATIC	;			I/	ABULAR DATA		
			1. SUFAC	E CASING				
		10 SXS CMT @ SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
			TOC:	Surface	FE	EET DETERMINED BY:	Circula	ted
			HOLE SIZE:		11	INCHES		
			2. INTERN	MIDIATE C	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A	FE	EET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
			3. LONG S	STRING				
8-5/8"		880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	600	sx
			TOC:	250	FE	EET DETERMINED BY:	Temp. Su	rvey
			HOLE SIZE:	**	7-7/8	INCHES		
			4. TOTAL	DEPTH:	2770	FEET		
			5. PERFO	RATIONS				
					2493	FEET TO:	2567	FEET
						OR OPEN HOLE; INDIC ERFORATED"	ATE WHICH)	
			6. HAS TH	IE WELL E		ERFORATED IN ANY	OTHER ZONE(S)?	•
						INTERVALS AND G		
			DETAIL	., I.E. SACI	KS OF CEMEN	IT OR PLUG(S) USE	D	NONE
		CMT PLUG		•				
		@ 2500'-2690'				<u> </u>		· ·
								
							FORM C-108	
							SECTION VI	
		CMT PLUG @ 2500'-2690'				APPL	ICATION FOR AUTHOR TO INJECT	RIZATION

Parker & Parsley
Development L.P.

WATER INJECTION WELL

TABULATION OF WELL DATA

Parker & Parsley

Development L.P.		SOUTHERN CALIFORNIA FEDERAL					
OPERATOR				LEASE			
3	1980' FSL & 1	1980' FW <u>L</u>		SEC-29	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCA	ATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PLUGGED &	ABANDON	IED	_	SPUD DATE:	10/24/63	
SCHEMATIC		1. SUFAC	CE CASING		TABULAR DATA		
	96' CMT @ SURFACE				CEMENTED WITH:	600	sx
	75 SXS CMT @ 711'-811'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"	899'	HOLE SIZE		17-1/2	INCHES		
	SIDE TRACKED ON RE-ENTRY	2. INTER	MIDIATE C	ASING			
	@ 2100'-2373'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1700	sx
	150 SXS CMT @ 2175'-2304'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE		11	INCHES		
	25 SXS CMT @ 4490'	3. LONG	STRING				
8-5/8"	4604'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
10.00	4-1/2" STUB 5 SXS CMT					Temp. Survey	
	9 4700'				INCHES		
		4. TOTAL	_ DEPTH:	11406	FEET		
		5. PERFO	DRATIONS				
:				11330 (PERFORAT	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED"	11340 FEET	
		LIST A	LL SUCH F	ERFORATE	PERFORATED IN AN	SIVE PLUGGED	
· · · · · · · · · · · · · · · · · · ·		DETAI	L, I.E. SAC	KS OF CEM	ENT OR PLUG(S) USE	ED. NONE	
				·			
						FORM C-108 SECTION VI	
					APPLICA	TO INJECT	
4.1/2"	25 SXS CMT PERFS					Parker & Parsley Development L.P.	
	11330'-11340'				WA	TER INJECTION WELL	
4-1/2"	11406'				TABL	JLATION OF WELL DATA	

	% 9	♦ 1 3 4	2, %
18 13• 41 41	17	1• ÷5 •2 16 16 16	3-B 1-B 3-A 1-B 5-A 4
% 2	1.pr	• 1	2-B• #2-A
♦ 1 ♦ 3	19	• 1	ø ¹
+1 +2 +5	20 4 20 * 7	21	•: 22
19	21 ⊕ 4 ▼14	• ₁ • ₃	2 ●
•! •1	№ 2 8 ▲ 11	% 1 •2	•:
•1 30 •2 •4 •1 1• 2•	SU CAILF TO FEDERAL SU CAILF TO FEDERAL SU CAILF TEDERAL SU CAI	PLAINS UNIT X 28 3-Y PLAINS UNIT FEDERAL 5	27 * 1 •4
1• • 1 •1 31	1 STATE 1 STATE 1 STATE 1 STATE 1 STATE	** ₇ ** ₉ •1 33	34 +1

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL **OPERATOR:** 1650' FSL & 990' FEL SEC-29 T-19-S WELL 4 R-32-E FOOTAGE LOCATION SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING SIZE: 13-3/8 INCHES CEMENTED WITH: 775 SX 13-3/8" Surface FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 17-1/2 INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 2660 SX 8-5/8" 3836 Surface FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 12-1/4 INCHES 3. LONG STRING 4-1/2 INCHES CEMENTED WITH: SX 3400 FEET DETERMINED BY: SQZ HOLE @ 3400' W/35 SXS CMT TOC: 7-7/8 INCHES HOLE SIZE: PKR@ 6360' 4. INJECTION INTERVAL 6430 FEET TO: 6450 FEET PROPOSED (PERFORATED OR OPEN HOLE; INDICATE WHICH) DELAWARE "PERFORATED" PERFS @ **PROPOSED** CIBP 5. TOTAL DEPTH: 11449 FEET CIBP @ 6600' 6. TUBING SIZE PERFS 11324'-11368' 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING 11410 SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: OTHER DATA IS THIS A NEW WELL DRILLED FOR INJECTION?

YES X NO

IF NO, FOR WHAT PURPOSE WAS	THE WELL ORIGINALLY DRILLED?	PRODUCING OIL AND GAS WELL
NAME THE INJECTION FORMATION	H: 6400' SAND (BR	USHY CANYON)
NAME THE FIELD OR POOL (IF APP	PLICABLE) LUSK	(WEST (DELAWARE)
HAS THE WELL EVER BEEN PERFO DETAIL, I.E. SACKS OF CEMENT O		LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED CURRENT OIL AND GAS PODUCTION FROM STRAWN PERI
11324'-11368'. PLAN TO SET	CIBP @ 6600' W/5SXS CMT	ON TOP & PERF DELAWARE @ 6430'-50' CONVERT TO WIW WE
GIVE THE NAME(S) AND DEPTH(S)	OF ANY OVER OR UNDERLYING O	DIL OR GAS ZONES IN THIS AREA:
1. YATES 2600'-2800'	WATKINS YATES	5. STRAWN 11000'-112 LUSK STRAWN OIL
	N.E. LUSK YATES S. LUSK YATES	6. ATOKA 11200'-1140 LUSK ATOKA GAS
2. DELAWARE 4600'-7100'	W. LUSK DELAWARE	7. MORROW 11500'-12 LUSK MORROW GAS
	LUSK DELAWARE	N.W. LUSK MORROW GAS
		N. LUSK MORROW GAS
3. BONE SPRING 8200'-8950		
3. BONE SPRING 8200'-8950	USK BONE SPRING S. LUSK BONE SPRING	N. LUSK MORROW GAS FORM C-108 SECTION III

Development L.P. WATER INJECTION WELL

4. WOLF CAMP 10100'-1070 LUSK WOLFCAMP OIL

E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: S. A. BOWMAN FEDERAL OPERATOR: WELL NO R-32-E 2310' FSL & 2160' FWL SEC-29 T-19-S **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 11-3/4 INCHES CEMENTED WITH: 1000 SX 11-3/4" FEET DETERMINED BY: Circulated Surface HOLE SIZE: 14-3/4 INCHES 2. INTERMIDIATE CASING 1400 8-5/8 SIZE INCHES CEMENTED WITH: SX 8-5/8" 3796 FEET DETERMINED BY: Circulated Surface TOC: 11 HOLE SIZE: INCHES 3. LONG STRING 1610 5-1/2 INCHES CEMENTED WITH: SIZE: .FEET DETERMINED BY: Circulated TOC: 7-7/8 INCHES HOLE SIZE: 6446 FEET 4. INJECTION INTERVAL 6431 FEET TO: (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ X "PERFORATED" 6360 _____6850 FEET **PERFS** 5. TOTAL DEPTH: 6. TUBING SIZE 6850 IPC 505 - PLASTIC COATING 2-7/8 INCHES SIZE: LINED WITH: ARROW SET 1-XS, PKR PACKER AT: 6360 OTHER DATA X NO IS THIS A NEW WELL DRILLED FOR INJECTION?

YES PRODUCING OIL AND GAS WELL IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: B. LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NONE GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. 5. STRAWN 11000'-11200' 1. YATES 2600'-2800' WATKINS YATES LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING **FORM C-108** S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

PROPOSED INJECTION WELL DATA SHEET

Parker & Parsley

OPERATO	R:	Development L.P	•		LEASE:	SOUTHERN CAILFOR	RNIA FEDERAL	
WELL NO	12	1980' FEL				T-19-S	1	
	SCHEMATI	FOOTAGE L	DCATION		SECTION	TOWNSHIP	RANGE	
			1. SUFACI	E CASING		WELL CONSTRUCTION	ON DATA	
			SIZE:	13-3/8	INCHES	CEMENTED WITH:	675	sx
13-3/8"		850'					Circulated	
							Circulated	
			HOLE SIZE:		17-112	INCHES		
			2. INTERM	IIDIATE CA	SING			
8-5/8"		4050'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	775	sx
			TOC:	Surface	· · · · · · · · · · · · · · · · ·	FEET DETERMINED BY:	Circulated	
			HOLE SIZE:	·· · · · · · · · · · · · · · · · · ·	11	INCHES		
			3. LONG S	TRING				
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	1265	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		7-7/8	INCHES		
			4. INJECT	ION INTER	VAL	6425 FEET TO:	6450 FEET	
		PKR @				ED OR OPEN HOLE; INDI	CATE WHICH)	
	N N N N N N N N N N N N N N N N N N N	6360'	F TOTAL	DEPTH:		7200		
	666	PERFS 6425'-6450'		•	/	7200 FEET		
5.4		7200	6. TUBING			·	UDO FOR DI ARTIO COATINO	
5-1	12	1200	SIZE:		INCHES		IPC 505 - PLASTIC COATING	
			SET IN A:	ARROW S	ET 1-XS, I	PACKER AT:	6360 FEET:	
OTHER D	ATA							
A.	IS THIS A NE	EW WELL DRILLED FOR IN	JECTION?	X	YES	NO		
	IF NO, FOR N	WHAT PURPOSE WAS TH	E WELL ORIG	INALLY DRILL	.ED?	N/A		
В.	NAME THE I	NJECTION FORMATION:		6400' SAN	ID (BRUSH	Y CANYON)		
C.	NAME THE F	FIELD OR POOL (IF APPLIC	CABLE)		LUSK WE	ST (DELAWARE)		
D.	HAS THE W	ELL EVER BEEN PERFORA	ATED IN ANY	OTHER ZONE	E(S)? LIST AL	L SUCH PERFORATED IN	TERVALS AND GIVE PLUGGED	
	DETAIL, I.E.	SACKS OF CEMENT OR I	PLUG(S) USE	D	NO			
					· . 			
E.	GIVE THE N	AME(S) AND DEPTH(S) OF	ANY OVER (OR UNDERLY	ING OIL OR O	GAS ZONES IN THIS AREA:		
	1. YATES	2600'-2800'	WATKINS N.E. LUSI			5. STRAWN 11000'-	11200' LUSK STRAWN OIL	
			S. LUSK \	ATES	-	6. ATOKA 11200'-11	400' LUSK ATOKA GAS	
	2. DELAW	/ARE 4600'-7100'	W. LUSK LUSK DE	DELAWARI LAWARE	E -	7. MORROW 11500'	-12000' LUSK MORROW GAS N.W. LUSK MORROW	GAS
	3. BONE S	SPRING 8200'-8950'	WATKINS	BONE SPI	- RING		N. LUSK MORROW GA	S
			LUSK BO	NE SPRING	3	_	FORM C-108 Section III	
				BONE SPRI		- -	APPLICATION FOR AUTHORIZATION TO INJECT	NC
	4. WOLF	CAMP 10100'-10700'	LUSK WO	LFCAMP C	OIL		Parker & Parsley Development L.P.	
			E. LUSK	WOLFCAMI WOLFCAMI	POIL	<u></u>	WATER INJECTION WELL TABULATION OF WELL DATA	

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley LEASE: SOUTHERN CAILFORNIA FEDERAL OPERATOR: Development L.P. 1980' FNL & 1980' FEL SEC-29 T-19-S R-32-E WELL NO 10 **FOOTAGE LOCATION** SECTION TOWNSHIP ' RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES CEMENTED WITH: 675 SX SIZE: 13-3/8" Circulated TOC: FEET DETERMINED BY: 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 775 SX 8-5/8 Circulated Surface FEET DETERMINED BY: TOC: 11 INCHES 3. LONG STRING 1265 SIZE: 5-1/2 INCHES CEMENTED WITH: SX Surface FEET DETERMINED BY: Circulated TOC: 7-7/8 HOLE SIZE: 6425 FEET TO: 6450 4. INJECTION INTERVAL FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ Ø Ø "PERFORATED" 6360 5. TOTAL DEPTH: 7200 **PERFS** FEET 6425'-6450' 6. TUBING SIZE 5-1/2 LINED WITH: 2-7/8 INCHES IPC 505 - PLASTIC COATING SIZE: ARROW SET 1-XS, PKR _____ PACKER AT:___ 6360 FEET: SET IN A **OTHER DATA** IS THIS A NEW WELL DRILLED FOR INJECTION? X YES NO N/A IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: B. LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) D. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES 5. STRAWN 11000'-11200' LUSK STRAWN OIL 1. YATES 2600'-2800' N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS W. LUSK DELAWARE 7. MORROW 11500'-12000' LUSK MORROW GAS 2. DELAWARE 4600'-7100' LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL

S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR	 	LE	ASE			
	1 WELL NO.	1980' FNL & 660' FEL	SE	EC-29	T-19-S		
		PRODUCING OIL AND G				E: 3/23/62	
	SCHEMATIC	1. SUFACE C	ASING		TABULAR DATA		
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	950	sx
		тос: Su	urface		FEET DETERMINED BY:	Circulated	
13-3/8"	826'	HOLE SIZE:	17	-1/2	INCHES		
		2. INTERMIDI	ATE CASII	NG			
		SIZE:	9	INCHES	CEMENTED WITH:	2725	sx
		TOC: St	urface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		12-1/4	· INCHES		
9		3. LONG STR	ING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	2140	sx
		TOC:	2450		FEET DETERMINED BY:	est. top of cmt sqz	<u></u>
		HOLE SIZE:	7-	7/8	INCHES		
		4. TOTAL DE	PTH:	12834	FEET		
		5. PERFORA	TIONS	6448	FEET TO:	6 4 58 FEET	
	PERFS		(PE		ED OR OPEN HOLE ; INE	DICATE WHICH)	
	PERFS 6448'-645	8'					
	PBTD CM RET @ 78 W/150 SX	12'					
	PERFS 6448'-645 PBTD CM' RET @ 78 W/150 SX: RET @ 11 W/160 SX: PERFS 11410'-114					FORM C-108 SECTION VI	
	PERFS 11410'-114	430'			APPLICAT	TION FOR AUTHORIZATION TO INJECT	
5-	12834'					arker & Parsley evelopment L.P.	

WATER INJECTION WELL

Parker & Parsley							
Development L.P. OPERATOR				SOUTHER	RN CALIFORNIA FEDE	RAL	
UPERATUR				LEAGE			
3	1980' FSL & 1			SEC-29	T-19-S		
WELL NO.	FOOTAGE LOCA	ATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PLUGGED &	ABANDON	ED	-	SPUD DATE:	10/24/63	
SCHEMATIC					TABULAR DATA		
		1. SUFAC	E CASING				
	96' CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	600	sx
	75 SXS CMT @ 711'-811'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"	899'	HOLE SIZE:	-	17-1/2	INCHES		
	SIDE TRACKED ON RE-ENTRY	2. INTERN	MIDIATE C	ASING			
	@ 2100'-2373'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1700	sx
	150 SXS CMT @ 2175'-2304'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		11	INCHES		
	25 SXS CMT @ 4490'	3. LONG	3. LONG STRING		·		
8-5/8"	4604'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
\$ 1.00 m (1.00 m)	4-1/2" STUB		40400			Taman Suman	
	5 SXS CMT ② 4700'	TOC:	10100	<u></u> .	FEET DETERMINED BY:	remp. Survey	
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	11406	FEET		
		5. PERFO	RATIONS				
1 1 1				11330 (PERFORAT	ED OR OPEN HOLE; INDI	11340 FEET CATE WHICH)	
					PERFORATED" PERFORATED IN AN ED INTERVALS AND (
: :: :::::::::::::::::::::::::::::::::		DETAIL	_, I.E. SAC	KS OF CEM	ENT OR PLUG(S) USI	D. NONE	

						FORM C-108 SECTION VI	
					APPLICA	TION FOR AUTHORIZATION	
	25 SXS CMT					Parker & Parsley	
	PERFS					Development L.P.	

WATER INJECTION WELL
TABULATION OF WELL DATA

11330'-11340'

11406'

Parker & Parsley

Deve	elopment L.P.			SOUTHER	N CALIFORNIA FED	ERAL		
OPERA	TOR			LEASE				
	5	1980' FSL & 1980' FE	L	SEC-29	T-19-S	R-32	2-E	
_	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP			
	TYPE OF WELL:	PRODUCING OIL AN	O GAS WEI	_L	SPUD DATE	≣: <u>1</u>	2/5/87	
	SCHEMATIC	1. SUFACI	E CASING		TABULAR DATA			
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	7	35	sx
		TOC:	Surface		FEET DETERMINED BY:	Circ	culated	
13-3/8"	880'	HOLE SIZE:		17-1/2	INCHES			
	; ;	2. INTERM	IDIATE CA	SING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2	350	sx
	4474'	TOC:	Surface		FEET DETERMINED BY:	Circ	culated	
		HOLE SIZE:		12-1/4	INCHES			
8-5/8'	4474'	3. LONG S	TRING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	8_	000	sx
		TOC:	4210		FEET DETERMINED BY:	Cmt B	ond Log	
	4474'	HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL	DEPTH:	7200	FEET			
		5. PERFOI	RATIONS	6426	FEET TO:	6444	FEET	
				(PERFORATI	ED OR OPEN HOLE; INC "PERFORA"			
	TBG@ 638 PERFS 6426'-644	33'				FORM C-108 SECTION VI		
	PERFS 6426'-644	14 '			APPLICAT	TON FOR AUTHO	RIZATION	
5-	7199'					arker & Parsle evelopment L.	-	

WATER INJECTION WELL

	er & Parsley lopment L.P.			SOUTHER	RN CALIFORNIA FEE	DERAL		
OPERA	_ 			LEASE				
	7	2210' FNL & 2260' FV	V L	SEC-29	T-19-S	R-3.	2-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHI		GE	
	TYPE OF WELL:	PRODUCING OIL AN	ID GAS WE	LL	_ SPUD DAT	'E:3	/24/88	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA			
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	·····	735	sx
			Surface		FEET DETERMINED BY	Circ	culated	
13-3/8"	903			17-1/2	INCHES			
		2. INTERN	MIDIATE CA	ASING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2	450	sx
		TOC:	Surface		FEET DETERMINED BY	Circ	culated	
		HOLE SIZE:		12-1/4	INCHES			
8-5/8"	4500°	3. LONG S	STRING			•		
	4500'	SIZE:	5-1/2	INCHES	CEMENTED WITH:		600	sx
		TOC:	4000)	_FEET DETERMINED BY	Cmt B	ond Log	
		HOLE SIZE:	<u></u>	7-7/8	INCHES			
		4. TOTAL	DEPTH:	7204	FEET			
		5. PERFO	RATIONS	6429) FEET TO:	644 2	FEET	
					ED OR OPEN HOLE; IN			
					"PERFORA	TED"		
						FORM C-108		
	TBG@ 6	500'				SECTION VI		
	TBG@ 69				APPLICA	TION FOR AUTHO	RIZATION	
	PERFS 6429'-64	· · -			F	Parker & Parsle	€V	
5-	7204'					evelopment L		

WATER INJECTION WELL

Parker & Parsley Development L.P.

PLAINS UNIT

	Topinent E.i .			1 1 1110 01			_	
OPERA	TOR			LEASE				
	2	1980' FNL & 660' FWL		SEC-28	T-19-S	R-32	-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP			
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEI	<u></u>	SPUD DATE:	3/	19/63	
	SCHEMATIC	1. SUFACE	CASING		TABULAR DATA			
						-	.	
		SIZE:	13-3/8	INCHES	CEMENTED WITH:		50	SX
13-3/8"	7773'	TOC:	Surface		FEET DETERMINED BY:	Circ	ulated	
10-370		HOLE SIZE:		17-1/2	INCHES			
		2. INTERMI	IDIATE CA	SING				
		SIZE:	9-5/8	INCHES	CEMENTED WITH:	42	:50	sx
		TOC:	Surface		FEET DETERMINED BY:	Circ	ulated	
		HOLE SIZE:		12-1/4	INCHES			
9-5/8	4597	3. LONG S	TRING					
	4597'	SIZE:	7	INCHES	CEMENTED WITH:	75	50	sx
		TOC:	4490		FEET DETERMINED BY:	Temp.	Survey	
		HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL [DEPTH:	12996	FEET			
		5. PERFOR	RATIONS					
				11432	FEET TO:	12530	FEET	
				(PERFORATE	ED OR OPEN HOLE; INDI PERFORATI	·		
						FORM C-108 SECTION VI		
	PERFS 11432'-1	2530 [,]			APPLICATI	ON FOR AUTHO	RIZATION	
					D.	wkaw 9 Dawala		
	7" 12765'					rker & Parsley velopment L.F		

WATER INJECTION WELL

WELL DATA SHEET Parker & Parsley Development L.P. PLAINS UNIT FEDERAL OPERATOR LEASE 1980' FSL & 760' FWL SEC-28 T-19-S R-32-E TOWNSHIP RANGE **FOOTAGE LOCATION SECTION** PRODUCING OIL AND GAS WELL SPUD DATE: 12/4/81 TYPE OF WELL: TABULAR DATA 1. SUFACE CASING SCHEMATIC 750 SIZE: 13-3/8 INCHES CEMENTED WITH: SX FEET DETERMINED BY: Circulated тос: Surface HOLE SIZE: 17-1/2 INCHES 13-3/8" 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: SIZE: 700 TOC: Surface FEET DETERMINED BY: Circulated HOLE SIZE: 12-1/4 INCHES 8-5/8" 3. INTERMIDIATE CASING 7 INCHES CEMENTED WITH: 250 SX SIZE: 8796 FEET DETERMINED BY: Temp. Survey TOC: HOLE SIZE: 8-1/2 4. LONG STRING 5-1/2 INCHES CEMENTED WITH: 250 10714 FEET DETERMINED BY: Calculated

HOLE SIZE: 7-7/8 INCHES

5. TOTAL DEPTH: 11485

6. PERFORATIONS

PERFS

11485

5-1/2"

11390'-11480'

11390 FEET TO: 11480 FEE (PERFORATED OR OPEN HOLE; INDICATE WHICH)

"PERFORATED"

FEET

FORM C-108
SECTION VI
APPLICATION FOR AUTHORIZATION
TO INJECT

Parker & Parsley Development L.P.

WATER INJECTION WELL TABULATION OF WELL DATA

PAN	AMERI	CAN	PET.	CORP
-----	--------------	-----	------	------

4111'

pan american p	EI. CORP.			PLAINS U	NIT			
OPERATOR				LEASE				
3	1980' FSL	. & 660' FWL		SEC-28	T	-19-S	R-32-E	
WELL NO.	FOOTAGE L	OCATION		SECTION	TO	OWNSHIP	RANGE	
TYPE OF WELL:	PLUGGE	D & ABANDON	ED	_	SPUD	DATE:	7/6/63	3
SCHEMATIC		1. SUFAC	E CASING		TABULAR	<u>DATA</u>		
	10 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTE	O WITH:	750) s
13-3/8"		TOC:	Surface		FEET DETERM	INED BY:	Circulate	d
	843'	HOLE SIZE:		17-1/2	IN	iCHES		
		2. INTERN	MIDIATE CA	ASING				
		SIZE:	N/A	INCHES	CEMENTE	WITH:	N/A	s
13-3/8"	843'	TOC:	N/A		FEET DETERM	INED BY:	N/A	
	110 SXS CMT @ 743'-943'	HOLE SIZE:		11	IN	ICHES		
@ 143-		3. LONG	STRING					
		SIZE:	N/A	INCHES	CEMENTED	WITH:	N/A	s
	300 SXS CMT	TOC:	N/A		FEET DETERM	INED BY:	N/A	
	@ 3093'-3350'	HOLE SIZE:		N/A	IN	ICHES		
	SIDE TRACKED ON RE-ENTRY	4. TOTAL	DEPTH:	4111	F1	EET		
	@ 3300,	5. PERFO	RATIONS					
				·	ED OR OPEN HO	ED"		_FEET
СМТ					PERFORATE D INTERVAL			` '
@3300'	# 				ENT OR PLU			NONE
i Tananan		-						-
							FORM C-10	8
		26, 1963 WHILE DRILLING ENT FISHING OPERATION					SECTION V	
· · · · · · · · · · · · · · · · · · ·	12 COLLU- A CEMENT COMMENC	ARS IN THE HOLE. TOP FPLUS WAS SET FROM CED IN AN UNDETERMIN	OF FISH TO 3535 I TOP OF FISH TO NED DIRECTION 1	'. AFTÉR FISHING !) 3300'. DRILLING ! (O BY-PASS THE J	FOR SEVEN DAYS, WAS UNK IN HOLE.	APPLICA	TION FOR AUT TO INJECT	
;	AFTER DR ONCE AGA 4005' HOLE AND	IABLE TO GET WHIPSTO PILLING THE SIDE TRAC AIN. TOP OF FISH AT 30 MOVED LOCATION. LE	K HOLE TO DEPT 367' AFTER FISH!! EFT THREE DRILL	'H OF 4005', THE D NG FOR TWO DAY: L COLLARS, JARS /	RILL PIPE STUCK S ABANDON THE AND BIT IN HOLE.		Parker & Pars Development i	•
- :	ABANDON	IED BY SPOTTING 300 S XS CMT @ SURFACE.	XS CMT PLUG @	3093'-3350' ; 110 \$	SXS @ 743'-943' :	WA	TER INJECTIO	N WELL

TEVAO	O INC				DOMBAAN			
OPERATOI		. <u>. </u>			BOWMAN LEASE			
	1 WELL NO.	2310' FNL &			SEC-29	T-19-S TOWNSHIP		
т	YPE OF W ELL	PLUGGED 8	& ABANDON	ED	_	SPUD DATE:	10/10)/67
	SCHEMAT	nc	1. SUFAC	E CASING		TABULAR DATA		
		20'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
		CUT 8-5/8" CSG 100' TO SURFACE	TOC:	Surface		FEET DETERMINED BY:	Circu	lated
			HOLE SIZE:		11	INCHES		
			2. INTERN	MIDIATE C	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
			3. LONG	STRING				
8-5/8"		880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	700	SX SX
			TOC:	Surface		FEET DETERMINED BY:	Circu	lated
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2770	FEET		
			5. PERFO			FEET TO: ED OR OPEN HOLE; INDIC PERFORATED" PERFORATED IN AN		FEET
						ED INTERVALS AND G ENT OR PLUG(S) USE		N/A
		CMT PLUG @ 2250'-2350'						
						APP	FORM C-108 SECTION VI LICATION FOR AUTHO TO INJECT	ORIZATION
		CMT PLUG @ 2580'-2680'					Parker & Parsie	•

WATER INJECTION WELL TABULATION OF WELL DATA

KINCA						AN FEDERAL	- <u></u>	
OPERATO	R				LEASE			
	1	330' FSL &	2310' FWL		SEC-29	T-19-S	R-32-	<u>E</u>
	WELL NO.	FOOTAGE LO	OCATION		SECTION	TOWNSHIP	RANGI	•
T	YPE OF WELL:	PLUGGED	& ABANDON	ED	_	SPUD DATE:	8/1	5/57
	SCHEMATIO	c	1. SUFAC	E CASING		TABULAR DATA		
\$		10 SXS CMT @ SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
			TOC:	Surface		FEET DETERMINED BY:	Circu	ılated
			HOLE SIZE:		11	INCHES		
			2. INTERN	MIDIATE C	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
			3. LONG	STRING			•	
8-5/8"		880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	60	0 sx
			TOC:	250		FEET DETERMINED BY:	Temp.	Survey
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2770	FEET		
			5. PERFO		·	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED"	·	FEET
			LIST A	LL SUCH F	ERFORATE	PERFORATED IN ANY D INTERVALS AND G ENT OR PLUG(S) USE	IVE PLUGGED	NONE
		CMT PLUG @ 2500'-2690'						
		CMT PLUG @ 2500'-2690'					FORM C-108 SECTION VI	
						APPI	ICATION FOR AUTI TO INJECT	IORIZATION
							Parker & Parsi Development L	

WATER INJECTION WELL
TABULATION OF WELL DATA

TEXACO INC			SA BOWMAN FEDERAL					
OPERATOR			LEASE					
4	990' FSL & 1659' FEL		SEC-29	T-19-S				
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE			
TYPE OF WELL:	PLUGGED & ABANDON	IED	_	SPUD DATE:	12/8/87			
SCHEMATIC	1. SUFAC	CE CASING		TABULAR DATA				
	SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000	sx		
11-3/4" 9.	TOC:	Surface		FEET DETERMINED BY:	Circulated			
11-3/4		:	14-3/4	INCHES				
	2. INTER	MIDIATE C	ASING					
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1800	sx		
	TOC:	Surface		FEET DETERMINED BY:	Circulated			
8-5/8" 384:		:	11	INCHES				
	3. LONG	STRING						
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	1750	sx		
	TOC:	Surface		FEET DETERMINED BY:	Circulated			
	HOLE SIZE	:	7-7/8	INCHES				
	4. TOTAL	DEPTH:	6850	FEET				
	5. PERFO	PRATIONS		6428 FEET TO:	6139 FEET			
			(PERFORAT	ED OR OPEN HOLE; INDI PERFORATED"	CATE WHICH)			
				PERFORATED IN AN				
				ED INTERVALS AND (ENT OR PLUG(S) USI				
35' CM	т —							
CIBP (<u> </u>							
PERFS	3				FORM C-108 SECTION VI			
6428'-6 35' CN	3139' IT			APPLICA	TION FOR AUTHORIZATION			
CIBP CIBP 6850	@ 6650'				Parker & Parsley Development L.P.			

WATER INJECTION WELL

Park	(er	&	Pa	rs	ley	
Dev	elo	pn	ner	ıt l	L.P	j,

NEW MEXICO "DH" STATE

OPERATOR				LEASE			
1 WELL NO.	330' FNL &			SEC-32	T-19-S TOWNSHIP		
TYPE OF WELL:		& ABANDONE)		SPUD DATE:		
SCHEMATIC		4 645465	CASING		TABULAR DATA		
	10 SXS CMT @ SURFACE	1. SUFACE SIZE:		INCHES	CEMENTED WITH:	530	s x
					FEET DETERMINED BY:		
		HOLE SIZE: _		11	INCHES		
		2. INTERMI	DIATE CA	SING			
		SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
	30 SXS CMT @ 850'-950'	HOLE SIZE:		N/A	INCHES		
8-5/8"	900,	SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
		HOLE SIZE: _		7-7/8	INCHES		
		4. TOTAL D		3508	FEET		
		5. PERFORA		•	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED" PERFORATED IN AN	·	
	40 SXS CMT @ 2360'-2500'	LIST ALL	SUCH P	ERFORATE	ED INTERVALS AND G	SIVE PLUGGED	N/A
					ADDITION	FORM C-108 SECTION VI	ZATION
					AFFLIOA	TO INJECT Parker & Parsley	SATION
					WA	Development L.P.	-L
	0.500				TABL	JLATION OF WELL DA	ATA

Parker & Parsley

- arker & raisicy							
Development L.P.				NEW MEX	ICO "DH" STATE		
OPERATOR			1	LEASE			
	380' FNL & 3				T-19-S	R-32-E	
WELL NO.	FOOTAGE LO	CATION	;	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PLUGGED 8	& ABANDONED			SPUD DATE: _	3/12/71	
SCHEMATIC					TABULAR DATA		
	10 SXS CMT	1. SUFACE C	ASING				
	@ SURFACE	SIZE:	10-3/4	INCHES	CEMENTED WITH:	680	sx
		TOC: S	urface		FEET DETERMINED BY:	Circulated	
10-3/4	900'	HOLE SIZE:		17-1/2	INCHES		
		2. INTERMID	IATE CAS	SING			
		SIZE:	7-5/8	INCHES	CEMENTED WITH:	350	sx
		TOC: S	urface		FEET DETERMINED BY:	Circulated	
CIBP	10 SXS CMT CIBP @ 2700	HOLE SIZE:		11	INCHES		
7-5/8"	2800'	3. LONG STR	RING				
	2000	SIZE:	4-1/2	INCHES	CEMENTED WITH:	154	sx
		TOC:	4400		FEET DETERMINED BY:	Temp. Survey	
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL DE	PTH:	5050	FEET		
		5. PERFORA	TIONS	4760	FEET TO:	4816 FEET	
	4-1/2" PULLED		,		ED OR OPEN HOLE; IND PERFORATED"	ICATE WHICH)	
CIBP		LIST ALL	SUCH PE	RFORATE	PERFORATED IN AN D INTERVALS AND ENT OR PLUG(S) US		
						FORM C-108	
					APPI IC	SECTION VI ATION FOR AUTHORIZAT	ION
CIBP	3 SXS CMT CIBP @4742'				AFFLIC	TO INJECT	·OH
	PERFS 4760'-4816'					Parker & Parsley Development L.P.	
4-1/2"	1					ATER INJECTION WELL	
4-1/2"	5050'				TAB	ULATION OF WELL DATA	

Parker & Parsley						
Development L.P.			FORAN "N	F" SATE		
OPERATOR			LEASE			
1	330' FNL & 1980' FEL		SEC-32	T-19-S	R-32-F	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP		
TYPE OF WELL:	PLUGGED & ABANDON	(ED		SPUD DATE:	12/16/87	
	T EGGGED & ADAILEG		•	5. 55 5A.L.	12/10/01	
				TABULAD DATA		
SCHEMATIC	1. SUFAC	CE CASING		TABULAR DATA		
200 000	SXS CMT SURFACE	40.00			700	
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	760	sx
		Surface		FEET DETERMINED BY:	Circulated	
	5 SXS CMT		17-1/2	INCHES		
13-3/8" 89	90' HOLE SIZE	···	11.172	MONEO		
	2. INTER	MIDIATE CA	SING			
	SIZE:	8-7/8	INCHES	CEMENTED WITH:	1555	sx
		Conform		· 	Circulated	
	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			11	INCHES		
5224	SXS CMT 800'-4000' 3. LONG	STRING				
8-5/8"	'					
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	545	sx
3900	TOC:	4300		FEET DETERMINED BY:	Temp. Survey	
	HOLE SIZE	i	7-7/8	INCHES		
	HOLE GIZE		1770			
	4. TOTAI	L DEPTH:	6588	FEET		
	5. PERFO	DRATIONS				
			5664	FEET TO:	5681 FEET	
			(PERFORA II	ED OR OPEN HOLE; INDI- PERFORATED"	CATE WHICH)	
				PERFORATED IN AN		
				ED INTERVALS AND (ENT OR PLUG(S) USI		N/A
	-					·
					FORM C-108 SECTION VI	
				APPLICA	TION FOR AUTHORIZAT	ION
35' CMT CIBP @ PERFS @ 5664	r				TO INJECT	
CIBP @					Parker & Parsley Development L.P.	
PERFS				***	TER INJECTION WELL	
CIBP @ PERFS @ 5664	4'-56 81'					
5-1/2" 6588'				IABU	JLATION OF WELL DATA	•

	∮ 9	+	3 4	2 % %4-	-B # 1-A
18 13• 41	1 1 1 1 1 1 1 1	.7 +2	1	2 • 1 • 1 · B • · · · · · · · · · · · · · · · · ·	B 8
ф1 ф1	•¹ •3 •22	19	▼ ²	≠ 1	ф 2
+1 +2 +2 +2 +5	≈ ⁷	21 4 4 4 1	▼ ⁴ 1 •3	• 1	2 2
• !	•1.	8 A ¹¹ 7 1	• 2	• 1	• 1
•! 30 •2 •1	SO CAILF 7 FEBERAL SA SOUTHAN SOUTHAN SOUTHAN SOUTHAN SOUTHAN SOUTHAN SOUTHAN SOUTHAN FEDERAL 4 SA BOWMAN FEDERAL SOUTHAN SOUT	5 SO CARLE FEDERAL 3 SO CARLE FEDERAL	28 Y x 5	€ • 1	27
1• •¹ 31	• 1 • 4 • 1 NEV PEXICO CR STATE 3 2	FORAN 1 NM DH 1 1 NM DH STATE NAT STATE NAT STATE NAT DH STATE	√ 9 •¹ 33		34 +1

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL OPERATOR: 1980' FEL & 660' FSL WELL NO 12 **SEC-29** T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 675 SIZE: INCHES CEMENTED WITH: 850 13-3/8" TOC: Surface FEET DETERMINED BY: Circulated 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 775 8-5/8 INCHES SIZE: CEMENTED WITH: SX 4050 FEET DETERMINED BY: Circulated Surface TOC: 11 HOLE SIZE: INCHES 3. LONG STRING 1265 5-1/2 inches CEMENTED WITH: ___ Circulated Surface TOC: FEET DETERMINED BY: 7-7/8 HOLE SIZE: INCHES 4. INJECTION INTERVAL 6425 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR @ Ø "PERFORATED" 6360 7200 FEET PERFS 5. TOTAL DEPTH: 6425'-6450' 6. TUBING SIZE 7200 5-1/2" 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 OTHER DATA IS THIS A NEW WELL DRILLED FOR INJECTION? X YES IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? N/A 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: B. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO E. GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: 1. YATES 2600'-2800' WATKINS YATES 5. STRAWN 11000'-11200' LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** N.W. LUSK MORROW GAS LUSK DELAWARE N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL

S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL
TABULATION OF WELL DATA

PROPOSED INJECTION WELL DATA SHEET

Parker & Parsley

OPERA	TOR:	Development L.	•		LEASE:	SOUTHER	RN CAILFOR	RNIA FEDERAL	
WELL	4	1650' FS	L & 990' F	<u>EL</u>	SEC-29		T-19-S	R-32-E	
	SCHEMATI		LOCATION		SECTION		TOWNSHIP	RANGE	
	DSDM	1 15450 FXX2				WELL CO	NSTRUCTION	ON DATA	
			1. SUFAC	E CASING					
			SIZE:	13-3/8	INCHES	CEMEN	ITED WITH: -	775	sx
13-3/8"		877'	TOC:	Surface		FEET DETE	RMINED BY:	Circulated	
			HOLE SIZE:		17-1/2		INCHES		
			2. INTERN	MIDIATE CA	ASING				
			SIZE:	8-5/8	INCHES	CEMEN	ITED WITH:	2660	sx
8-5/8	1881 °	3836'	TOC:	Surface		FEET DETE	RMINED BY: _	Circulated	
			HOLE SIZE:		12-1/4	<u></u>	INCHES		
			3. LONG S	STRING					
			SIZE:	4-1/2	INCHES	CEMEN	ITED WITH: _	600	sx
			TOC:	3400		FEET DETE	RMINED BY:	SQZ HOLE @ 3400' W/35 SXS CMT	
			HOLE SIZE:		7-7/8		INCHES		
		PKR @ 6360'	A IN IECT	ION INTER	.VAL	6430	- FEET TO:	6450 FEET	
	CIB	PROPOSED DELAWARE PERFS @	4. INJECT	ION INTER	(PERFORAT		HOLE; INDI	CATE WHICH)	
		PROPOSED CIBP @	5. TOTAL	DEPTH:		11449	FEET		
		6600'	6. TUBING	SIZE					
	######################################	PERFS 11324'-11368'	SIZE:	2-7/8	INCHES	LINED WITH	ı: 1	PC 505 - PLASTIC COATING	
				5	_				
4	I-1/2" 🕮	, 11410	SET IN A:	ARROWS	SET 1-XS, I	- NN	_PACKER AT:	6360 FEET:	
OTHER	DATA								
A.	IS THIS A NE	EW WELL DRILLED FOR	INJECTION?		YES	x	_ N O		
	IF NO. FOR \	WHAT PURPOSE WAS T	HE WELL OR	IGINALLY DR	ILLED?		- PRODUCII	NG OIL AND GAS WELL	
						·			
В.	NAME THE I	NJECTION FORMATION		6400' SAN	ID (BRUSH	Y CANYOI	۷)		
C.	NAME THE F	FIELD OR POOL (IF APPI	LICABLE)		LUSK WE	ST (DELAV	VARE)		
D.		ELL EVER BEEN PERFO SACKS OF CEMENT OF			NE(S)? LIST			NTERVALS AND GIVE PLUGGED GAS PODUCTION FROM STRAWN PERI	FS
						-		ARE @ 6430'-50' CONVERT TO WIW WE	
E.	GIVE THE N	AME(S) AND DEPTH(S) (OF ANY OVE	R OR UNDER	LYING OIL OF	GAS ZONES	S IN THIS ARE	4 :	
		2600'-2800'	WATKINS				-	12 LUSK STRAWN OIL	
	1. //(120	2000	N.E. LUSI	YATES	- -				
			S. LUSK Y		_		····	40 LUSK ATOKA GAS	
	2. DELAW	/ARE 4600'-7100'	W. LUSK LUSK DEI	DELAWARI LAWARE	<u>E</u>	7. MORRO	OW 11500'-	12 LUSK MORROW GAS N.W. LUSK MORROW GAS	
	3 BONE 9	SPRING 8200'-8950	WATKING	BONE SPI	- RING			N. LUSK MORROW GAS	
	<u> </u>		LUSK BO	NE SPRINC	3	_		FORM C-108	
				SONE SPRI		-		SECTION III APPLICATION FOR AUTHORIZATION	
			E. LUSK E	BONE SPRI	ING	-		TO INJECT Parker & Parsley	
	4. WOLF	CAMP 10100'-1070		·	_			Development L.P.	
				NOLFCAMI NOLFCAMI		-		WATER INJECTION WELL	
			3. LUSK 1	VOLFCAMI	r UIL	_			

PROPOSED INJECTION WELL DATA SHEET Parker & Parslev **Development L.P.** LEASE: S. A. BOWMAN FEDERAL OPERATOR: 2310' FSL & 2160' FWL SEC-29 WELL NO 5 T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP **RANGE** SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 11-3/4 INCHES 1000 CEMENTED WITH: SX 895 11-3/4" FEET DETERMINED BY: Circulated Surface TOC: 14-3/4 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 1400 8-5/8" 3796 FEET DETERMINED BY: Circulated TOC: Surface HOLE SIZE: 11 INCHES 3. LONG STRING 5-1/2 INCHES 1610 CEMENTED WITH: SX FEET DETERMINED BY: Circulated 7-7/8 INCHES HOLE SIZE: 4. INJECTION INTERVAL **6431** FEET TO: 6446 FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ "PERFORATED" 6360 5. TOTAL DEPTH: 6850 FEET PERFS 6431'-6446' 6. TUBING SIZE 6850 5-1/2" 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: OTHER DATA X NO IS THIS A NEW WELL DRILLED FOR INJECTION?

YES PRODUCING OIL AND GAS WELL IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: В. LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NONE GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES LUSK STRAWN OIL 1. YATES 2600'-2800' 5. STRAWN 11000'-11200' N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** 2. DELAWARE 4600'-7100' LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING **FORM C-108** LUSK BONE SPRING S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

PROPOSED INJECTION WELL DATA SHEET

Parker & Parsley

Development I. P.

PERATO	R: <u>D</u>	evelopment L.P	•	-	LEASE:	SOUTHE	RN CAILFO	RNIA FEDI	ERAL	
ELL NO	6_	990' FSL 8			SEC-29	·	T-19-S		R-32-E	
9	SCHEMATIC	FOOTAGE L	OCATION		SECTION		TOWNSHIP		RANGE	
5281		222 1523				WELL C	ONSTRUCTI	ON DATA		
			1. SUFAC	E CASING						
13-3/8"		881'	SIZE:	13-3/8	INCHES	СЕМЕ	ENTED WITH:		735	sx
13-3/8"			TOC:	Surface		FEET DET	ERMINED BY:		Circulated	
			HOLE SIZE:		17-1/2		INCHES			
			2 INTERN	MIDIATE CA	SING		-			
				8-5/8		OFME	TAITED LAGTIL		2600	
8-5/8"		4498'	SIZE:				ENTED WITH:			SX
							ERMINED BY:		Circulated	
			HOLE SIZE:		12-1/4		INCHES			
			3. LONG S	STRING						
			SIZE:	5-1/2	INCHES	СЕМЕ	ENTED WITH:		940	sx
			TOC:	4200		FEET DET	ERMINED BY:	C	ALCULATED	
			HOLE SIZE:		7-7/8		INCHES			
									6399 FEET	
		PKR @			(PERFORATI		N HOLE ; INDI			
		6320'			7.	iki Oka	120			
		PERFS 6389-6399	5. TOTAL	DEPTH:	 	7200	FEET			
		0309-0389	6. TUBING	SIZE						
5-1/2		7145'	SIZE:	2-7/8	INCHES	LINED WIT	H:	IPC 505 -	PLASTIC COATING	
			SET IN A:	ARROW S	ET 1-XS, F	PKR	PACKER AT:	:	6320 FEET:	
THER DA	TA									
A. I	S THIS A NEW	WELL DRILLED FOR IN	JECTION?		YES	X	NO			
1	F NO, FOR WH	AT PURPOSE WAS THE	WELL ORIG	INALLY DRILL	ED?		PRODUCI	NG OIL AN	ND GAS WELL	
_										
В. 1	NAME THE INJI	ECTION FORMATION:		6400' SAN	D (BRUSH	Y CANYO)N)			
C. 1	NAME THE FIE	_D OR POOL (IF APPLIC	ABLE)		LUSK WE	ST (DELA	WARE)			
		EVER BEEN PERFORA	·					TERVALS AN	ID GIVE PLUGGED	
		ACKS OF CEMENT OR F			NO					
_						-			- · · · · · · · · · · · · · · · · · · ·	
E . (GIVE THE NAM	E(S) AND DEPTH(S) OF	ANY OVER (OR UNDERLYI	NG OIL OR G	AS ZONES	IN THIS AREA:			
_	1. YATES 20	600'-2800'	WATKINS	YATES		5. STRA	WN 11000'-	11200'	LUSK STRAWN OIL	-
			N.E. LUSK Y			6. ATOK	A 11200'-11	400'	LUSK ATOKA GAS	
;	2. DELAWAF	RE 4600'-7100'	W. LUSK	DELAWARE	Ē	7. MORF	ROW 11500'	-12000'	LUSK MORROW G	AS
			LUSK DEI	LAWARE					N.W. LUSK MORROW	
	3. BONE SP	RING 8200'-8950'				-				
				NE SPRING					FORM C-108 SECTION III	
				BONE SPRI		- -		APPL	ICATION FOR AUTHORIZ TO INJECT	ATION
	4. WOLF CA	MP 10100'-10700'	LUSK WO	DLFCAMP O	1L				Parker & Parsley Development L.P.	
•			E. LUSK V	VOLFCAME	OIL	<u>.</u>			WATER INJECTION WEL	L
			S. LUSK \	NOLFCAME	UIL	_				

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR			LEASE			
		1980' FSL & 1980' FE	L				
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	<u>LL</u>	SPUD DATE	: 12/5/87	
	SCHEMATIC Doctor	1. SUFAC	E CASING		TABULAR DATA		
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	735	sx
		TOC:	Surface		_FEET DETERMINED BY:	Circulated	
13-3/8"	880	HOLE SIZE:		17-1/2	INCHES		
		2. INTERN	IIDIATE CA	SING			
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2350	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	··
		HOLE SIZE:		12-1/4	INCHES		
8-5/8"	4474'	3. LONG S	TRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	800	sx
	4474'	TOC:	4210		FEET DETERMINED BY:	Cmt Bond Log	9
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	7200	FEET		
		5. PERFO	RATIONS	6426	FEET TO:	6444 FE	ET.
					TED OR OPEN HOLE; IND		,
	TBG@ 63 PERFS 6426'-64				"PERFORAT		
	П П ТВG@ 63	83'				FORM C-108 SECTION VI	
	TBG@ 63 PERFS 6426'-64				APPLICAT	ION FOR AUTHORIZATIO	ON
5-	7199'					arker & Parsley evelopment L.P.	

WATER INJECTION WELL

Parker & Parsley

			•
Devel	opmei	nt L	P.

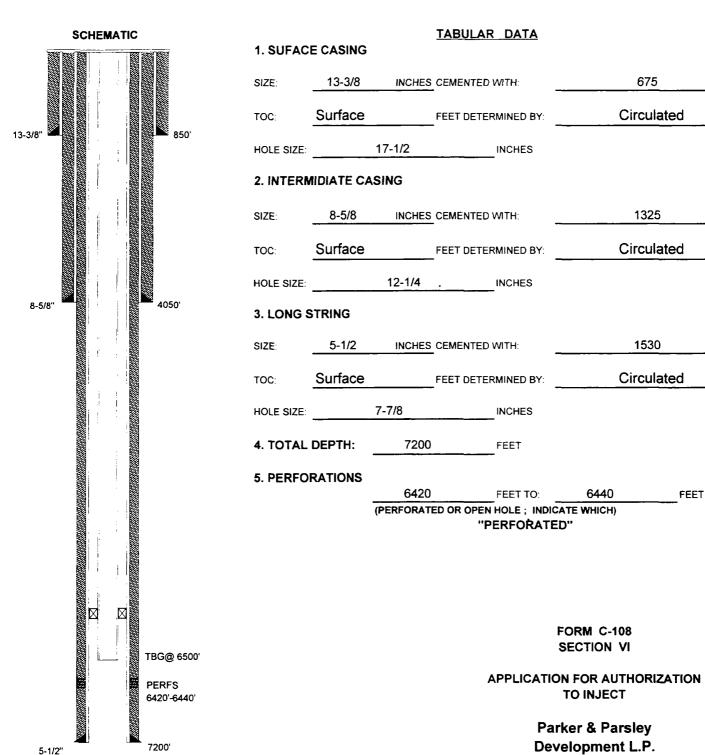
SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR			LEASE	RN CALIFORNIA FEDE	IVAL	
	7	2210' FNL & 2260' FW	/L	SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP		
	TYPE OF WELL:	PRODUCING OIL AND	O GAS WEI	LL	SPUD DATE:	3/24/88	
	SCHEMATIC	1. SUFACE	E CASING		TABULAR DATA		
		SIZE:	13-3/8	INCHE	S CEMENTED WITH:	735	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"	903.	HOLE SIZE:		17-1/2	INCHES		
		2. INTERM	IIDIATE CA	SING			
		SIZE:	8-5/8	INCHE	S CEMENTED WITH:	2450	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
	4500'	HOLE SIZE:		12-1/4	INCHES		
8-5/8	4500'	3. LONG S	TRING				
		SIZE:	5-1/2	INCHES	S CEMENTED WITH:	600	sx
		TOC:	4000	 	_FEET DETERMINED BY:	Cmt Bond Log	
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	720-	FEET		
		5. PERFOR	RATIONS	6400		6442	
				6429 (BEBEORA)	FEET TO:	6442 FEET	
	TBG@ 65 PERFS 6429'-64			(- .	"PERFORATE		
						FORM C-108	
	TBG@ 65	00'				SECTION VI	
	TBG@ 65 PERFS 6429'-64	42'			APPLICATIO	ON FOR AUTHORIZATION TO INJECT	
5-	7204'					rker & Parsley velopment L.P.	

WATER INJECTION WELL

Parker & Parsley

Development L.P.		SOUTHERN CALIFORNIA FEDERAL					
OPERATOR		LEASE					
13	660' FSL & 660' FEL	SEC-29	T-19-S	R-32-E			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE			
TYPE OF WELL:	TYPE OF WELL: PRODUCING OIL AND GAS		SPUD DATE:	1997			



1325

SX

APPLICATION FOR AUTHORIZATION TO INJECT

> Parker & Parsley **Development L.P.**

WATER INJECTION WELL

KINCAID & WATSON DRILLING CO.					IAN FEDERAL		·
OPERATOR				LEASE			
1		2310' FWL		SEC-29	T-19-S	R-32-E	·
WELL N	IO. FOOTAGE L	OCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF W	ELL: PLUGGE	& ABANDON	ED	_	SPUD DATE:	8/1	5/57
SCHE	MATIC	4 SUCAC	E CASINO		TABULAR DATA		
	10 SXS CMT	1. SUFAC	E CASING				
	@ SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
		TOC:	Surface		FEET DETERMINED BY:	Circu	lated
		HOLE SIZE:		11	INCHÉS		
		2. INTERN	MIDIATE C	ASING			
		SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
		HOLE SIZE:		N/A	INCHES		
		3. LONG	STRING				
8-5/8"	880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	600) sx
		TOC:	250		FEET DETERMINED BY:	Temp. S	Survey
8-5/8"		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	2770	FEET		
		5. PERFO	RATIONS				
				2493 (PERFORAT	FEET TO: ED OR OPEN HOLE; INDI PERFORATED"	2567 CATE WHICH)	FEET
		LIST AI	L SUCH P	ERFORATE	PERFORATED IN AN ED INTERVALS AND GENT OR PLUG(S) USE	IVE PLUGGED	NONE
	CMT PLUG @ 2500'-2690'						
						·	
						FORM C-108 SECTION VI	
					APP	LICATION FOR AUTH	ORIZATION
						Parker & Parsle Development L.I	

WATER INJECTION WELL
TABULATION OF WELL DATA

	-		WELL DA	TA SHEET	•		
Parker & Parsley				COUTUED		DAL	
Development L.P. OPERATOR				LEASE	N CALIFORNIA FEDE	KAL	
OPERATOR				LEAGE			
3	1980' FSL & 1	1980' FWL		SEC-29	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCA	ATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PLUGGED &	ABANDON	ED	-	SPUD DATE:	10/24/63	
SCHEMATIC	;				TABULAR DATA		
		1. SUFAC	E CASING				
	96' CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	600	sx
	75 SXS CMT @ 711'-811'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"	899'	HOLE SIZE:		17-1/2	INCHES		
	SIDE TRACKED ON RE-ENTRY	2. INTERM	MIDIATE CA	ASING			
	@ 2100'-2373'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1700	sx
	150 SXS CMT @ 2175'-2304'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		11	INCHES		
	25 SXS CMT @ 4490'	3. LONG	STRING				
8-5/8"	4604'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
	4-1/2" STUB 25 SXS CMT	TOC:	10100		FEET DETERMINED BY:	Temp. Survey	
	@ 4700'	UOLE 0175		7 7/0			
		HOLE SIZE:		7-110	INCHES		
		4. TOTAL	DEPTH:	11406	FEET		
		5. PERFO	RATIONS				
				11330		11340 FEET	
				(PERFORAT	ED OR OPEN HOLE; INDI PERFORATED"	CATE WHICH)	
		6. HAS TH	HE WELL E	VER BEEN	PERFORATED IN AN	Y OTHER ZONE(S)?	
					ED INTERVALS AND (
: \$53	3	DETAIL	_, I.E. SACI	NS OF CEMI	ENT OR PLUG(S) USI	ED. NONE	
					-		
						FORM C-108	

SECTION VI

APPLICATION FOR AUTHORIZATION TO INJECT

> Parker & Parsley Development L.P.

WATER INJECTION WELL

TABULATION OF WELL DATA

25 SXS C PERFS 11330'-11 25 SXS CMT 11330'-11340'

4-1/2"

TEXAC	OINC					BOWMAN			
OPERATO	R					LEASE			
	1 2310' FNL & WELL NO. FOOTAGE LOC					SEC-29	T-19-S TOWNSHIP		
т	YPE OF WE	:LL:	PLUGGED 8	& ABANDON	ED	-	SPUD DATE:	10/1	0/67
	SCHEM	ATIC		1 SUFAC	E CASING		TABULAR DATA		
٤			20'-SURFACE			INCHES	CEMENTED WITH:	500	sx
			CUT 8-5/8" CSG				FEET DETERMINED BY:		
			100' TO SURFACE				INCHES		
					MIDIATE CA				
		250		SiZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
				TOC:	N/A		FEET DETERMINED BY:	N/A	
				HOLE SIZE:		N/A	INCHES		
				3. LONG	STRING				
8-5/8"			880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	70	o sx
				TOC:	Surface		FEET DETERMINED BY:	Circu	lated
				HOLE SIZE:		7-7/8	INCHES		
				4. TOTAL	DEPTH:	2770	FEET		
				5. PERFO	RATIONS	2628 (PERFORAT	FEET TO: ED OR OPEN HOLE; INDI PERFORATED"	2648 CATE WHICH)	FEET
				LIST A	LL SUCH P	ERFORATE	PERFORATED IN AN ED INTERVALS AND G ENT OR PLUG(S) USE	SIVE PLUGGED	S)?
		222	CMT PLUG @ 2250'-2350'						
								FORM C-108 Section Vi	
							APP	LICATION FOR AUTH TO INJECT	ORIZATION
			CMT PLUG @ 2580'-2680'					Parker & Parsid Development L.	•

WATER INJECTION WELL TABULATION OF WELL DATA

TEXACO INC.				NEW MEX	(ICO "CR" STATE		
OPERATOR				LEASE		··· <u>-</u>	
4 WELL NO.	330' FNL & 16			SEC-32	T-19-S TOWNSHIP		
TYPE OF WELL:	DRY HOLE	_		_	SPUD DATE:	11/16/8	37
SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA		
	6 SXS CMT			INCHES	CEMENTED WITH:	1000	sx
	50' TO SURFACE	TOC:	Surface		FEET DETERMINED BY:	Circula	ted
11-3/4"	950'	HOLE SIZE:		17-1/2	INCHES		
100001 11 11 100001	25 SXS CMT 310'-1060'	2. INTERM	IIDIATE CA	SING			
	30 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2200	sx
922 828 BB B B B B B B B B B B B B B B B	2150'-2440	TOC:	Surface		FEET DETERMINED BY:	Circulat	ed
		HOLE SIZE:		12-1/4	INCHES		
8-5/8"	3800'	3. LONG S	TRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	1600	sx
		тос:	Surface		FEET DETERMINED BY:	Circulat	ed
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL I	DEPTH:	6863	FEET		
		5. PERFOR	RATIONS	6442	FEET TO:	6446	FEET
				1	D OR OPEN HOLE; INDIC. PERFORATED"		_
		LIST AL	L SUCH PE	RFORATE	PERFORATED IN ANY D INTERVALS AND GI INT OR PLUG(S) USEI	VE PLUGGED	NONE
					<u> </u>		
						FORM C-108 SECTION VI	
					APPLI	CATION FOR AUTHORI TO INJECT	ZATION
						Parker & Parsley Development L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

Parker & Parsley Development I P

Development L.P.				NEW MEX	ICO "DH" STATE		
OPERATOR				LEASE			
1-Y	380' FNL & 3	330' FEL		SEC-32	T-19-S	R-32-E	
WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP		
TYPE OF WELL:	PLUGGED 8	& ABANDON	ED	-	SPUD DATE:	3/12/71	
SCHEMATIC					TABULAR DATA		
	10 SXS CMT	1. SUFAC	E CASING				
	@ SURFACE	SIZE:	10-3/4	INCHES	CEMENTED WITH:	680	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
10-3/4	900'	HOLE SIZE:		17-1/2	INCHES		
		2. INTERI	MIDIATE CA	ASING			
		SIZE:	7-5/8	INCHES	CEMENTED WITH:	350	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
CIBP	10 SXS CMT CIBP @ 2700	HOLE SIZE:		11	INCHES		
		3. LONG	STRING				
7-5/8"	2800'	• SIZE:	4-1/2	INCHES	CEMENTED WITH:	154	sx
		TOC:	4400		FEET DETERMINED BY:	Temp. Survey	
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	5050	FEET		
		5. PERFO	RATIONS				
	·			4760	FEET TO:	4816 FEET	
	4-1/2" PULLED				PERFORATED"	CATE WRICH)	
					PERFORATED IN AN		
					D INTERVALS AND (ENT OR PLUG(S) USI		
		-	<u> </u>				
						FORM C-108 SECTION VI	
					ADDUICA	ATION FOR AUTHORIZATION	A.I
CIBP	3 SXS CMT CIBP @4742'				AFFLICA	TO INJECT	IN.
	PERFS					Parker & Parsley Development L.P.	
CIBP	4760'-4816'				WA	ATER INJECTION WELL	
4-1/2"	5050'				TABO	JLATION OF WELL DATA	

Parker & Parsley

40 SXS CMT @ 2610'-2750'

3508

Development l	L.P.		NEW MEXICO "DH" STATE						
PERATOR			LEASE						
1		330' FNL & 330' FEL	SEC-32	T-19-S	R-32-E				
WELL N	Ο.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE				
TYPE OF WE	ELL:	PLUGGED & ABANDONED	·	SPUD DATE:	2/25/71				

TABULAR DATA **SCHEMATIC** 1. SUFACE CASING 10 SXS CMT @ SURFACE SIZE: 8-5/8 INCHES CEMENTED WITH: 530 SX FEET DETERMINED BY: Circulated Surface TOC: HOLE SIZE: 11 INCHES 2. INTERMIDIATE CASING CEMENTED WITH: SIZE: N/A INCHES SX FEET DETERMINED BY: HOLE SIZE: N/A **INCHES** 30 SXS CMT @ 850'-950' 3. LONG STRING 8-5/8" SIZE: INCHES CEMENTED WITH: FEET DETERMINED BY: HOLE SIZE: 7-7/8 INCHES 3508 4. TOTAL DEPTH: FEET 5. PERFORATIONS FEET TO: N/A (PERFORATED OR OPEN HOLE; INDICATE WHICH) PERFORATED" 6. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. 40 SXS CMT @ 2360'-2500' **FORM C-108** SECTION VI

APPLICATION FOR AUTHORIZATION TO INJECT

> Parker & Parsley Development L.P.

WATER INJECTION WELL

Parkei	r & Parsley							
Develo	opment L.P.				FORAN "N	F" SATE		
OPERATO	OR				LEASE			
	1	330' FNL & 1	1980' FEL		SEC-32	T-19-S	R-32-F	
	WELL NO.	FOOTAGE LO			SECTION	TOWNSHIP		
	TYPE OF MELL.	PLUGGED 8	ARANDON	ED		SPUD DATE:	12/16/97	
	TYPE OF WELL:	PLUGGED	ABANDON	ED	_	SPUD DATE:	12/10/07	
	SCHEMATIC		1 SHEAC	E CASING		TABULAR DATA		
		10 SXS CMT	I. SUFAC	E CASING				
		@ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	760	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
		25 SXS CMT	100.	Odriace	-		Oirculated	
13-3/8"		890'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERN	MIDIATE CA	ASING			
			617E-	8_7/8	INCHES	CEMENTED WITH	1555	6 V
			SIZE.	0-110	INCHES	CEMENTED WITH.	1333	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		11	INCHES		
		25 SXS CMT @ 3800'-4000'	3. LONG	STRING				
8-5/8		3908'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	545	sx
			TOC:	4300		FEET DETERMINED BY:	Temp. Survey	
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	6588	FEET		
								
			5. PERFO	RATIONS	5664	FEET TO:	5681 FEET	
						ED OR OPEN HOLE; INDI		
			E HASTI	JE WELLE	VED REEN	PERFORATED" PERFORATED IN AN	V OTHER ZONE(S)2	
						D INTERVALS AND G		
			DETAIL	., I.E. SACI	KS OF CEM	ENT OR PLUG(S) USE	D. N/A	
								
					<u> </u>			
							FORM C-108 SECTION VI	
						APPLICA	TION FOR AUTHORIZATION	
		35' CMT CIBP @ 5560'					Parker & Parsley Development L.P.	
	CIBP	PERFS @ 5664'-5681'				WA	TER INJECTION WELL	
						TABL	ILATION OF WELL DATA	
5-1	1/2" 🕮	6588'						

TEXACO INC			SA BOWMAN FEDERAL				
OPERATOR		•	LEASE				
4	990' FSL & 1659' FEL		SEC-29	T-19-S	R-32-E		
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE		
TYPE OF WELL:	PLUGGED & ABANDON	ED	-	SPUD DATE:	12/8/87		
SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA			
	SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000 sx		
11-3/4"	TOC:	Surface		FEET DETERMINED BY:	Circulated		
11-5/4			14-3/4	INCHES			
	2. INTERN	MIDIATE CA	ASING				
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1800 sx		
	TOC:	Surface		FEET DETERMINED BY:	Circulated		
8-5/8" 38			11	INCHES			
	3. LONG S	STRING			•		
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	1750 sx		
	TOC:	Surface		FEET DETERMINED BY:	Circulated		
	HOLE SIZE:		7-7/8	INCHES			
	4. TOTAL	DEPTH:	6850	FEET			
	5. PERFO	RATIONS		6428 FEET TO:	6139 FEET		
			(PERFORATI	ED OR OPEN HOLE; INDI	CATE WHICH)		
				PERFORATED IN ANED INTERVALS AND (
	DETAIL	., I.E. SACH	(S OF CEM	ENT OR PLUG(S) USI	ED. NONE		
35' C		· · · · · ·		-			
CIBP	@ 6300'				FORM C-108		
PERI 6428'	FS -6139'				SECTION VI		
CIBP CIBF	MT ≥ @ 6650'			APPLICA	ATION FOR AUTHORIZATION TO INJECT		
5-1/2" 685	io'				Parker & Parsiey Development L.P.		

WATER INJECTION WELL

	∮ 9		2 % % 4-B % 1-A
130 18	1 1 7 ± 11	1	3-B 1 1 5 3-A 1-B 5-A 4
, ⁵	1,	• 1	2-B ● ø 2-A
ф1 ф3	19	1	ø 1
1 • 1 • 2 • 1 • 1 • 2 • 5	20 4 20 4 20	1 1 1 1 1 1 1 1 1 1	22
1 9	21 ⊕ ▼ 14	4 1 ●3	2 •
• 1	SD CALLY FEDERAL 8 SD CALE FEDERAL SSI CALE	ø 1 •2	•1 •1
•¹ 30 •² •⁴	SO CAILF 7 FEDERAL SST AILF FEDERAL SO CAILF FEDERAL SD C	28 3-Y × 5	27
• 1	BOVNAN FEDERAL		7. 0
31	1 NEV MEXICO CR STATE 1 3 2 1 5 3 +5	² 1/ ₇ • ¹	34

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley **OPERATOR:** Development L.P. LEASE: S. A. BOWMAN FEDERAL 2310' FSL & 2160' FWL T-19-S R-32-E WELL NO 5 SEC-29 **FOOTAGE LOCATION** SECTION **TOWNSHIP** RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 11-3/4 INCHES 1000 CEMENTED WITH: SIZE: SX 11-3/4" 895 Circulated Surface FEET DETERMINED BY: TOC: 14-3/4 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 1400 8-5/8 INCHES CEMENTED WITH: \$X FEET DETERMINED BY: Circulated Surface TOC: 11 HOLE SIZE: INCHES 3. LONG STRING 1610 5-1/2 INCHES CEMENTED WITH: SX FEET DETERMINED BY: Circulated TOC: Surface 7-7/8 HOLE SIZE: INCHES 6446 4. INJECTION INTERVAL 6431 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ X X "PERFORATED" 6360 PERFS **5. TOTAL DEPTH:** 6850 FEET 6431'-6446' 6. TUBING SIZE 6850 5-1/2 SIZE: 2-7/8 INCHES LINED WITH. IPC 505 - PLASTIC COATING SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: OTHER DATA X NO IS THIS A NEW WELL DRILLED FOR INJECTION? YES PRODUCING OIL AND GAS WELL IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: B. LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NONE GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. 5. STRAWN 11000'-11200' 1. YATES 2600'-2800' WATKINS YATES **LUSK STRAWN OIL** N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' **LUSK ATOKA GAS** 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** N.W. LUSK MORROW GAS LUSK DELAWARE N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING FORM C-108 SECTION III S. LUSK BONE SPRING E. LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL **OPERATOR:** 990' FSL & 660' FWL SEC-29 T-19-S R-32-E WELL NO 6____ **FOOTAGE LOCATION** SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8" SIZE: 13-3/8 INCHES CEMENTED WITH: 735 sx Circulated FEET DETERMINED BY: 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 2600 8-5/8 INCHES CEMENTED WITH: SX 8-5/8 FEET DETERMINED BY: Circulated Surface TOC: 12-1/4 HOLE SIZE: INCHES 3. LONG STRING 5-1/2 940 INCHES CEMENTED WITH: SX 4200 CALCULATED FEET DETERMINED BY: TOC: 7-7/8 HOLE SIZE: INCHES **6389** FEET TO: 6399 4. INJECTION INTERVAL FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR @ \square "PERFORATED" 6320' 5. TOTAL DEPTH: 7200 FEET PERES 6389-6399 6. TUBING SIZE 7145 5-1/2" SIZE: 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING ARROW SET 1-XS, PKR PACKER AT: 6320 FEET: SET IN A: OTHER DATA X IS THIS A NEW WELL DRILLED FOR INJECTION? YES PRODUCING OIL AND GAS WELL IF NO. FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: R LUSK WEST (DELAWARE) NAME THE FIELD OR POOL (IF APPLICABLE) C. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED n NO DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. 5. STRAWN 11000'-11200' 1. YATES 2600'-2800' WATKINS YATES LUSK STRAWN OIL N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING FORM C-108 SECTION III S. LUSK BONE SPRING APPLICATION FOR AUTHORIZATION E. LUSK BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

E. LUSK WOLFCAMP OIL S. LUSK WOLFCAMP OIL FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

PROPOSED INJECTION WELL DATA SHEET

OPERATO	DR:	Parker & Parsley Development L.P	•	LEAS	E : <u>SO</u>	UTHERN CAILFO	ORNIA FEDI	ERAL	
WELL NO	12	1980' FEL	& 660' FSL	SEC-2	29	T-19-S		R-32-E	
		FOOTAGE L				TOWNSHIP		RANGE	
	SCHEMAT		1. SUFACI	E CASING	WE	ELL CONSTRUCT	TION DATA		
			SIZE:	13-3/8 INC	CHES	CEMENTED WITH.		675	sx
13-3/8"		850'	TOC:	Surface	FEE	ET DETERMINED BY:		Circulated	
			HOLE SIZE:	17-1/:	2 ,	INCHES			
			2. INTERM	IIDIATE CASING					
		4050	SIZE:	8-5/8 inc	CHES	CEMENTED WITH:		775	sx
8-5/8"		4050'	TOC:	Surface	FEE	T DETERMINED BY:		Circulated	
				11					
			3. LONG S	STRING					
			SIZE:	5-1/2 inc	CHES	CEMENTED WITH:		1265	sx
			TOC:	Surface	FEE	ET DETERMINED BY:		Circulated	
			HOLE SIZE:		-7/8	INCHES			
	X	PKR @ 6360'	4. INJECT	ION INTERVAL (PERF	DRATED (6425 FEET TO: OR OPEN HOLE; INC			
		PERFS 6425'-6450'	5. TOTAL	DEPTH:	72	00 FEET			
		0423-0430	6. TUBING	SIZE					
5-1/	38.1	7200'	SIZE:	2-7/8 INCHE	S LIN	ED WITH:	IPC 505 -	PLASTIC COATING	
			SET IN A:	ARROW SET 1->	(S, PKF	PACKER A	T:	6360 FEET:	
OTHER DA	ATA								
A.	IS THIS A N	EW WELL DRILLED FOR IN	JECTION?	X YES		NO NO			
	IF NO, FOR	WHAT PURPOSE WAS THE	WELL ORIG	INALLY DRILLED?		N/A			
					<u> </u>			· ·	
В.	NAME THE	INJECTION FORMATION:		6400' SAND (BR	USHY C	ANYON)	 		
C.	NAME THE	FIELD OR POOL (IF APPLIC	ABLE)	LUSK	WEST	(DELAWARE)			
D.		ELL EVER BEEN PERFORA . SACKS OF CEMENT OR F			ST ALL SI	JCH PERFORATED I	NTERVALS AN	ID GIVE PLUGGED	
			· 						
E.	GIVE THE N	IAME(S) AND DEPTH(S) OF	ANY OVER O	OR UNDERLYING OIL	OR GAS	ZONES IN THIS AREA	A :		
	1. YATES	2600'-2800'	WATKINS N.E. LUSK	YATES	_	STRAWN 11000'		LUSK STRAWN O	L
			S. LUSK Y		6.	ATOKA 11200'-1	1400'	LUSK ATOKA GAS	S
	2. DELAW	VARE 4600'-7100'	W. LUSK LUSK DEI	DELAWARE _AWARE	<u>7.</u>	MORROW 11500	0'-12000'	N.W. LUSK MORR	OW GAS
	3. BONE	SPRING 8200'-8950'	WATKINS	BONE SPRING				N. LUSK MORROV	V GAS
			LUSK BO	NE SPRING				FORM C-108 SECTION III	
				BONE SPRING			APPL	ICATION FOR AUTHORI	ZATION
	4. WOLF	CAMP 10100'-10700'	LUSK WO	LFCAMP OIL				TO INJECT Parker & Parsley Development L.P. WATER INJECTION WE	11
				VOLFCAMP OIL			Т	ABULATION OF WELL D	

PROPOSED INJECTION WELL DATA SHEET

Parker & Parsley

OPERAT	OR: De	velopment L	.P.		LEASE:	SOUTHER	N CAILFO	RNIA FEDERAL	
WELL	4	1650' FS	SL & 990' FEL		SEC-29		T-19-S	R-32-E	
•	SCHEMATIC	FOOTAG	LOCATION		SECTION		TOWNSHIP	RANGE	
;	RESERVED TO	122 152				WELL CO	NSTRUCT	ON DATA	
			1. SUFACE C	ASING					
			SIZE:	13-3/8	INCHES	CEMEN	TED WITH:	775	sx
13-3/8"		877'	тос: Su	rface		FEET DETER	RMINED BY:	Circulated	
			HOLE SIZE:		17-1/2		INCHES		
			2. INTERMIDI	ATE CA	ASING				
			SIZE:	8-5/8	INCHES	CEMEN	TED WITH:	2660	sx
8-5/8	1881 II I 1888	3836'	тос: Su	rface		FEET DETER	RMINED BY:	Circulated	
			HOLE SIZE:		12-1/4		INCHES		
			3. LONG STR	ING			•		
								200	
			SIZE:	4-1/2	INCHES	CEMEN	TED WITH:	600	SX
			TOC:	3400	-	FEET DETER	RMINED BY:	SQZ HOLE @ 3400' W/35 SXS CMT	
		PKR @	HOLE SIZE:		7-7/8		INCHES		
	Ø Ø	6360.	4. INJECTION	INTER	VAL	6430	FEET TO:	6450 FEET	
		PROPOSED DELAWARE				ED OR OPEN		CATE WHICH)	
	CIBP	PERFS @ PROPOSED							
	CIBP	CIBP @ 6600'	5. TOTAL DE	PTH:		11449	FEET		
			6. TUBING SI	ZE					
		PERFS 11324'-11368'	SIZE: 2	2-7/8	INCHES	LINED WITH:		IPC 505 - PLASTIC COATING	
		PERFS 11324'-11368' 11410	AD	DOM C	•	,			
4-	1/2" 🕮 🖺	11410	SET IN A: AR	ROW S	DET 1-X5, F	-KK	PACKER AT	6360 FEET:	
OTHER I	DATA								
						v			
A.	IS THIS A NEW W	ELL DRILLED FOR	INJECTION?	 	YES	X	, NO		
	IF NO, FOR WHAT	F PURPOSE WAS	HE WELL ORIGIN	ALLY DR	ILLED?		PRODUCI	NG OIL AND GAS WELL	
-									
В.	NAME THE INJEC	TION FORMATION	:640	00' SAN	ID (BRUSH)	Y CANYON	l)		
C.	NAME THE FIELD	OR POOL (IF APP	LICABLE)		LUSK WES	ST (DELAW	VARE)		
								INTERVALS AND ONE BUILDEED	
D.		KS OF CEMENT O						INTERVALS AND GIVE PLUGGED GAS PODUCTION FROM STRAWN PERF	s
	11324'-11368'.	PLAN TO SET	CIBP @ 6600'	W/5SXS	S CMT ON	TOP & PER	RF DELAW	ARE @ 6430'-50' CONVERT TO WIW WEI	L.
E.	GIVE THE NAME(S) AND DEPTH(S)	OF ANY OVER OR	UNDERL	YING OIL OR	GAS ZONES	IN THIS ARE	A:	
	1. YATES 260	0'-2800'	WATKINS YA		_	5. STRAW	'N 11000'-	112 LUSK STRAWN OIL	
			N.E. LUSK YAT		- -	6. ATOKA	11200'-11	40 LUSK ATOKA GAS	
	2. DELAWARE	4600'-7100'	W. LUSK DEL	_AWARI	E	7. MORRO	OW 11500'	-12 LUSK MORROW GAS	
•			LUSK DELAW	VARE	-			N.W. LUSK MORROW GAS	
	3. BONE SPRI	NG 8200'-8950	WATKINS BO	NE SPI	RING	_		N. LUSK MORROW GAS	
•			LUSK BONE :		-	_		FORM C-108 Section III	
			E. LUSK BON			- -		APPLICATION FOR AUTHORIZATION TO INJECT	
	4 WOLF CAM	P 10100'-1070	LUSK WOLF	CAMP C				Parker & Parsley Development L.P.	
	TYOLI OAW	. 13100-1070	E. LUSK WOL	FCAME	OIL	-		WATER INJECTION WELL	
			S. LUSK WOL	_FCAME	OIL	_			

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. LEASE: SOUTHERN CAILFORNIA FEDERAL **OPERATOR:** T-19-S WELL NO _____10 1980' FNL & 1980' FEL **SEC-29** R-32-E FOOTAGE LOCATION SECTION TOWNSHIP ' RANGE **SCHEMATIC WELL CONSTRUCTION DATA** 1. SUFACE CASING 13-3/8 INCHES 675 SIZE: CEMENTED WITH: SX 850 13-3/8" Surface Circulated TOC: FEET DETERMINED BY: 17-1/2 HOLE SIZE: INCHES 2. INTERMIDIATE CASING 8-5/8 INCHES CEMENTED WITH: 775 SIZE: SX 8-5/8" 4050 Surface FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 11 INCHES 3. LONG STRING 1265 5-1/2 SIZE: INCHES CEMENTED WITH: SX TOC: Surface FEET DETERMINED BY: Circulated 7-7/8 HOLE SIZE: INCHES 4. INJECTION INTERVAL 6450 6425 FEET TO: (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR @ "PERFORATED" 6360 7200 FEET **PERFS** 5. TOTAL DEPTH: 6425'-6450' 6. TUBING SIZE 7200 IPC 505 - PLASTIC COATING 5-1/2" 2-7/8 INCHES LINED WITH: SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 OTHER DATA IS THIS A NEW WELL DRILLED FOR INJECTION? X YES NO IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? N/A 6400' SAND (BRUSHY CANYON) NAME THE INJECTION FORMATION: B. LUSK WEST (DELAWARE) C. NAME THE FIELD OR POOL (IF APPLICABLE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. NO GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: 1. YATES 2600'-2800' WATKINS YATES 5. STRAWN 11000'-11200' **LUSK STRAWN OIL** N.E. LUSK YATES S. LUSK YATES 6. ATOKA 11200'-11400' LUSK ATOKA GAS 2. DELAWARE 4600'-7100' W. LUSK DELAWARE 7. MORROW 11500'-12000' **LUSK MORROW GAS** LUSK DELAWARE N.W. LUSK MORROW GAS N. LUSK MORROW GAS 3. BONE SPRING 8200'-8950' WATKINS BONE SPRING LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

Parker & Parsley

	opment L.P.					N CALIFORNIA FEDE	RAL	
OPERATO	DR				LEASE			
	2	990' FNL &	990' FWL		SEC-29	T-19-S `	R-32-E	
	WELL NO.	FOOTAGE LO		-	SECTION	TOWNSHIP		
	TYPE OF WELL:	PLUGGED	& ABANDON	IED		SPUD DATE:	3/15/63	
					-	_		
	SCHEMATIC					TABULAR DATA		
	SCHEMATIC		1. SUFAC	E CASING		TABOLAN DATA		
		10 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	900	\$x
		25 SXS CMT @ 700'-800'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		827'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERI	MIDIATE C	ASING			
		25 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2500	sx
		@ 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:	:	11	INCHES		
			3. LONG	STRING				
8-5/8		4490' 35 SXS CMT		4.4/0	********	OFMENTED MATE	200	
		@ 4497'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
		25 SXS CMT	TOC:	10100)	FEET DETERMINED BY:	Temp. Survey	
		4-1/2" STUB @ 6497'	HOLE SIZE:	: <u></u>	7-7/8	INCHES		
			4. TOTAL	. DEPTH:	11406	FEET		
			5. PERFC	PRATIONS				
					11330		11340 FEET	
					(PERFORAT	ED OR OPEN HOLE; IND PERFORATED"	ICATE WHICH)	
			6. HAS T	HE WELL E	VER BEEN		IY OTHER ZONE(S)?	
						D INTERVALS AND		
			DETAI	L, I.E. SACI	KS OF CEM	ENT OR PLUG(S) US	ED. NONE	
							·	
				······································			FORM C-108	
							SECTION VI	
						APPLIC	ATION FOR AUTHORIZATION TO INJECT	
		25 SXS CMT					Parker & Parsley Development L.P.	
		2 . 2.4.0	•			w.	ATER INJECTION WELL	
	2"	11330'-11340'				TAB	ULATION OF WELL DATA	
4-1/2	2"	11406				.,,,		

TEXACO INC.					NEW MEX	(ICO "CR" STATE		
OPERATOR					LEASE		-	
4		330' FNL & 16			SEC-32	T-19-S TOWNSHIP		
TYPE OF W	ELL:	DRY HOLE	 		_	SPUD DATE:	11/16	/87
SCHEN	MATIC		1. SUFAC	E CASING		TABULAR DATA		
		6 SXS CMT 50' TO SURFACE	SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000	sx
		33 (3 33)(17,32	TOC:	Surface		FEET DETERMINED BY:	Circula	ated
11-3/4"		950'	HOLE SIZE:		17-1/2	INCHES		
		25 SXS CMT 810'-1060'	2. INTERN	MIDIATE CA	SING			
		00 000 000	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2200	sx
		30 SXS CMT 2150'-2440	TOC:	Surface		FEET DETERMINED BY:	Circula	ıted
			HOLE SIZE:		12-1/4	INCHES		
		0,000	3. LONG S	TRING				
8-5/8"		3800'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	1600	sx
			TOC:	Surface		FEET DETERMINED BY:	Circula	ted
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	6863	FEET		
			5. PERFOR	RATIONS	6442	FEET TO:	6446	FEET
				•	(PERFORATE	ED OR OPEN HOLE; INDIC	ATE WHICH)	
			LIST AL	L SUCH PE	/ER BEEN I	PERFORATED IN ANY D INTERVALS AND G	VE PLUGGED	
			DETAIL,	I.E. SACK	S OF CEME	ENT OR PLUG(S) USE	D	NONE
							FORM C-108 SECTION VI	
						APPL	ICATION FOR AUTHOR TO INJECT	IZATION
							Parker & Parsley Development L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

					AN FEDERAL		
OPERATOR				LEASE			
1	330' FSL 8	2310' FWL		SEC-29	T-19-S	R-32	2-E
WELL N	IO. FOOTAGE L	OCATION	· <u>-</u>	SECTION	TOWNSHIP	RAN	GE
TYPE OF W	ELL: PLUGGET	& ABANDON	ED	_	SPUD DATE:	8	/15/57
SCHEN	MATIC	1. SUFAC	E CASING		TABULAR DATA		
	10 SXS CMT @ SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
		TOC:	Surface		FEET DETERMINED BY:	Circ	culated
		HOLE SIZE:		11	INCHES		
		2. INTERN	MIDIATE C	ASING			
		SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
		HOLE SIZE:		N/A	INCHES		
0.5.(0)		3. LONG	STRING				
o-3/o 933	880′	SIZE:	5-1/2	INCHES	CEMENTED WITH:		600 sx
		TOC:	250		FEET DETERMINED BY:	Temp	. Survey
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	2770	FEET		
		5. PERFO	RATIONS	2493 (PERFORATE	FEET TO:	2567 :ATE WHICH)	FEET
		LIST A	LL SUCH F	VER BEEN PERFORATE	PERFORATED" PERFORATED IN ANY ED INTERVALS AND GENT OR PLUG(S) USE	IVE PLUGGED	
	CMT PLUG @ 2500'-2690'						
						FORM C-1	
					APPI	ICATION FOR AU TO INJEC	
						Parker & Par Development	

WATER INJECTION WELL
TABULATION OF WELL DATA

TEXAC	O INC				BOWMAN			
OPERATO	R				LEASE			
т	WELL NO.	2310' FNL 8 FOOTAGE LO	CATION		SEC-29 SECTION	TOWNSHIP		
	SCHEMATIC	;	4 SUEAC	E CASING	-	TABULAR DATA		
4		20'-SURFACE			INCHES	CEMENTED WITH:	500	sx
		CUT 8-5/8" CSG 100' TO SURFACE				FEET DETERMINED BY:		
		100 TO SURFACE	HOLE SIZE:		11	INCHES		
			2. INTERN	MIDIATE CA	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
8-5/8"		200	3. LONG S	STRING				
0-0/0		880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	700	sx
			TOC:	Surface	<u></u>	FEET DETERMINED BY:	Circula	ted
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2770	FEET		
				IE WELL E	VER BEEN	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED" PERFORATED IN AN' D INTERVALS AND G	OTHER ZONE(S)?	FEET
		CMT PLUG @ 2250'-2350'	DETAIL	., I.E. SAC	S OF CEME	ENT OR PLUG(S) USE	D	N/A
						4000	FORM C-108 SECTION VI	
		CMT PLUG @ 2580'-2680'				АРР	LICATION FOR AUTHOR TO INJECT Parker & Parsley Development L.P.	GZA HON

WATER INJECTION WELL TABULATION OF WELL DATA

Parker & Parsley

Developmen	nt L.P.				SOUTHER	N CALIFORNIA FEDE	RAL	
OPERATOR					LEASE			_
	3				SEC-29	T-19-S	R-32-E	
WEL	L NO.	FOOTAGE LOCA	TION		SECTION	TOWNSHIP	RANGE	
TYPE OF	WELL:	PLUGGED &	ABANDON	ED	_	SPUD DATE:	10/24/63	
sch	IEMATIC		4 60540	E CACINO		TABULAR DATA		
		96' CMT	1. SUFAC	E CASING				
			SIZE:	13-3/8	INCHES	CEMENTED WITH:	600	sx
		75 SXS CMT @ 711'-811'	TOC:	Surface		FEET DETERMINED BY:	Circulated	_
13-3/8"		899'	HOLE SIZE:		17-1/2	INCHES		
		SIDE TRACKED ON RE-ENTRY	2. INTER	MIDIATE CA	ASING			
	· · · · · · · · · · · · · · · · · · ·	@ 2100'-2373'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1700	sx
	A	150 SXS CMT @ 2175'-2304'	TOC:	Surface		FEET DETERMINED BY:	Circulated	_
			HOLE SIZE:		11	INCHES		
		25 SXS CMT @ 4490'	3. LONG	STRING				
8-5/8"	*	4604'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
	1.3	-1/2" STUB	700	10100		FEET DETERMINED DV.	Tomp Survey	
		SXS CMT 4700'	TOC:	10100		FEET DETERMINED BY:	Temp. Survey	
:			HOLE SIZE:		7-7/8	INCHES		
İ	:		4. TOTAL	DEPTH:	11406	FEET		
	i I		5. PERFO	RATIONS				
					11330 (PERFORAT	FEET TO:	11340 FEET	
	: 				•	PERFORATED"		
	!					PERFORATED IN AN ED INTERVALS AND (
	: : :					ENT OR PLUG(S) US		
				·				
								_
			-					
							FORM C-108 Section VI	
						APPLICA	ATION FOR AUTHORIZATION TO INJECT	
	2 F	5 SXS CMT PERFS					Parker & Parsley Development L.P.	
	F 1	1330'-11340'				W	ATER INJECTION WELL	
4-1/2"		11406				TAB	ULATION OF WELL DATA	

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

Deve	hopinent En .			OCCITIEN	W OALI ONWALLEDE	012	
OPERA	TOR			LEASE			
	8	990' FNL & 1900' FEL		SEC-29	T-19-S		
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	SPUD DATE:	4/16/88	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA		
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	722	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"	908.	HOLE SIZE:		17-1/2	INCHES		
		2. INTERN	MIDIATE CA	SING			
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2700	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		12-1/4	INCHES		
8-5/8	4504'	3. LONG S	STRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	800	sx
		TOC:	2280		FEET DETERMINED BY:	Cmt Bond Log	
		HOLE SIZE:		7-7/8	INCHES		
	4504	4. TOTAL	DEPTH:	7200	FEET		
		5. PERFO	RATIONS	6446	FEET TO:	6452 FEET	-
					ED OR OPEN HOLE; INDIC		
	TBG@ 65 PERFS 6446'-64			(FERFORATI	"PERFORATE	· · · · · · · · · · · · · · · · · · ·	
	T	•••				FORM C-108 SECTION VI	
	TBG@ 65	03'					
	TBG@ 65 PERFS 6446'-64:	52'			APPLICATIO	ON FOR AUTHORIZATION TO INJECT	
						ker & Parsley	
5-	-1/2" 2 7192'				Dev	elopment L.P.	

WATER INJECTION WELL

Parker & Parsley

Deve	lopment L.P.			SOUTHER	IN CALIFORNIA FEDE	RAL	
OPERA	TOR			LEASE			
	7	2210' FNL & 2260' FV	VL	SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP		
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	SPUD DATE:	3/24/88	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA		
				INCHES	CEMENTED WITH:	735	sx
		TOC:	Surface		FEET DÉTERMINED BY:	Circulated	
13-3/8"	903			17-1/2	INCHES		
		2. INTERN	NIDIATE CA	SING			
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2450	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		12-1/4	INCHES		
8-5/8"		3. LONG S	STRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	600	sx
		TOC:	4000		FEET DETERMINED BY:	Cmt Bond Log	<u>g</u>
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	7204	FEET		
		5. PERFO	RATIONS	6429	FEET TO:	6442 FI	EET
					ED OR OPEN HOLE; INDI		<u> </u>
	☐ ☐ TBG@ 6:			,	"PERFORATI		
	□ □ TBG@ 6:	200.				FORM C-108 SECTION VI	
	TBG@ 64	142'			APPLICATION	ON FOR AUTHORIZATION TO INJECT	NC
5-	7204'					irker & Parsley velopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR			LEASE			
	1	1980' FNL & 660' FEL		SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSH	IP RANGE	
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEL	.L	SPUD DAT	TE: 3/23/62	
	SCHEMATIC	1. SUFACE	CASING	•	TABULAR DATA		
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	950	sx
		TOC:	Surface		FEET DETERMINED BY	Circulated	
13-3/8"	826'	HOLE SIZE:		17-1/2	INCHES		
		2. INTERMI	DIATE CA	SING			
		SIZE:	9	INCHES	CEMENTED WITH:	2725	sx
		TOC: <u>\$</u>	Surface		FEET DETERMINED BY	c Circulated	
		HOLE SIZE: _	· · · · · · · · · · · · · · · · · · ·	12-1/4	INCHES		
9	3947'	3. LONG ST	RING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	2140	sx
		TOC:	2450		FEET DETERMINED BY	est. top of cmt sqz.	
		HOLE SIZE: _		7-7/8	INCHES		
		4. TOTAL D	EPTH:	12834	FEET		
		5. PERFOR	ATIONS	6448	FEET TO:	6458 FEET	
			•		ED OR OPEN HOLE; IN	IDICATE WHICH)	
	PERFS 6448'-645	58'			"PERFORA	ATED"	
	PERFS 6448'-645 PBTD CM RET @ 78 W/150 SX RET @ 11 W/160 SX PERFS 11410'-11	T @ 6850'					
	RET @ 11					FORM C-108 SECTION VI	
	PERFS 11410'-11				APPLICA	TION FOR AUTHORIZATION TO INJECT	
-	PERFS 11410'-11					Parker & Parsley Development L.P.	
5 -	117				_		

WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

Development L.P.		SOUTHERN CALIFORNIA FEDERAL						
OPERATOR		LEASE						
5	1980' FSL & 1980' FEL	SEC-29	T-19-S	R-32-E				
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE				
TYPE OF WELL:	PRODUCING OIL AND GAS	WELL	SPUD DATE:	12/5/87				
								
SCHEMATIC			TABULAR DATA					
	1. SUFACE CASI	NG						
	SIZE:13-3	/8 INCHES	S_CEMENTED WITH:	735	sx			
	-,	се	_ FEET DETERMINED BY:	Circulated				
13-3/8" 24 880		17-1/2	INCHES					
	2. INTERMIDIATE	CASING						
	SIZE: <u>8-5/</u>	8 INCHES	S CEMENTED WITH:	2350	sx			
	тос: Surfa	се	_ FEET DETERMINED BY:	Circulated				
	HOLE SIZE:	12-1/4	INCHES					
8-5/8" 4474	3. LONG STRING	i						
	SIZE: 5-1/	2 INCHES	CEMENTED WITH:	800	sx			
	TOC: 4	210	_FEET DETERMINED BY:	Cmt Bond Log				
	HOLE SIZE:	7-7/8	INCHES					
8-5/8"	4. TOTAL DEPTH	1: 7200) FEET					
	5. PERFORATION							
		6426 (PEREORA)	FEET TO:	6444 FEE	T			
		(FERFORK	"PERFORATEI					
831 — 1 — 1 3%			_	CORM C 400				
TBG@ 6	383'			FORM C-108 Section VI				
IBG@ 6			APPLICATIO	N FOR AUTHORIZATION	J			
PERFS 6426'-6-				TO INJECT				
TBG@ 6. PERFS 6426'-6-				ker & Parsley				
5-1/2" 7199'			Deve	elopment L.P.				

WATER INJECTION WELL

				WELL	DATA SE	1661			
Parker & Par									
Developmen	t L.P.					RN CALIFORNIA FED	ERAL		
OPERATOR					LEASE				
	9		VL & 1980' FS	SL	SEC-29	T-19-S		R-32-E	
WELL	. NO.	FOOTA	SE LOCATION		SECTION	TOWNSHIE	•	RANGE	
TYPE OF	WELL:	PROD	JCING OIL AN	ND GAS WE	LL	_ SPUD DATI	E:	7/21/96	
SCHI	EMATIC					TABULAR DATA			
			1. SUFAC	CE CASING					
			SIZE:	13-3/8	INCHE	S CEMENTED WITH:		675	sx
13-3/8"		850'	TOC:	Surface		FEET DETERMINED BY:		Circulated	
			HOLE SIZE:	:	17-1/2	INCHES			
			2. INTERI	MIDIATE CA	ASING				
			SIZE:	8-5/8	INCHES	S CEMENTED WITH:		1325	sx
			TOC:	Surface		FEET DETERMINED BY:		Circulated	
			HOLE SIZE:		11	INCHES			
8-5/8"		4004'	3. LONG	STRING					
			SIZE:	5-1/2	INCHES	S CEMENTED WITH:		1265	sx
			TOC:	Surface		FEET DETERMINED BY:		Circulated	
			HOLE SIZE:		7-7/8	INCHES			
			4. TOTAL	DEPTH:	7210) FEET			
			5. PERFC	PRATIONS	6391	FEET TO:	6400	FEET	T
!						TED OR OPEN HOLE; INC			1
						"PERFORAT	ſĒD"		
	1 🖂								
							FORM C-1	08	
	т	BG@ 6500'					SECTION	VI	

PERFS

7210'

5-1/2"

6391'-6400'

APPLICATION FOR AUTHORIZATION TO INJECT

Parker & Parsley Development L.P.

WATER INJECTION WELL

TEXACO INC				SA BOWMAN FEDERAL				
OPERATOR				LEASE				
4	990' FSL &			SEC-29	T-19-S			
WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RANGE		
TYPE OF WELL:	PLUGGED	& ABANDON	ABANDONED		SPUD DATE:	12/8/87		
SCHEMATIC					TABULAR DATA			
	3	1. SUFAC	E CASING					
		SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000 sx		
11-3/4"	928'	TOC:	Surface		FEET DETERMINED BY:	Circulated		
	920	HOLE SIZE:		14-3/4	INCHES			
		2. INTERI	MIDIATE CA	ASING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	1800 sx		
		TOC:	Surface		FEET DETERMINED BY:	Circulated		
8-5/8"	3842'	HOLE SIZE:		11	INCHES			
		3. LONG	STRING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	1750 sx		
		TOC:	Surface		FEET DETERMINED BY:	Circulated		
		HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL	DEPTH:	6850	FEET			
964 966		5. PERFC	RATIONS		6428 FEET TO:	6139 FEET		
				(PERFORAT	ED OR OPEN HOLE; INDI-			
					PERFORATED IN AN			
					ED INTERVALS AND (ENT OR PLUG(S) USI			
CIBP	35' CMT CIBP @ 6300'							
	PERFS		. —			FORM C-108 SECTION VI		
CIBP	6428'-6139' 35' CMT CIBP @ 6650'				APPLICA	TION FOR AUTHORIZATION		
5-1/2"	6850'					Parker & Parsley Development L.P.		

WATER INJECTION WELL

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* 2	1	•1	2-B● ø 2-A
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19 **	21 4	⁴ ₁ • ₃	2 ●
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FEDERAL 1 SHELL FEDERAL 3 FEDERAL 3 FEDERAL 1 USA J FEDERAL 1 USA J FEDERAL 1 USA J FEDERAL 1 USA J	SO CAILT FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL SO CAILF FEDERAL	• 2 3 3-Y 5 5	27 ø1 •4
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PROPOSED INJECTION WELL DATA SHEET

OPERATOR:		lopment L.I		LEASE	:: SOUTH	IERN CAILFORNIA	FEDERAL	
WELL NO	6	990' FSL	& 660' FWL	SEC-29	9	T-19-S	R-32-E	
_	CHEMATIC	FOOTAGE I		SECTION		TOWNSHIP	RANGE	
			4 011540	E CACINO	WELL (CONSTRUCTION D	ATA	
			1. SUFAC	E CASING				
13-3/8"		881 [']	SIZE:	13-3/8 INCI	HES CEM	MENTED WITH:	735	sx
.5 5,5			TOC:	Surface	FEET DE	TERMINED BY:	Circulated	
			HOLE SIZE:	17-1/2		INCHES		
				MIDIATE CASING				
		•	SIZE:	8-5/8 INCI	HES CEN	MENTED WITH:	2600	sx
8-5/8"	✓✓✓✓<	1498'	TOC:			TERMINED BY:		
						·	Circulated	<u> </u>
			HOLE SIZE:	12-1/4	 	INCHES		
			3. LONG S	STRING				
			SIZE:	5-1/2 INC	HES CEM	MENTED WITH:	940	sx
			TOC:	4200	FEET DE	TERMINED BY:	CALCULATED	
			HOLE SIZE:	7-	7/8	INCHES		
			4. INJECT	ION INTERVAL	6389	FEET TO:	6399 FEET	
	☐ ☐ PKF	_			RATED OR OF	PEN HOLE; INDICATE I	WHICH)	
		U						
	## PER 6389	FS 9-6399	5. TOTAL		7200	FEET		
			6. TUBING	SIZE				
5-1/2"	7145	'	SIZE:	2-7/8 INCHES	LINED W	TH: IPC 5	05 - PLASTIC COATING	
			SET IN A:	ARROW SET 1-X	S, PKR	PACKER AT:	6320 FEET:	
OTHER DATA	A							
					v			
A. IS	THIS A NEW WELI	L DRILLED FOR IN	IJECTION?	YES	<u> </u>	NO		
lF i	NO, FOR WHAT P	URPOSE WAS TH	E WELL ORIG	INALLY DRILLED?		PRODUCING O	L AND GAS WELL	
				·				Parks
B. NA	ME THE INJECTIO	ON FORMATION:		6400' SAND (BRU	SHY CANY	ON)		
C. NA	ME THE FIELD OF	R POOL (IF APPLI	CABLE)	LUSK	WEST (DEL	AWARE)		
				`	T ALL SUCH P	PERFORATED INTERVAL	S AND GIVE PLUGGED	
Di	ETAIL, I.E. SACKS	OF CEMENT OR	PLUG(S) USE	D. NO				
E. GI	VE THE NAME(S)	AND DEPTH(S) OF	ANY OVER C	OR UNDERLYING OIL (R GAS ZONE	S IN THIS AREA:		
<u>1.</u>	YATES 2600'-	2800'	WATKINS N.E. LUSK		5. STR	AWN 11000'-11200'	LUSK STRAWN OIL	
			S. LUSK Y	'ATES	6. ATO	KA 11200'-11400'	LUSK ATOKA GAS	
2.	DELAWARE 4	600'-7100'	W. LUSK I	DELAWARE	7. MOR	RROW 11500'-1200		
•	DONE OPPING	0 0000 0050					N.W. LUSK MORROV	
<u>3.</u>	BONE SPRING	o 8∠00′-8950′	LUSK BOI	BONE SPRING NE SPRING			FORM C-108	
				BONE SPRING			SECTION III APPLICATION FOR AUTHORIZAT	rion
-	140.5	404001 10====					TO INJECT Parker & Parsley	
<u>4.</u>	WOLF CAMP	10100'-10700'	E. LUSK V	VOLFCAMP OIL			Development L.P. WATER INJECTION WELL	
			S. LUSK V	VOLFCAMP OIL				

PROPOSED INJECTION WELL DATA SHEET

Parker & Parslev

OPERATOR	₹:	Development L.P	•		LEASE:	SOUTH	IERN CAILFOR	NIA FED	ERAL	
WELL NO	12	1980' FEL					T-19-S		R-32-E	
ç	SCHEMATI	FOOTAGE LO	OCATION		SECTION		TOWNSHIP		RANGE	
			1. SUFACI	E CASING		WELL (CONSTRUCTIO	ON DATA		
42.240"		850'	SIZE:	13-3/8	INCHE	S CEM	MENTED WITH:		675	sx
13-3/8"			TOC:	Surface		FEET DE	TERMINED BY:		Circulated	
			HOLE SIZE:		17-1/2		INCHES			
			2. INTERN	IIDIATE CA	ASING					
8-5/8"		4050'	SIZE:	8-5/8	INCHE	S CEM	IENTED WITH:		775	sx
			TOC:	Surface		FEET DE	TERMINED BY:		Circulated	.
			HOLE SIZE:	······	11		INCHES			
			3. LONG S	TRING						
			SIZE:	5-1/2	INCHE	S CEM	MENTED WITH:		1265	sx
			TOC:	Surface		FEET DE	TERMINED BY:		Circulated	
			HOLE SIZE:		7-7/	8	INCHES			
		PKR @	4. INJECT	ION INTER	(PERFORA		FEET TO: PEN HOLE; INDICATED"			
		6360' PERFS 6425'-6450'	5. TOTAL	DEPTH:		7200	— FEET			
		PERFS 6425'-6450'	6. TUBING	SIZE			•			
5-1/2	💆	7200'	SIZE:	2-7/8	INCHES	LINED W	1TH:	IPC 505 -	PLASTIC COATING	3
			SET IN A:	ARROW S	ET 1-XS,	PKR	PACKER AT:		6360 FEET:	
OTHER DA	TA									
A . I	S THIS A NE	EW WELL DRILLED FOR IN	JECTION?	x	_YES		NO			
ı	F NO, FOR	WHAT PURPOSE WAS THE	WELL ORIG	INALLY DRIL	LED?		N/A			
-										
В. 1	NAME THE I	NJECTION FORMATION:		6400' SAN	ID (BRUS	HY CANY	ON)			
C. I	NAME THE F	FIELD OR POOL (IF APPLIC	ABLE)	 	LUSK W	EST (DEL	AWARE)			
		ELL EVER BEEN PERFORA SACKS OF CEMENT OR F			E(S)? LIST	ALL SUCH P	PERFORATED INT	ERVALS AN	ND GIVE PLUGGED	
-		 			·					
E. (GIVE THE N	AME(S) AND DEPTH(S) OF	ANY OVER C	OR UNDERLY	ING OIL OR	GAS ZONE	S IN THIS AREA:			
-	1. YATES	2600'-2800'	WATKINS N.E. LUSK		-	5. STR	AWN 11000'-1	1200'	LUSK STRAWN C)IL
			S. LUSK Y	···	-	6. ATO	KA 11200'-114	100'	LUSK ATOKA GA	S
<u>:</u>	2. DELAW	/ARE 4600'-7100'	W. LUSK DEL	DELAWAR LAWARE	<u>E</u> -	7. MOF	RROW 11500'-	12000'	N.W. LUSK MOR	ROW GAS
	3. BONE S	SPRING 8200'-8950'	WATKINS						N. LUSK MORRO	VV GAS
			S. LUSK E	NE SPRING BONE SPR	ĪNG			· ADD	FORM C-108 SECTION III LICATION FOR AUTHOR	RIZATION
			E. LUSK E	ONE SPR	ING			AFF	TO INJECT Parker & Parsiey	TIVII FILIT
;	4. WOLF	CAMP 10100'-10700'	E. LUSK V	NOLFCAMP (NOLFCAM	POIL			1	Development L.P. WATER INJECTION WITABULATION OF WELL	

PROPOSED INJECTION WELL DATA SHEET Parker & Parsley Development L.P. **OPERATOR: LEASE:** S. A. BOWMAN FEDERAL 2310' FSL & 2160' FWL SEC-29 WELL NO 5 T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP RANGE SCHEMATIC **WELL CONSTRUCTION DATA** 1. SUFACE CASING 1000 CEMENTED WITH: SIZE: 11-3/4 INCHES 895 11-3/4" Surface FEET DETERMINED BY: Circulated TOC: HOLE SIZE: 14-3/4 INCHES 2. INTERMIDIATE CASING 1400 8-5/8 INCHES CEMENTED WITH: SX 8-5/8" 3796 FEET DETERMINED BY: 11 HOLE SIZE: INCHES 3. LONG STRING 5-1/2 INCHES CEMENTED WITH: 1610 SX Surface___ FEET DETERMINED BY: Circulated 7-7/8 INCHES HOLE SIZE: 6446 FEET 4. INJECTION INTERVAL 6431 FEET TO: (PERFORATED OR OPEN HOLE; INDICATE WHICH) PKR@ M "PERFORATED" 6360' 5. TOTAL DEPTH: 6850 FEET PERFS 6431'-6446' 6. TUBING SIZE 5-1/2" 6850 2-7/8 INCHES LINED WITH: IPC 505 - PLASTIC COATING SIZE: SET IN A: ARROW SET 1-XS, PKR PACKER AT: 6360 FEET: OTHER DATA IS THIS A NEW WELL DRILLED FOR INJECTION? YES X NO IF NO, FOR WHAT PURPOSE WAS THE WELL ORIGINALLY DRILLED? PRODUCING OIL AND GAS WELL NAME THE INJECTION FORMATION: 6400' SAND (BRUSHY CANYON) B. C. NAME THE FIELD OR POOL (IF APPLICABLE) LUSK WEST (DELAWARE) HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED D. NONE DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. GIVE THE NAME(S) AND DEPTH(S) OF ANY OVER OR UNDERLYING OIL OR GAS ZONES IN THIS AREA: E. WATKINS YATES 5. STRAWN 11000'-11200' 1. YATES 2600'-2800' LUSK STRAWN OIL N.E. LUSK YATES

S. LUSK YATES

W. LUSK DELAWARE

LUSK BONE SPRING

S. LUSK BONE SPRING

E. LUSK BONE SPRING

E. LUSK WOLFCAMP OIL
S. LUSK WOLFCAMP OIL

LUSK DELAWARE

3. BONE SPRING 8200'-8950' WATKINS BONE SPRING

4. WOLF CAMP 10100'-10700' LUSK WOLFCAMP OIL

2. DELAWARE 4600'-7100'

FORM C-108
SECTION III
APPLICATION FOR AUTHORIZATION
TO INJECT
Parker & Parsley
Development L.P.
WATER INJECTION WELL

LUSK ATOKA GAS

LUSK MORROW GAS

N.W. LUSK MORROW GAS
N. LUSK MORROW GAS

6. ATOKA 11200'-11400'

7. MORROW 11500'-12000'

TEXACO INC.				NEW MEX	ICO "CR" STATE		
OPERATOR			 ·	LEASE	·		
4 WELL NO.	330' FNL & 16			SEC-32 SECTION	T-19-S TOWNSHIP		
TYPE OF WELL:	DRY HOLE			-	SPUD DATE:	11/16	3/87
SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA		
	6 SXS CMT	SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000	sx
	50' TO SURFACE	TOC:	Surface		FEET DETERMINED BY:	Circu	lated
11-3/4"	950'	HOLE SIZE:		17-1/2	INCHES		
	25 SXS CMT 810'-1060'	2. INTERM	IIDIATE CA	SING			
	30 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2200	SX
	2150'-2440	TOC:	Surface		FEET DETERMINED BY:	Circul	ated
		HOLE SIZE:		12-1/4	INCHES		
8-5/8"	3800'	3. LONG S	TRING				
	i	SIZE:	5-1/2	INCHES	CEMENTED WITH:	1600	sx
		TOC:	Surface		FEET DETERMINED BY:	Circul	ated
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	6863	FEET		
		5. PERFO			FEET TO: ED OR OPEN HOLE; INDIC PERFORATED" PERFORATED IN ANY		FEET
		LIST AL	L SUCH P	ERFORATE	ED INTERVALS AND G	IVE PLUGGED	NONE
					APPI	FORM C-108 SECTION VI LICATION FOR AUTHO TO INJECT Parker & Parsley	
						Development L.F	

WATER INJECTION WELL TABULATION OF WELL DATA

PAUL E. HASKINS			SHELL FE	DERAL		
OPERATOR			LEASE			
1	1980' FSL & 600' FEL		SEC-30	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	DRY HOLE		-	SPUD DATE:	2/25/71	
SCHEMATIC	4 QUE	ACE CASING		TABULAR DATA		
5 SX	(S CMT	ACE CASING				
5 SX @ S	URFACE SIZE:	10-3/4	INCHES	CEMENTED WITH:	50	SX
	TOC:	Surface		FEET DETERMINED BY:	Circulated	
	HOLE SIZ	ZE:	17-1/2	INCHES		
	2. INTE	RMIDIATE CA	SING			
	SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
	TOC:	N/A		FEET DETERMINED BY:	N/A	
	HOLE SIZ	! E:	N/A	INCHES		
	3. LONG	STRING				
10-3/4" 320'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	N/A	sx
@ 540'-	565' TOC:	N/A	·- <u>-</u> ,	FEET DETERMINED BY:	N/A	
	HOLE SIZ	E:	11	INCHES		
	4. TOTA	AL DEPTH:	3508	FEET		
289	0'-1050' 5. PER f	FORATIONS				
@ 225 @ 266			VER BEEN	FEET TO: ED OR OPEN HOLE; INDI PERFORATED" PERFORATED IN AN ED INTERVALS AND O	Y OTHER ZONE(S)?	
				ENT OR PLUG(S) USI		/A
						
@ 225	0'-2350'					
					FORM C-108 SECTION VI	
				APPLICA	ATION FOR AUTHORIZATIO	N
					Parker & Parsley	
@ 266	0'-2760'			WA	Development L.P.	
2773'				TABL	JLATION OF WELL DATA	

TEXACO INC				SA BOWMAN FEDERAL					
OPERATOR				LEASE					
4 WELL NO.	990' FSL &			SEC-29	T-19-S TOWNSHIP	R-32-E			
	PLUGGED			_	SPUD DATE:				
SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA				
		SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000	sx		
		TOC:	Surface		FEET DETERMINED BY:	Circulated			
11-3/4"	928'	HOLE SIZE:		14-3/4	INCHES				
		2. INTERN	MIDIATE CA	ASING					
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	1800	sx		
		TOC:	Surface		FEET DETERMINED BY:	Circulated			
8-5/8"	3842'	HOLE SIZE:		11	INCHES				
0-5/6	3042	3. LONG	STRING						
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	1750	sx		
		TOC:	Surface	 .	FEET DETERMINED BY:	Circulated			
		HOLE SIZE:		7-7/8	INCHES				
		4. TOTAL	DEPTH:	6850	FEET				
		5. PERFO	RATIONS	(PERFORAT)	6428 FEET TO:	6139 FEET			
CIBP P		LIST A	LL SUCH P	VER BEEN ERFORATE	PERFORATED" PERFORATED IN AN ED INTERVALS AND G ENT OR PLUG(S) USE	Y OTHER ZONE(S)? GIVE PLUGGED			
3 CIBP C	5' CMT IBP @ 6300'		· · · · · · · · · · · · · · · · · · ·						
題 :	ERFS 428'-6139'					FORM C-108 SECTION VI			
CIBP	5' CMT CIBP @ 6650'				APPLICA	TION FOR AUTHORIZATION TO INJECT			
5-1/2"	6850'					Parker & Parsiey Development L.P.			

WATER INJECTION WELL

TEXA	ACO INC.			FEDERAL	USA "J"			
OPERA	TOR			LEASE				
	1	990' FSL & 660' FEL		SEC-30		T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION	FOOTAGE LOCATION		TOWNSHIP		RANGE	
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WEL	L	_	SPUD DATE: _	8/17/87	
	SCHEMATIC				TABULAR	DATA		
		1. SUFAC	E CASING					
		SIZE:	13-3/8	INCHES	CEMENTED V	VITH:	300	sx
13-3/8"	80		Surface		FEET DETERI	MINED BY: _	Circulated	
13-3/6	000			17-1/2		NCHES		
		2. INTERN	MIDIATE CA	SING				
		SIZE:	8-5/8	INCHES	CEMENTED V	VITH:	1810	sx
		TOC:	Surface		FEET DETER	MINED BY:	Circulated	
		HOLE SIZE:		12-1/4		NCHES		
8-5/8	370:	3. LONG \$	STRING					
		SIZE:	4-1/2	INCHES	CEMENTED V	VITH: _	600	sx
		TOC:	2780		FEET DETER	MINED BY:	Calculated	
		HOLE SIZE:		7-7/8		NCHES		
		4. TOTAL	DEPTH:	11300		FEET		
		5. PERFO	RATIONS					
				6381		FEET TO:	6386 FEET	
				(PERFORAT	ED OR OPEN I PE	RFORATE		
						F	ORM C-108	
							SECTION VI	
	PLUG PBD@				A		N FOR AUTHORIZATION TO INJECT	
	PLUG PBD@ 6	5799'				Par	ker & Parsley	
4-	-1/2" 11296					Dev	elopment L.P.	
	OLD PERFS 11204'-11252'					\A/A TED	IN ICOTION MELL	

TABULATION OF WELL DATA

WATER INJECTION WELL

TEX/	ACO INC.			FEDERAL	USA "I"		
OPERA	TOR			LEASE			
	1 WELL NO.	660' FNL & 660' FEL		SEC-31	T-19-S TOWNSHIP	R-32-E	
	WELL NO.				TOWNSHIP		
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEI	<u>_L</u>	SPUD DATE:	4/26/64	
	SCHEMATIC	1. SUFACE	CASING		TABULAR DATA		
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	350	sx
		•			FEET DETERMINED BY:	Circulated	
13-3/8"	896'	HOLE SIZE:		17-1/2	INCHES		
		2. INTERM	IDIATE CA	SING			
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	400	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		12-1/4	INCHES		
8-5/8	3706	3. Lọng s	TRING			·	
		SIZE: .	5-1/2	INCHES	CEMENTED WITH:	1600	sx
		TOC:	2780		FEET DETERMINED BY:	Calculated	
	3706'	HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL [DEPTH:	6981	FEET		
		5. PERFOR	RATIONS	6682	FEET TO:	6727 FEET	
				(PERFORATI	ED OR OPEN HOLE; INDIC "PERFORATE		
	TBG @ 6 PERFS 6682'-672	547 <i>2</i> '				FORM C-108 SECTION VI	
	TBG @ 6 PERFS 6682'-672				APPLICATIO	ON FOR AUTHORIZATION TO INJECT	
5-	.1/2" 6951'					rker & Parsley velopment L.P.	

TABULATION OF WELL DATA

WATER INJECTION WELL

TEXA	ACO INC.			FEDERAL	USA "J"		
OPERA	TOR			LEASE			
	2	660' FSL & 385' FEL		SEC-30	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUCING OIL AN	ND GAS WE	LL	SPUD DATE:	7/3/93	
	SCHEMATIC				TABULAR DATA		
		1. SUFAC	E CASING				
		SIZE:	11-3/4	INCHES	CEMENTED WITH:	560	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
11-3/4"	850			17-1/2	INCHES		
		2. INTERI	MIDIATE CA	ASING			
		SIŻE:	8-5/8	INCHES	CEMENTED WITH:	2655	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:	:	12-1/4	INCHES		
8-5/8	4100'	3. LONG	STRING				
	4100'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	900	sx
		TOC:	3420		FEET DETERMINED BY:	Calculated	
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	7229	FEET		
		5. PERFO	RATIONS				
				6638	FEET TO:	7102 FEE	Τ
				(FERTORAT	"PERFORATI		
						FORM C-108	
						SECTION VI	
	TBG@ 7	'003'			APPLICATION	ON FOR AUTHORIZATION	l
	TBG@ 7 PERFS 6638'-71	02'				TO INJECT	
					Pa	rker & Parsley	
5-	1/2" 7229'					velopment L.P.	

WATER INJECTION WELL
TABULATION OF WELL DATA

TEXACO INC.				FEDERAL USA "J"					
OPERA	TOR			LEASE					
	3	1980' FSL & 330' FEL		SEC-30			R-32-E		
	WELL NO.	FOOTAGE LOCATION		SECTION	NWOT	ISHIP R	ANGE		
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEL	L	SPUD	DATE:	6/26/94		
	SCHEMATIC	1. SUFACE	CASING		TABULAR DA	<u> </u>			
				INCHES	CEMENTED WITH:		650	sx	
			Surface		FEET DETERMINED	D BY: (Circulated		
11-3/4"	850'	HOLE SIZE:		17-1/2	INCHE	:S			
		2. INTERMI	DIATE CA	SING					
		SIZE:	8-5/8	INCHES	CEMENTED WITH:		2075	sx	
		TOC: <u>5</u>	Surface		FEET DETERMINED) BY:	Circulated		
		HOLE SIZE:	·	12-1/4	INCHE	:S			
8-5/8	4120'	3. LONG ST	RING						
		SIZE:	5-1/2	INCHES	CEMENTED WITH:		450	sx	
		TOC:	5310		FEET DETERMINED	BY: Ten	np. Survey		
		HOLE SIZE:		7-7/8	INCHE	S			
		4. TOTAL D	EPTH:	7200	FEET				
		5. PERFORA	ATIONS	6639	FEET	то: 7088	FEET		
			•	(PERFORATI		; INDICATE WHICH) RATED"			
						FORM C-10	Ω		
						SECTION V			
	PERFS 6639'-708	18'			APPLI	CATION FOR AUT TO INJECT			
_						Parker & Para Development			
5-	-1/2" 7200'					Severabilient			

WATER INJECTION WELL

KINCA	ID & WAT	SON DRILLING CO	•		SA BOWM	AN FEDERAL		
OPERATO	R				LEASE			
	1	330' FSL 8	2310' FWL		SEC-29	T-19-S	R-32-	Ε
	WELL NO.	FOOTAGE L	OCATION		SECTION	TOWNSHIP	RANGE	
Т	YPE OF WELL	L: PLUGGED	& ABANDON	ED	_	SPUD DATE:	8/1	5/57
	SCHEMA	тіс				TABULAR DATA		
:	base of the same	79%	1. SUFAC	E CASING				
		10 SXS CMT @ SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
			TOC:	Surface		FEET DETERMINED BY:	Circu	lated
			HOLE SIZE:		11	INCHES		
			2. INTERN	MIDIATE C	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
			3. LONG	STRING				
8-5/8"		880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	60	0 sx
			TOC:	250		FEET DETERMINED BY:	Temp. S	Survey
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2770	FEET		
			5. PERFO	RATIONS	2493	FEET TO:	2567	FEET
						ED OR OPEN HOLE; INDIC		
						PERFORATED"		
						PERFORATED IN ANY D INTERVALS AND G	•	5)?
						ENT OR PLUG(S) USE		NONE
		CMT PLUG						
		@ 2500'-2690'				<u> </u>		
		CMT PLUG @ 2500'-2690'					FORM C-108 Section Vi	
						APPI	ICATION FOR AUTH	ORIZATION
							Parker & Parsie Development L.	

WATER INJECTION WELL
TABULATION OF WELL DATA

TEXAC	OINC				BOWMAN			
OPERATO	R				LEASE			
	1	2310' FNL 8	& 2310' FWL		SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LO			SECTION	TOWNSHIP	RANGE	· · · · · · · · · · · · · · · · · · ·
ī	YPE OF WELL:	PLUGGED	& ABANDON	ED	-	SPUD DATE:	10/10/67	7
	SCHEMATIC	c	1. SUFAC	E CASING		TABULAR DATA		
٤		20'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
		CUT 8-5/8" CSG 100' TO SURFACE	TOC:	Surface		FEET DETERMINED BY:	Circulate	ed
			HOLE SIZE:		11	INCHES		
			2. INTERN	IIDIATE CA	SING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
8-5/8"			3. LONG	STRING				
6-5/6		880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	700	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulate	<u>ed</u>
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2770	FEET		
			5. PERFO	RATIONS	2628 (PERFORATI	FEET TO: ED OR OPEN HOLE ; INDIC	2648 :ATE WHICH)	_FEET
			LIST A	LL SUCH P	VER BEEN ERFORATE	PERFORATED" PERFORATED IN ANY D INTERVALS AND G ENT OR PLUG(S) USE	OTHER ZONE(S)?	N/A
		CMT PLUG @ 2250'-2350'						
							FORM C-108 SECTION VI	
						APP	LICATION FOR AUTHORI TO INJECT	ZATION
		CMT PLUG @ 2580'-2680'					Parker & Parsley Development L.P.	

WATER INJECTION WELL
TABULATION OF WELL DATA

Parker & Parsley Development L.P

Develop	nent L.P.				SOUTHER	IN CALIFORNIA FEDE	RAL	
OPERATOR				<u>-</u>	LEASE			
	3	1980' FSL &	1980' FWL		SEC-29	T-19-S	R-32-E	
,	WELL NO.	FOOTAGE LOC			SECTION	TOWNSHIP		
TYP	E OF WELL: _	PLUGGED &	ABANDON	ED	_	SPUD DATE:	10/24/63	
:	SCHEMATIC					TABULAR DATA		
	***	ISSUE OF CHIT	1. SUFAC	E CASING				
		96' CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	600	sx
		75 SXS CMT @ 711'-811'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		899'	HOLE SIZE:	-	17-1/2	INCHES		
		SIDE TRACKED ON RE-ENTRY	2. INTERI	MIDIATE CA	ASING			
		@ 2100'-2373'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1700	sx
		150 SXS CMT @ 2175'-2304'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		11	INCHES		
		25 SXS CMT @ 4490'	3. LONG	STRING				
8-5/8"	 .	4604'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
		≟ 4-1/2" STUB 25 SXS CMT @ 4700'	TOC:	10100		FEET DETERMINED BY:	Temp. Survey	
			HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	11406	FEET		
			5. PERFO	RATIONS				
					11330 (PERFORAT	FEET TO: ED OR OPEN HOLE; INDI	11340 FEET	
	: E					PERFORATED"		
	ŀ					PERFORATED IN AN ED INTERVALS AND (, ,	
	1					ENT OR PLUG(S) USI		
					·			
							FORM C-108 SECTION VI	
						APPLICA	ATION FOR AUTHORIZATION TO INJECT	
		25 SXS CMT					Parker & Parsley	
		PERFS 11330'-11340'				WA	Development L.P. ATER INJECTION WELL	
							JLATION OF WELL DATA	
4-1/2"		11406'				IAB	TELL BAIA	

TEX	ACO INC.			NEW MEX	CICO "CR" STATE			
OPERA	TOR			LEASE	· · · · · · · · · · · · · · · · · · ·			
	1	660' FNL & 660' FWL	• ,	SEC-32	T-19-S	R-3	2- E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSH	IP RAN	GE	
	TYPE OF WELL:	PRODUCING OIL AN	ID GAS WE	LL	SPUD DA	TE:	7/3/90	
						- -		
	SCHEMATIC				TABULAR DATA			
		1. SUFAC	E CASING					
		SIZE:	11-3/4	INCHES	CEMENTED WITH:	(600	sx
			Surface		_FEET DETERMINED BY	c Cir	culated	
11-3/4"	925			17-1/2	INCHES			
		2. INTER	MIDIATE CA	SING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:		600	sx
		TOC:	Surface		_ FEET DETERMINED BY	c Cir	culated	
		HOLE SIZE:		12-1/4	. INCHES			
8-5/8	3900'	3. LONG	STRING					
		SIZE:	4-1/2	INCHES	S CEMENTED WITH:		300	sx
		TOC:	6400		_FEET DETERMINED BY		culated	
		HOLE SIZE:		7-7/8	INCHES	Cmt Sqz Perfs	& Leaks	
			DEPTH:) FEET			
		E DEREC	RATIONS					
		5. PERFO	RATIONS	11256			FEET	
				(PERFORAT	FED OR OPEN HOLE; IN PERFORA			
						F0011 0 400		
						FORM C-108 SECTION VI		
	TBG@	9400'			APRICA	TION FOR AUTHO	ADIZATION	
	TBG@ PERFS 11256'-1	1304'			AFFLICA	TO INJECT	JALATION	
						Parker & Parsle		
4.	-1/2" 11495'					Development L	.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

Development L.P.			SOUTHE	RN CALIFORNIA FEDE	:RAL	
OPERATOR			LEASE			
9	660' FWL & 1980' F	SL	SEC-29	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION					
TYPE OF WELL:	PRODUCING OIL A	ND GAS WE	LL	SPUD DATE:	7/21/96	
SCHEMATIC	ã 1. SUFA	CE CASING		TABULAR DATA		
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	675	sx
8-5/8"	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		: <u></u> -	17-1/2	INCHES		
	2. INTER	MIDIATE CA	ASING			
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1325	sx
	TOC:	Surface		FEET DETERMINED BY:	Circulated	
		·	11	INCHES		
8-5/8"	3. LONG	STRING				
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	1265	sx
8-5/8"	TOC:	Surface		FEET DETERMINED BY:	Circulated	
	HOLE SIZE:		7-7/8	INCHES		
	4. TOTAL	DEPTH:	7210	FEET		
	5. PERFO	RATIONS	6391	FEET TO:	6400 FEET	-
				ED OR OPEN HOLE; INDIC		
⊠ ⊠ TBG			(=	"PERFORATE		
⊠ ⊠ TBG	c@ 6500'			:	FORM C-108 Section VI	
# PERF 6391'				APPLICATIO	N FOR AUTHORIZATION TO INJECT	
					ker & Parsley	
5-1/2" 7210'				Dev	elopment L.P.	

WATER INJECTION WELL

TABULATIONS OF WELL DATA SECTION VI

YATE	S HARVEY E				LUSK "16"	STATE		
OPERA	TOR				LEASE			
	2	1650' FSL &	330' FWL		SEC-16	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOC	ATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	DRY HOLE	 -		-	SPUD DATE:	7/30/8	39
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA		
		10 SXS CMT 100'-SURFACE	SIZE:	9-5/8	INCHES	CEMENTED WITH:	500	sx
			TOC:	Surface		FEET DETERMINED BY:	Circula	ted
			HOLE SIZE:		11	INCHES		
			2. INTER	MIDIATE CA	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
9-5/8"		450'	3. LONG	STRING				
9-3/6		K	SIZE:	5-1/2	INCHES	CEMENTED WITH:	3475	sx
			TOC:	Surface		FEET DETERMINED BY:	Circula	ted
			HOLE SIZE:		7-7/8	INCHES		
	K62: K2	8	4. TOTAL	DEPTH:	6600	FEET		
			5. PERFO	RATIONS				
					6506 (PERFORAT	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED"	6506 CATE WHICH)	FEET
		25 SXS CMT				PERFORATED IN AN		,
		2526'-2776'				ED INTERVALS AND G ENT OR PLUG(S) USE		NONE
		50 SXS CMT						
	СІВР	CIBP @ 4800'					FORM C-108 SECTION VI	
	CIBP					APP	LICATION FOR AUTHOR TO INJECT	RIZATION
		50 SXS CMT					Parker & Parsley Development L.P.	
	CIBP	CIBP @ 6475'					WATER INJECTION WI	ELL
5-1	/2"	6600'				ו	ABULATION OF WELL	DATA

KERSEY & CO.				ATLANTIC	;		
OPERATOR				LEASE			
11		0' FSL & 990					
WELL NO.	FOO	TAGE LOCATION	ON	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	DR	Y HOLE		_	SPUD DATE:	9/18/59)
SCHEMATIC					TABUU AB . BATA		
CEMENT MARKER	<u> </u>	1. SUFAC	E CASING		TABULAR DATA		
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	60	sx
		TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
		HOLE SIZE:		UNKNOWN	INCHES		
		2. INTERM	MIDIATE CA	ASING			
	FILLED WITH MUD	SIZE:	PULLED	INCHES	CEMENTED WITH:	DATE: 9/18/59 TA WITH: 60 DBY: UNKNOWN SS WITH: N/A DBY: N/A SS WITH: N/A DBY: N/A SS TO: N/A FEET INDICATE WHICH) N ANY OTHER ZONE(S)? AND GIVE PLUGGED	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
		HOLE SIZE:		N/A	INCHES		
		3. LONG	STRING				
		SIZE:	PULLED	INCHES	CEMENTED WITH:	N/A	SX
		TOC:	N/A		FEET DETERMINED BY:	N/A	
8-5/8"	917'	HOLE SIZE:		N/A	INCHES		
	10 SXS CMT, PLUG	4. TOTAL	DEPTH:	2710	FEET		
		5. PERFO	RATIONS				
				(PERFORAT	FEET TO:		
		LIST A	LL SUCH P	ERFORATE	PERFORATED IN AN' ED INTERVALS AND G ENT OR PLUG(S) USE	IVE PLUGGED	<u></u>
	FILLED WITH MUD		_		N/A		
			•			FORM C-108	
					APP		ZATION
						TO INJECT	
	10 SXS CMT, PLUG					-	
	2710'					WATER INJECTION WEL	LL.

TEXA	CO INC.				NEW MEX	ICO "CR" STATE		
OPERAT	OR				LEASE			
	4	330' FNL & 1	1662' FWL		SEC-16	T-19-S	; 	R-32-E
	WELL NO.	FOOTAGE LOC	CATION		SECTION	TOWNS	HIP I	RANGE
	TYPE OF WELL	DRY HOLE			-	SPUD DA	ATE:	11/16/87
	SCHEMAT	ic	1. SUFAC	E CASING		TABULAR DATA	4	
		6 SXS CMT 50' TO SURFACE		11-3/4	INCHES	CEMENTED W	ЛТН:	1000 sx
				Surface		FEET DETERMINED E	BY:	Circulated
11-3/4"		950'	HOLE SIZE:		17-1/2	INCHES		
		25 SXS CMT 810'-1060'	2. INTERI	MIDIATE CA	ASING			
		30 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED W	лтн:	2200 sx
		2150'-2440	TOC:	Surface		FEET DETERMINED E	BY:	Circulated
			HOLE SIZE:		12-1/4	INCHES		
8-5	/8"	3800'	3. LONG	STRING				
	_	_	SIZE:	5-1/2	INCHES	CEMENTED W	/ITH:	1600 sx
			TOC:	Surface		FEET DETERMINED E	BY:	Circulated
			HOLE SIZE:	:	7-7/8	INCHES		
			4. TOTAL	. DEPTH:	6863	FEET		
			5. PERFC	PRATIONS	6442 (PERFORATE	FEET TO		FEET
			LIST A	LL SUCH P	VER BEEN ERFORATE	PERFORATED" PERFORATED IN DINTERVALS AN ENT OR PLUG(S)	ID GIVE PLUGG	* *
					-			
							FORM SECTI	ON VI
							APPLICATION FOR TO IN Parker &	JECT
							Developr	nent L.P.
!	5-1/2"	6863'					TABULATION (

CULBERTSON-IRWIN	INC.			LYNCH		
OPERATOR				LEASE		
4	660' FSL & 6	60' FEL		SEC-20	T-19-S	R-32-E
WELL NO.	FOOTAGE LOC	ATION		SECTION	TOWNSHIP	RANGE
TYPE OF WELL:	DRY HOLE			_	SPUD DATE:	10/30/43
SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA	
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	UNKNOWN
		TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
		HOLE SIZE:		UNKNOWN	INCHES	
		2. INTER!	MIDIATE CA	ASING		
		SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN
		TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN
				UNKNOWN	INCHES	
		3. LONG	STRING			
		SIZE:	UNKNOWN	INCHES	_	UNKNOWN
		TOC: HOLE SIZE:	UNKNOWN	LINKNOWN	FEET DETERMINED BY:	UNKNOWN
		4. TOTAL		2820		
		5 DEDEC	RATIONS			
		J. I LINI C	MATIONS	UNKNOWN	FEET TO UN	
		C 114C T	IC WELL E		PERFORATED"	
FROM: DOWNS OIL AND	RESEARCH	IST A	LL SUCH P	ERFORATE	PERFORATED IN AN ED INTERVALS AND G ENT OR PLUG(S) USE	SIVE PLUGGED
1424 PAIGE HOBBS, N.M. , 88	=				UNKNOWN	
WELLS DRILLED BACI	K IN THE 1940'S					
THAT WERE ON FEDERA	AL LAND WERE					FORM C-108 SECTION VI
NOT REQUIRED TO FUR	NISH THE OCD				APPLICA	TION FOR AUTHORIZATION TO INJECT
WITH COPIES OF THE P	UGGING LOG.					Parker & Parsley Development L.P.
SO ALL THAT IS AVAILA	ABLE IS THE				WA	TER INJECTION WELL
INFORMATION ON THE	SCOUT TICKET.				TARI	II ATION OF WELL DATA

PAUL E.	HASKINS				SHELL FE	DERAL		
OPERATOR	-				LEASE			
	1	1980' FSL &	600' FEL		SEC-30	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RANGE	
TY	PE OF WELL: _	DRY HOLE			_	SPUD DATE:	2/25/71	
	SCHEMATIC	31 = =====	1. SUFAC	E CASING		TABULAR DATA		
		5 SXS CMT @ SURFACE	SIZE:	10-3/4	INCHES	CEMENTED WITH:	50	sx
			TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		17-1/2	INCHES		
			2. INTERI	MIDIATE C	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
			3. LONG	STRING				
10-3/4"		320'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	N/A	sx
		@ 540'-565'	TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		11	INCHES		
			4. TOTAL	DEPTH:	3508	FEET		
		@ 1150'-1050'	5. PERFO	RATIONS				
					N/A (PERFORAT	FEET TO: ED OR OPEN HOLE; INDI PERFORATED"	N/A FEET CATE WHICH)	
						PERFORATED IN AN		
			DETAIL	L, I.E. SACI	KS OF CEM	ENT OR PLUG(S) USI	ED. N	N/A
		@ 2250'-2350'					FORM C-108	
							SECTION VI	
						APPLICA	TO INJECT	N
							Parker & Parsley Development L.P.	
		@ 2660'-2760'				WA	TER INJECTION WELL	
						TABL	JLATION OF WELL DATA	

MARI	BOB ENERGY	CORP.			AQUEDUCT AGG FEDERAL				
OPERAT	TOR				LEASE				
		330' FSL & 3							
	WELL NO.	FOOTAGE LOC	CATION		SECTION	TOWNSHIP	RANGE		
	TYPE OF WELL:	PLUGGED 8	ABANDONI	ED	-	SPUD DATE:	6/11/8	9	
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA			
		15 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	800	sx	
			TOC:	Surface		FEET DETERMINED BY:	Circulat	ed	
13-3/8"		802'	HOLE SIZE:		17-1/2	INCHES			
		40 SXS CMT	2. INTERN	IIDIATE CA	SING				
		TOC @ 2812'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2950	sx	
		CUT 5-1/2" CSG @ 2890'	TOC:	Surface		FEET DETERMINED BY:	Circulat	ed	
			HOLE SIZE:		12-1/4	INCHES			
			3. LONG S	STRING					
8-5/8	,, 2	4500'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	975	sx	
			TOC:	Surface		FEET DETERMINED BY:	Circulat	ed	
	CIBP	35 SXS CMT TOC @ 4930'	HOLE SIZE:		7-7/8	INCHES			
	CIBP	CIBP @ 4975'	4. TOTAL	DEPTH:	7300	FEET			
	254 19		5. PERFO	RATIONS					
					•	ED OR OPEN HOLE; INDI-	·	— ^{FEET}	
			LIST AL	L SUCH P	ERFORATE	PERFORATED IN AN ED INTERVALS AND C ENT OR PLUG(S) USE	SIVE PLUGGED	NONE	
							FORM C-108 SECTION VI		
						АРР	LICATION FOR AUTHOR	ZATION	
							Parker & Parsley Development L.P.		
							WATER INJECTION WE	LL.	

Parker & Parsley

Deve	lopment L.P.				LUSK DEE	P UNIT "A"		
OPERA1	TOR				LEASE			
	3	1650' FNL & 6	60' FWI		SEC-20	T-19-S	R-32-E	
-	WELL NO.	FOOTAGE LOCA		·	SECTION	TOWNSHIP		
	TYPE OF WELL:	PLUGGED &	ABANDONI	ED	_	SPUD DATE:	7/22/6	31
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA		
		10 SXS CMT @ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	900	sx
			TOC:	Surface		FEET DETERMINED BY:	Circula	ted
13-3/8"		25 SXS CMT 700'-800' 786'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERN	MIDIATE CA	ASING			
			SIZE:	9-5/8	INCHES	CEMENTED WITH:	2730	sx
		25 SXS CMT 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circula	ted
			HOLE SIZE:		12-1/4	INCHES		
		35 SXS CMT 4412'-4552'	3. LONG S	STRING				
9-5/8		4552'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	382	sx
			TOC:	10605	_	FEET DETERMINED BY:	Temp. Su	rvey
		25 SXS CMT 5300'-5400'	HOLE SIZE:		7-7/8	INCHES		
		STUB 5" CSG @ 5400'	4. TOTAL	DEPTH:	12623	FEET		
			5. PERFO	RATIONS	11310 (PERFORAT	FEET TO:	12390 CATE WHICH)	FEET
	CIBP	OPEN HOLE	LIST AL	L SUCH P	ERFORATE	PERFORATED" PERFORATED IN AN ED INTERVALS AND G ENT OR PLUG(S) USE	SIVE PLUGGED	NONE
		CUT 5-1/2" CSG					FORM C-108 SECTION VI	
		20 SXS CMT 10920'-11000'				APP	LICATION FOR AUTHOR	RIZATION
	CIBP	CIBP @ 11000'					Parker & Parsley Development L.P.	
	to!	PERFS @ 11310' - 12390'					WATER INJECTION WE	<u>:</u> LL
5-1	/2"	12439'				٦	TABULATION OF WELL I	DATA

Parker & Parsley
Development L.P.

LUSK DEEP UNIT "A"

OPERAT	OR		•		LEASE			
	7 WELL NO.	1650' FSL & 9			SEC-20	T-19-S TOWNSHIP		
	TYPE OF WELL:	PLUGGED &	ABANDONI	ED	-	SPUD DATE	: 2/11/6	i 4
	SCHEMATIC	;	1. SUFAC	E CASING		TABULAR DATA		
		10 SXS CMT @ SURFACE			INCHES	CEMENTED WITH	775	sx
			TOC:	Surface		FEET DETERMINED BY:	Circula	ted
13-3/8"		25 SXS CMT 700'-800'	HOLE SIZE:		17-1/2	INCHES		
13-3/6		762'	2. INTERN	MIDIATE CA	SING			
			SIZE:	8-5/8	INCHES	CEMENTED WITH	2350	SX
		25 SXS CMT 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circula	ted
			HOLE SIZE:		12-1/4	INCHES		
		35 SXS CMT 3774'-3874'	3. LONG S	STRING				
8-5/8"		3796'	SIZE:	4-1/2	INCHES	CEMENTED WITH	600	sx
			TOC:	7600	_	FEET DETERMINED BY:	Temp. Su	rvey
		25 SXS CMT 6300'-6400'	HOLE SIZE:		7-7/8	INCHES		
		STUB 4-1/2" CSG @ 6500'	4. TOTAL	DEPTH:	11467	FEET		
			5. PERFO	RATIONS	11371 (PERFORAT	FEET TO:	11422	FEET
	СІВР	OPEN HOLE CUT 4-1/2" CSG	LIST AI	L SUCH P	VER BEEN ERFORATE	PERFORATED" PERFORATED IN AN ED INTERVALS AND ENT OR PLUG(S) US	IY OTHER ZONE(S)? GIVE PLUGGED	NONE
								-
		CUT 4-1/2" CSG					FORM C-108	
		25 SXS CMT 10920'-11000'				API	SECTION VI	RIZATION
	СІВР	CIBP @ 11000'					TO INJECT Parker & Parsley	
		PERFS @ 11371' - 11422'					Development L.P. WATER INJECTION WI	ELL
4-1	/2"	PERFS @ 11371' - 11422'					TABULATION OF WELL	

SHA	CKELFORD	OIL			LYNCH			
OPERA	TOR				LEASE			
	1	660' FSL & 6	60' FWL		SEC-21			
	WELL NO.	FOOTAGE LOC	ATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL	: PLUGGED &	ABANDON	ED	-	SPUD DATE:	12/18/41	
	SCHEMAT	ГІС	1. SUFAC	E CASING		TABULAR DATA		
			SIZE:	8-1/4	INCHES	CEMENTED WITH:	50	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
8-1/4"		920'	HOLE SIZE:		UNKNOWN	INCHES		
			2. INTER	MIDIATE CA	ASING			
			SIZE:	7	INCHES	CEMENTED WITH:	100	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
			HOLE SIZE:		UNKNOWN	INCHES		
	7"		3. LONG	STRING				
	7"	2696'	SIZE:	UNKNOWN	INCHES	CEMENTED WITH:	UNKNOWN	sx
			TOC:	UNKNOWN		FEET DETERMINED BY:	UNKNOWN	
			HOLE SIZE:		UNKNOWN	INCHES		
	,	2696'	4. TOTAL	DEPTH:	2751	FEET		
			5. PERFO	RATIONS				
					(PERFORAT	FEET TO UI		
					•	PERFORATED"	,	
						PERFORATED IN AN ED INTERVALS AND (
FRO		IL AND RESEARCH				ENT OR PLUG(S) US		
		PAIGE I.M. , 88240				UNKNOWN	· - -	
"	ELLS DRILLE	D BACK IN THE 1940'S					FORM C-108	
THA	AT WERE ON I					SECTION VI		
NO.	T REQUIRED 1	O FURNISH THE OCD				APPLICA	ATION FOR AUTHORIZATION TO INJECT	
WIT	'H COPIES OF	THE PUGGING LOG.	İ				Parker & Parsley Development L.P.	
so	ALL THAT IS	AVAILABLE IS THE				WA	ATER INJECTION WELL	
INF	ORMATION O				TABI	ULATION OF WELL DATA		

SHACK		OIL				LYNCH			
OPERATOR						LEASE			
			1980' FSL &	660' FWL		SEC-21	T-19-S	R-32-E	<u> </u>
	WELL NO.		FOOTAGE LOC	CATION		SECTION	TOWNSHIP	RANGE	
ΤΥ	PE OF WEL	L:	PLUGGED 8	ABANDON	ED	_	SPUD DATE:	4/1	1/42
	SCHEMA	TIC					TABULAR DATA		
				1. SUFAC	E CASING				
·			10 SXS CMT 100'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	50	sx
				TOC:	Surface		FEET DETERMINED BY:	Circu	lated
				HOLE SIZE:		11	INCHES		
		3000000		2. INTERN	MIDIATE CA	ASING			
				SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	s×
				TOC:	N/A		FEET DETERMINED BY:	N/A	
				HOLE SIZE:		N/A	INCHES		
8-5/8"			905'	3. LONG	STRING				
	CIB	P	10 SXS CMT CIBP @ 915'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	100	sx
				TOC:	2400		FEET DETERMINED BY:	Temp. S	Survey
	CIB	D		HOLE SIZE:		7-7/8	INCHES		
				4. TOTAL	DEPTH:	2820	FEET		
				5. PERFO	RATIONS	2680		2955	FEET
							ED OR OPEN HOLE; INDIC PERFORATED"		
				LIST A	LL SUCH P	ERFORATE	PERFORATED IN ANY ED INTERVALS AND G	IVE PLUGGED	i)?
				DETAIL	., I.E. SACI	KS OF CEM	ENT OR PLUG(S) USE	D	NONE
								FORM C-108 SECTION VI	
			CUT OFF 5-1/2" CSG @ 2110'				APPI	ICATION FOR AUTH	ORIZATION
			6 SXS CMT					Parker & Parsie Development L.	•
	38	132	GRAVEL FROM					pevelopment L.	r.

TD TO 2525'

SHACKELFORD OI	L			PLAINS FE	EDERAL		
OPERATOR				LEASE			
4 WELL NO.	1930' FSL 8			SEC-21	T-19-S	R-32-E	
	PLUGGED					9/12	/63
SCHEMATIC		1 SUFAC	E CASING		TABULAR DATA		
	25 SXS CMT 35'-SURFACE	SIZE:		INCHES	CEMENTED WITH:	725	sx
		TOC:	Surface		FEET DETERMINED BY:	Circula	ated
13-3/8"	831'	HOLE SIZE:		17-1/2	INCHES		
	150 SXS CMT @723'-930'	2. INTERN	MIDIATE CA	SING			
		SIZE:	9-5/8	INCHES	CEMENTED WITH:	1000	sx
	2000 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circula	ated
	@2336'-2445'	HOLE SIZE:		11	INCHES		
		3. LONG	STRING				
9-5/8"	4290'	SIZE:	N/A	INCHES	CEMENTED WITH:		V/A sx
		TOC:	N/A		FEET DETERMINED BY:	1	N/A
		HOLE SIZE:			INCHES		
		4. TOTAL	DEPTH:	11517	FEET		
		5. PERFO	RATIONS	N/A	FEET TO:	N/A	FEET
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(PERFORAT	ED OR OPEN HOLE; INDIC	ATE WHICH)	
	LOADED HOLE WITH MUD TO 2445'	LIST A	LL SUCH PE	ERFORATE	PERFORATED IN ANY ED INTERVALS AND G ENT OR PLUG(S) USE	IVE PLUGGED	NONE
	•						
						FORM C-108 SECTION VI	

...... 11517

APPLICATION FOR AUTHORIZATION TO INJECT

Parker & Parsley Development L.P.

WATER INJECTION WELL

OPERATO	RTSON-IRWI				BOWMAN LEASE			·	-
	1	660' FNL & 6	60' FWI		SEC-28	T-19-S	R-32-E		
	WELL NO.	FOOTAGE LOC			SECTION	TOWNSHIP	RANGE		
т	YPE OF WELL:	PLUGGED 8	ABANDON	ED	_	SPUD DATE:	2/21	/42	
	SCHEMATIC				TA	ABULAR DATA			
	SOFILMATIO		1. SUFAC	E CASING		ROCLAIN DATA			
		10 SXS CMT CUT OFF 8-5/8" CSG 100'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	50		SX
		100-30KI ACE	TOC:	Surface	FE	ET DETERMINED BY:	Circul	ated	
			HOLE SIZE:		11	INCHES			
			2. INTERM	MIDIATE CA	ASING				
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A		sx
			TOC:	N/A	FE	ET DETERMINED BY:	N/A		
	CIBP	10 SXS CMT CIBP @ 800'	HOLE SIZE:		N/A	INCHES			
8-5/8"		908'	3. LONG	STRING					
• • • •			SIZE:	5-1/2	INCHES	CEMENTED WITH:	100	<u> </u>	SX
			TOC:	2391	FE	ET DETERMINED BY:	Temp. S	urvey	
			HOLE SIZE:		7-7/8	INCHES			
			4. TOTAL	DEPTH:	2811	FEET			
			5. PERFO	RATIONS			0055		
					2680 (PERFORATED	FEET TO: OR OPEN HOLE; INDICAT	2955 re w hich)	FEET	
			6 HAG TI	IE WELLE		RFORATED"	THE TONE (O)	•	
			LIST AI	LL SUCH P	ERFORATED I	RFORATED IN ANY (INTERVALS AND GIV	E PLUGGED	!	
			DETAIL	., I.E. SACI	KS OF CEMEN	T OR PLUG(S) USED.		NONE	
							-		
							FORM C-108 SECTION VI		

CUT OFF 5-1/2" CSG @ 2200' CMT PLUG @ 2762'-2700'

APPLICATION FOR AUTHORIZATION TO INJECT

Parker & Parsley Development L.P.

WATER INJECTION WELL

TABULATION OF WELL DATA

5-1/2"

TEXAC	EXACO INC					BOWMAN			
OPERATO	R					LEASE			
	1 WELL NO		2310' FNL &			SEC-29 SECTION	T-19-S TOWNSHIP		
т	YPE OF WE	ELL:	PLUGGED 8	ABANDON	ED	-	SPUD DATE:	10/10/0	37
	SCHEM	IATIC		1. SUFAC	E CASING		TABULAR DATA		
4			20'-SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
			CUT 8-5/8" CSG 100' TO SURFACE	TOC:	Surface		FEET DETERMINED BY:	Circula	ted
				HOLE SIZE:		11	INCHES		
				2. INTERM	MIDIATE CA	ASING			
				SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
				TOC:	N/A		FEET DETERMINED BY:	N/A	
				HOLE SIZE:		N/A	INCHES		
				3. LONG S	STRING				
8-5/8"			880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	700	sx
				TOC:	Surface		FEET DETERMINED BY:	Circula	ted
				HOLE SIZE:		7-7/8	INCHES		
				4. TOTAL	DEPTH:	2770	FEET		
				5. PERFO	RATIONS	2628 (PERFORATI	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED"	2648 CATE WHICH)	FEET
				LIST AI	LL SUCH P	ERFORATE	PERFORATED IN AN ED INTERVALS AND G ENT OR PLUG(S) USE	SIVE PLUGGED	N/A
	**		CMT PLUG @ 2250'-2350'						
								FORM C-108 SECTION VI	
							АРР	LICATION FOR AUTHOR TO INJECT	IZATION
			CMT PLUG @ 2580'-2680'					Parker & Parsley Development L.P.	

KINCA	ICAID & WATSON DRILLING CO.					IAN FEDERAL		
OPERATO	R				LEASE		_	
	1	330' FSL			SEC-29	T-19-S	R-32-E	
	WELL NO). FOOTAGE	LOCATION		SECTION	TOWNSHIP	RANGE	
т	YPE OF WE	LL: PLUGGE	D & ABANDON	ED	_	SPUD DATE:	8/15	/57
	SCHEMA	ATIC				TABULAR DATA		
			1. SUFAC	E CASING				
		10 SXS CMT @ SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	500	sx
			TOC:	Surface		FEET DETERMINED BY:	Circula	ated
			HOLE SIZE:		11	INCHES		
			2. INTER	MIDIATE C	ASING			
			SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
			TOC:	N/A		FEET DETERMINED BY:	N/A	
			HOLE SIZE:		N/A	INCHES		
			3. LONG	STRING				
8-5/8"		880'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	600	sx
			TOC:	250		FEET DETERMINED BY:	Temp. So	urvey
		880'	HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	2770	FEET		
			5. PERFO	RATIONS				
					2493 (PERFORAT	FEET TO: ED OR OPEN HOLE; INDIC PERFORATED"	2567 CATE WHICH)	FEET
		CMT PLUG @ 2500'-2690'				PERFORATED IN ANY ED INTERVALS AND G		?
			DETAIL	L, I.E. SACI	KS OF CEM	ENT OR PLUG(S) USE	D	NONE
		CMT PLUG @ 2500'-2690'						
	-		-					
							FORM C-108 SECTION VI	
						APPI	LICATION FOR AUTHO	RIZATION
							Parker & Parsley Development L.P.	

TEXACO INC				SA BOWMAN FEDERAL				
OPERATOR				LEASE				
4		990' FSL & 1659' FEL		SEC-29	T-19-S			
WELL NO) .	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE		
TYPE OF WE	LL:	PLUGGED & ABANDON	ED	-	SPUD DATE:	12/8/87		
SCHEMA	ATIC	1. SUFAC	E CASING		TABULAR DATA			
		SIZE:	11-3/4	INCHES	CEMENTED WITH:	1000	sx	
11-3/4"	928'	TOC:	Surface		FEET DETERMINED BY:	Circulated		
11-3/4	920	HOLE SIZE:		14-3/4	INCHES			
		2. INTERN	MIDIATE CA	ASING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	1800	sx	
		TOC:	Surface		FEET DETERMINED BY:	Circulated		
8-5/8"	3842'	HOLE SIZE:		11	INCHES			
0-3/6	3042	3. LONG	STRING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	1750	\$x	
		TOC:	Surface		FEET DETERMINED BY:	Circulated		
		HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL	DEPTH:	6850	FEET			
		5. PERFO	RATIONS		6428 FEET TO:	6139 FEET		
				(PERFORAT	ED OR OPEN HOLE; INDI PERFORATED"	CATE WHICH)		
		LIST A	LL SUCH P	ERFORATE	PERFORATED IN AN ED INTERVALS AND C ENT OR PLUG(S) USI	SIVE PLUGGED		
	35' CMT	300'						
C	PERFS					FORM C-108 SECTION VI		
	6428'-6139 35' CMT CIBP @ 6				APPLICA	ATION FOR AUTHORIZATION TO INJECT		
5-1/2"	6850'					Parker & Parsley		

WATER INJECTION WELL

ar	ker	&	Pa	rs	ley
-				-4	םו

SOUTHERN CALIFORNIA FEDERAL

	opinom in				••••			
OPERAT	OR				LEASE			
	2	990' FNL & 9	990' FWL		SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LO	CATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PLUGGED	& ABANDON	ED	_	SPUD DATE:	3/15/63	
	SCHEMATIC		1 SUFAC	E CASING		TABULAR DATA		
		10 SXS CMT	1. 001 A0	L OAOINO				
		@ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	900	SX
		25 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		@ 700'-800' 827'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERM	MIDIATE CA	ASING			
	***************************************	25 SXS CMT	SIZE:	8-5/8	INCHES	CEMENTED WITH:	2500	sx
		@ 2400'-2500'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
			HOLE SIZE:		11	INCHES		
8-5/		4490'	3. LONG	STRING				
0-3/		35 SXS CMT @ 4497'	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
		25 SXS CMT	TOC:	10100)	FEET DETERMINED BY:	Temp. Survey	
		4-1/2" STUB @ 6497'	HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	11406	FEET		
			5. PERFO	RATIONS				
					11330		11340 FEET	
					(PERFORAT	ED OR OPEN HOLE; INDI PERFORATED"	CATE WHICH)	
						PERFORATED IN AN		
						ED INTERVALS AND (ENT OR PLUG(S) USI		
			DETAIL	L, I.L. JAO	(O OI OLIN	EN ON 1 E00(0) 001	. NONE	
							FORM C-108 SECTION VI	
						APPLICA	ATION FOR AUTHORIZATION TO INJECT	N
		25 SXS CMT					Parker & Parsley	
		PERFS				WA	Development L.P. ATER INJECTION WELL	
		11330'-11340'					JLATION OF WELL DATA	
4.4	/2" 🔏 🗓	Ø 4440C						

Parker & Parsley Development I. P.

Development	L.P.				SOUTHER	N CALIFORNIA FEDE	RAL	
OPERATOR					LEASE			
2	i	1980' FSL & 1	080' E/A/I		SEC-29	T-19-S	R-32-E	
WELL		FOOTAGE LOCA			SECTION	TOWNSHIP		
			. = =				10/01/00	
TYPE OF V	VELL:	PLUGGED &	ABANDON	ED	-	SPUD DATE:	10/24/63	
SCHE	MATIC					TABULAR DATA		
B3334 B3364 Basses	1888 K	96' CMT	1. SUFAC	E CASING				
		@ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	600	sx
				Curfoss			Circulated	
		75 SXS CMT @ 711'-811'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		899'	HOLE SIZE:		17-1/2	INCHES		
		SIDE TRACKED	2 INTEDI	MIDIATE C	A SING			
		ON RE-ENTRY	Z. IN I ENI		701110			
		@ 2100'-2373'	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1700	sx
		150 SXS CMT	TOC:	Surface		FEET DETERMINED BY:	Circulated	
		@ 2175'-2304'	100.	- Garrage				
			HOLE SIZE:		11	INCHES		
	120554	25 SXS CMT @ 4490'	3. LONG	STRING				
8-5/8"		4604'						
		4 (OIL OTALD	SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx
		1/2" STUB XS CMT	TOC:	10100		FEET DETERMINED BY:	Temp. Survey	
		700'			7.7/0			
			HOLE SIZE:		7-778	INCHES		
			4. TOTAL	DEPTH:	11406	FEET		
			E DEDEC	RATIONS				
			5. PERFC	RATIONS	11330	FEET TO:	11340 FEET	
					•	D OR OPEN HOLE; INDI	CATE WHICH)	
			6. HAS TI	HE WELL E		PERFORATED" PERFORATED IN AN	Y OTHER ZONE(S)?	
			LIST A	LL SUCH P	ERFORATE	D INTERVALS AND	SIVE PLUGGED	
32	3 2 21		DETAII	L, I.E. SACI	KS OF CEME	ENT OR PLUG(S) USE	ED. NONE	
						. =		
							SECTION VI	
						APPLICA	TION FOR AUTHORIZATION	
		SXS CMT					TO INJECT	
4.1/2"		ERFS					Parker & Parsley Development L.P.	
2	11	330'-11340'				***	•	
	Pi 11						TER INJECTION WELL	
4-1/2"		11406'				TABL	JLATION OF WELL DATA	

Parker & Parsley

Development L.	P.		NEW MEX	ICO "DH" STATE		
OPERATOR		· -	LEASE			
4 V	2001 ENIL 9 1	220' EEI	SEC-32	T-19-S	D 32 E	
WELL NO.	380' FNL & 3		SECTION	TOWNSHIP		
TYPE OF WEL	L: PLUGGED 8	& ABANDONED	.	SPUD DATE:	3/12/71	
SCHEMA	TIC			TABULAR DATA		
	10 SXS CMT	1. SUFACE CASIN	G			
	@ SURFACE	SIZE: 10-3/-	4 INCHES	CEMENTED WITH:	680	sx
		100				
		тос: Surfac	e	FEET DETERMINED BY:	Circulated	
40.04		HOLE SIZE:	17-1/2	INCHES		
10-3/4	900'	HOLE 312E.	17-172	INCHES		
		2. INTERMIDIATE	CASING			
<u> </u>		SIZE: 7-5/8	INCHES	CEMENTED WITH:	350	sx
		3122.	INOTIES			
		тос: Surfac	e	FEET DETERMINED BY:	Circulated	
	10 SXS CMT	LIOUE CIZE.	11	INCHES		
CIBP	CIBP @ 2700	HOLE SIZE:		INCHES		
		3. LONG STRING				
7-5/8"	2800'	SIZE: 4-1/2	! INCHES	CEMENTED WITH	154	sx
		SIZE. 4 17Z				
	2600	TOC: 4400)	FEET DETERMINED BY:	Temp. Survey	
		HOLE SIZE:	7-7/8	INCHES		
		4. TOTAL DEPTH:	5050	FEET		
		5. PERFORATION	9			
		5. FERI ORATION	4760	FEET TO:	4816 FEET	
			(PERFORAT	ED OR OPEN HOLE; INDI	CATE WHICH)	
	4-1/2" PULLED	6. HAS THE WELL	EVER BEEN	PERFORATED" PERFORATED IN AN	Y OTHER ZONE(S)?	
		LIST ALL SUCH	I PERFORATE	ED INTERVALS AND (GIVE PLUGGED	
		DETAIL, I.E. SA	CKS OF CEM	ENT OR PLUG(S) USI	ED. NONE	
	4-1/2" PULLED				FORM C-108 Section VI	
				APPLICA	ATION FOR AUTHORIZATION	
oppo	3 SXS CMT				TO INJECT	
CIBF	P. CIBP @4742'				Parker & Parsley	
	PERFS 4760'-4816'				Development L.P.	
	4760'-4816'			WA	TER INJECTION WELL	
A 4/2"	5050'			TABL	JLATION OF WELL DATA	
4-1/2"	3030					

Parker & Parsley Development I. P

NEW MEXICO "DH" STATE

bevelopinent E.i .				1121111127			
PERATOR				LEASE			
1	330' FNL &	330' FFI		SEC-32	T-19-S	R-32-E	
WELL NO.	FOOTAGE LO		<u> </u>	SECTION	TOWNSHIP		
TYPE OF WELL:	PLUGGED	& ABANDONI	ED	_	SPUD DATE:	2/25/71	
SCHEMATIC					TABULAR DATA		
	10 SXS CMT	1. SUFAC	E CASING				
	@ SURFACE	SIZE:	8-5/8	INCHES	CEMENTED WITH:	530	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		11	INCHES		
		2. INTERM	IIDIATE CA	ASING			
		SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
	20 CVC CMT	HOLE SIZE:		N/A	INCHES		
	30 SXS CMT @ 850'-950'	3. LONG S	STRING				
8-5/8"	900,	SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:	N/A		FEET DETERMINED BY:	N/A	
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	3508	FEET		
		5. PERFO	RATIONS	N/A	FEET TO:	N/A FEET	r
					ED OR OPEN HOLE ; INDI		
		6 HASTH	EWELL E	VER REEN	PERFORATED" PERFORATED IN AN	Y OTHER ZONE(S	:12
					D INTERVALS AND		,,
	40 SXS CMT	DETAIL	, I.E. SAC	KS OF CEMI	ENT OR PLUG(S) USE	D <u>.</u>	N/A
	@ 2360'-2500'						 -
							
						FORM C-108 SECTION VI	
					APPLICA	TION FOR AUTHORIZ	ATION
	40 0V0					Parker & Parsley Development L.P.	
	@ 2610'-2750'				WA	TER INJECTION WELI	L
	3508'				TABL	LATION OF WELL DA	TA
2 1	<u> </u>						

WELL DATA SHEET Parker & Parsley Development L.P. FORAN "NF" SATE OPERATOR LEASE SEC-32 330' FNL & 1980' FEL T-19-S R-32-E FOOTAGE LOCATION SECTION TOWNSHIP WELL NO. **RANGE** PLUGGED & ABANDONED SPUD DATE: 12/16/87 TYPE OF WELL: TABULAR DATA SCHEMATIC 1. SUFACE CASING 10 SXS CMT @ SURFACE CEMENTED WITH: 760 SIZE: 13-3/8 INCHES FEET DETERMINED BY: Circulated Surface TOC: 25 SXS CMT HOLE SIZE: 17-1/2 890' 13-3/8" 2. INTERMIDIATE CASING CEMENTED WITH: 1555 SIZE: 8-7/8 INCHES FEET DETERMINED BY: Circulated Surface TOC: 11 HOLE SIZE: INCHES 25 SXS CMT @ 3800'-4000' 3. LONG STRING 8-5/8" 3908' 5-1/2 INCHES CEMENTED WITH: 545 SIZE: FEET DETERMINED BY: Temp. Survey TOC: 4300 7-7/8 HOLE SIZE: INCHES 4. TOTAL DEPTH: 6588 FEET 5. PERFORATIONS 5681 FEET TO: FEET (PERFORATED OR OPEN HOLE; INDICATE WHICH) PERFORATED" 6. HAS THE WELL EVER BEEN PERFORATED IN ANY OTHER ZONE(S)? LIST ALL SUCH PERFORATED INTERVALS AND GIVE PLUGGED DETAIL, I.E. SACKS OF CEMENT OR PLUG(S) USED. FORM C-108 SECTION VI APPLICATION FOR AUTHORIZATION TO INJECT 35' CMT CIBP @ 5560' CIBP

PERFS

6588'

5-1/2"

@ 5664'-5681'

Parker & Parsley Development L.P.

WATER INJECTION WELL

PERATOR				PLAINS UI				
3	1980' F	SL & 660' FWL		SEC-28	T-19-S	R-32-E		
WELL NO.		SE LOCATION		SECTION	TOWNSHIP			
TYPE OF WELL:	PLUGO	SED & ABANDON	ED	_	SPUD DATE:	7/6/63	3	
SCHEMATIC	•				TABULAR DATA			
	10 SXS CMT	1. SUFAC	E CASING					
	@ SURFACE	SIZE:	13-3/8	INCHES	CEMENTED WITH:	750)	sx
		TOC:	Surface	_	FEET DETERMINED BY:	Circulate	d	
		HOLE SIZE:		17-1/2	INCHES			
		2. INTERN	MIDIATE CA	ASING				
		SIZE:	N/A	INCHES	CEMENTED WITH:	N/A		\$X
13-3/8"	0.40	TOC:	N/A		FEET DETERMINED BY:	N/A		
	110 SXS CMT 0 743'-943'	HOLE SIZE:		11	INCHES			
a December 1		3. LONG S	STRING					
		SIZE:	N/A	INCHES	CEMENTED WITH:	N/A		sx
	300 SXS CMT	TOC:	N/A	·	FEET DETERMINED BY:	N/A	 	
	@ 3093'-3350'	HOLE SIZE:	-	N/A	INCHES			
	SIDE TRACKED ON RE-ENTRY	4. TOTAL	DEPTH:	4111	FEET			
	@ 3300'	5. PERFO	RATIONS	N/A	FEET TO:	N/A	CCCT	
					ED OR OPEN HOLE; INDI		_FEET	
					PERFORATED"			
CMT					PERFORATED IN AN ED INTERVALS AND (
PLUG @3300'					ENT OR PLUG(S) USI		NONE	
_	op Afgregerigelier							
		_						
						FORM C-10		
	SUBS	DLY 26, 1963 WHILE DRILLING EQUENT FISHING OPERATIO DLLLARS IN THE HOLE. TOP (MENT PLUS WAS SET FROM	ONS THREE COL OF FISH TO 3535	LARS WERE RECO	OVERED LEAVING FOR SEVEN DAYS, APPLICA	ATION FOR AUT	HORIZATION	
	COMM AFTEI AFTEI ONCE	MENCED IN AN UNDETERMIN R UNABLE TO GET WHIPSTO R DRILLING THE SIDE TRACH EAGAIN. TOP OF FISH AT 36	IED DIRECTION T ICK TO BOTTOM K HOLE TO DEPT 67' AFTER FISHI	TO BY-PASS THE J . ON 8-12-63 WHIL TH OF 4005', THE D NG FOR TWO DAY:	IUNK IN HOLE. E MAKING A TRIP IRILL PIPE STUCK S ABANDON THE	TO INJECT Parker & Pars Development L	ley	
	ABAN	AND MOVED LOCATION. LE DONED BY SPOTTING 300 S IO SXS CMT @ SURFACE.			SXS @ 743'-943' :	ATER INJECTION		

TABULATION OF WELL DATA

4111'

RAY \	WESTALL	OPERATING COR	Р.		LUSK "16	" STATE				
OPERAT	ror				LEASE					
	1	660' FSL	& 660' FWL		SEC-16		T-19-S	R-32-	E	
-	WELL NO.				SECTION		TOWNSHIP	RANG		
	TYPE OF WELL	-:PRODUC	ING OIL AN	ID GAS WE	LL	_	SPUD DATE:	3	/9/62	
	SCHEMA'	тіс				TABULA	R DATA			
			1. SUFAC	E CASING						
			SIZE:	13-3/8	INCHE	S CEMENTE	D WITH:	12	25	sx
			TOC:	Surface		FEET DETE	ERMINED BY:	Circu	ulated	
13-3/8"		208'	HOLE SIZE:	•	17-1/2		INCHES			
			2. INTERI	MIDIATE CA	ASING					
			SIZE:	9-5/8	INCHE	S CEMENTE	D WITH:	50	00	sx
			TOC:	Surface		_ FEET DET	ERMINED BY:	Circu	ulated	
			HOLE SIZE:		11		INCHES			
9-5/8"		450'	3. LONG	STRING						
			SIZE:	5-1/2	INCHE	S CEMENTE	D WITH:	34	75	sx
			TOC:	Surface		_FEET DETE	ERMINED BY:	Circu	ulated	
			HOLE SIZE:		7-7/8		INCHES			
			4. TOTAL	DEPTH:	6600	<u> </u>	_FEET			
			5. PERFC	RATIONS						
					6503		FEET TO: N HOLE; INDIC	6509	FEET	
					(PERFURA		PERFORATE			
							-			
	\square							FORM C-108		
								SECTION VI		
		TBG @ 6230'					ADDI ICATIO	N FOR AUTHOR	PIZATION	
		PERFS 6503'-6509'					ALLOAN	TO INJECT		
							Pai	rker & Parsley	,	
5-	-1/2"	6600'						elopment L.P		

TABULATION OF WELL DATA

WATER INJECTION WELL

Parker & Parsley Development I P

LUSK DEEP UINIT "A"

Development L.P.		LOSK DLL	.F OINT A			
OPERATOR	· -	LEASE				
19	330' FNL & 1656' FEL	SEC-20	T-19-S	R-32-	E	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGI	Ξ	
TYPE OF WELL:	PRODUCING OIL AND GAS	S WELL	SPUD DATE:	1/2	6/90	
SCHEMATIC	1. SUFACE CAS	BING	TABULAR DATA			
	SIZE: <u>13</u> -	3/8 INCHES	CEMENTED WITH:	100	00	sx
		ace	FEET DETERMINED BY:	Circu	lated	
13-3/8" 🚨 870'	HOLE SIZE:	17-1/2	INCHES			
	2. INTERMIDIAT	E CASING				
	SIZE: 8-5	5/8 INCHES	CEMENTED WITH:	32:	30	sx
	тос: Surf	ace	FEET DETERMINED BY:	Circu	ılated	
	HOLE SIZE:	12-1/4	INCHES			
8-5/8" 4500'	3. LONG STRIN	G				
8-5/8" 4500'	SIZE: 5-	1/2 INCHES	CEMENTED WITH:	90	0	sx
	TOC:	1630	FEET DETERMINED BY:	Temp.	Survey	
	HOLE SIZE:	7-7/8	INCHES			
	4. TOTAL DEPT	H: 7220	FEET			
	5. PERFORATION	ONS 6468	FEET TO:	6481	FFCT	
			ED OR OPEN HOLE; INDIC		FEET	
		(FERFORATI	"PERFORATE	•		
			1	FORM C-108		
TBG @ 64	87'			SECTION VI		
TBG @ 64 PERFS 6468'-6481			APPLICATIO	N FOR AUTHOR TO INJECT	RIZATION	
				ker & Parsley		
5-1/2" 🙎 📜 7220'			Dev	elopment L.P	•	

WATER INJECTION WELL

SHA	CKELFORI	OIL			MOBIL FE	DERAL		
OPERA	TOR				LEASE			
	3		2310' FSL & 330' FWI	ı	SEC-21	T-19-S	R-32-E	
	WELL NO		FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
	TVDE OF WE	1.	PRODUCING OIL AN	D GAS WE	ı ı	SDUD DATE:	10/25/89	
	TYPE OF WEI	-L:	PRODUCING OIL AN	D GAS WEI	LL	- SPOD DATE.	10/23/09	
	SCHEMA	ATIC	1. SUFAC	E CASING		TABULAR DATA		
			SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	sx
40.040		4551	TOC:	Surface		FEET DETERMINED BY:	Circulated	
13-3/8"		455'	HOLE SIZE:		17-1/2	INCHES		
			2. INTERN	MIDIATE CA	SING			
			SIZE:	8-5/8	INCHES	CEMENTED WITH:	1090	sx
			TOC:	150		FEET DETERMINED BY:	Temp. Survey	<u> </u>
			HOLE SIZE:		11	INCHES		
8-5/8"		4256'	3. LONG S	STRING				
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	1000	SX
			TOC:	3240		FEET DETERMINED BY:	Calculated	
		:	HOLE SIZE:		7-7/8	INCHES		
			4. TOTAL	DEPTH:	7240) FEET		
			5. PERFO	RATIONS				
					6478	FEET TO: TED OR OPEN HOLE; INDIC		ET
					(FERFORA)	"PERFORATE		
							FORM C-108	
							SECTION VI	
	-	TBG @ 71	11'			APPI ICATIO	ON FOR AUTHORIZATIO)N
	12 "	TBG @ 71 PERFS 6478'-648	35'			ALL EIGATE	TO INJECT	:••
						Pa	rker & Parsley	
5-1	/2"	7240'					velopment L.P.	

TABULATION OF WELL DATA

WATER INJECTION WELL

Parker & Parsley

Development L.P.

PLAINS UNIT

	opment L.P.			PLAINS U				
OPERAT	OR			LEASE				
	2	1980' FNL & 660' FWI	L	SEC-28	Т	-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION		OWNSHIP		
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WEI	_L	. SF	PUD DATE:	3/19/63	
	SCHEMATIC	1. SUFAC	E CASING		TABULAR	<u>DATA</u>		
		SIZE:	13-3/8	INCHES	CEMENTED WI	TH:	750	sx
		TOC:	Surface		FEET DETERM	INED BY:	Circulated	
13-3/8"	773'	HOLE SIZE:	<u>. </u>	17-1/2	IN	ICHES		
		2. INTERN	MIDIATE CA	SING				
		SIZE:	9-5/8	INCHES	CEMENTED WI	TH:	4250	sx
		TOC:	Surface		FEET DETERM	INED BY:	Circulated	
	4597'	HOLE SIZE:		12-1/4	IN	ICHES		
9-5/8"	4597'	3. LONG S	STRING					
	4597'	SIZE:	7	INCHES	CEMENTED WI	TH:	750	sx
		TOC:	4490		FEET DETERM	INED BY:	Temp. Surve	у
		HOLE SIZE:		7-7/8	IN	ICHES		
		4. TOTAL	DEPTH:	12996	FI	EET		
		5. PERFO	RATIONS	11432	F	EET TO:	12530 F	EET
					ED OR OPEN HO			LLI
	PERFS 11432'-12				"PEF	RFORATE	ED"	
							FORM C-108 SECTION VI	
	PERFS 11432'-12	530'			АР	PLICATIO	ON FOR AUTHORIZATION TO INJECT	ON
	7" 12765'						rker & Parsley velopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

PLAINS UNIT FEDERAL

OPERATOR		LEASE			
3-Y	1980' FSL & 760' FWL	SEC-28	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND GAS	WELL	SPUD DATE:	12/4/81	
SCHEMATIC	1. SUFACE CASI	NG	TABULAR DATA		
	SIZE: 13-3	3/8 INCHES	CEMENTED WITH:	750	sx
	тос: Surfa	ice	FEET DETERMINED BY:	Circulated	
13-3/8" 🗸 840'	HOLE SIZE:	17-1/2	INCHES		
	2. INTERMIDIATE	E CASING			
	SIZE: 8-5	/8 INCHES	CEMENTED WITH:	700	sx
8-5/8" 3647'	тос: Surfa	ce	FEET DETERMINED BY:	Circulated	
	HOLE SIZE:	12-1/4	INCHES		
8-5/8" 3647'	3. INTERMIDIATE	CASING			
	SIZE:7	INCHES	CEMENTED WITH:	250	sx
9871'	TOC:8	3796	FEET DETERMINED BY:	Temp. Survey	
	HOLE SIZE:	8-1/2	INCHES		
	4. LONG STRING	i			
9871'	SIZE: 5-1	/2 INCHES	CEMENTED WITH:	250	sx
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	тос: 10	0714	FEET DETERMINED BY: _	Calculated	
	HOLE SIZE:	7-7/8	INCHES		
	5. TOTAL DEPTH	I: <u>11485</u>	FEET		
	6. PERFORATION	NS 11390	FEET TO:	11480 FEET	
			ED OR OPEN HOLE; INDICATION OF THE PROPERTY OF	ATE WHICH)	
PERFS 11390'-11486	g [,]			FORM C-108 SECTION VI DN FOR AUTHORIZATION TO INJECT	
5-1/2" 11485'				rker & Parsley velopment L.P.	

SHA	CKELFORD OIL			PLAINS FE	EDERAL				
OPERA	TOR			LEASE			<u> </u>		
	4 - X	710' FSL & 660' FWL		SEC-21	T-1	9-S	R-32-E		
	WELL NO.	FOOTAGE LOCATION		SECTION	TOV	VNSHIP	RANGE		_
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEI	_L	. SPU	D DATE:	1/4	/64	
					TABULAR D	ATA			
	SCHEMATIC	1. SUFACE (CASING						
		SIZE:	13-3/8	INCHES	CEMENTED WITH	l:	750	; 	sx
		тос: <u>S</u>	urface		FEET DETERMIN	ED BY:	Circul	ated	
13-3/8"	827'	HOLE SIZE:		17-1/2	INC	HES			
	2662'	2. INTERMID	IATE CA	SING					
		SIZE:	10-3/4	INCHES	CEMENTED WITH	l:	700		sx
	2662'	тос: <u>S</u>	urface		FEET DETERMIN	ED BY:	Circul	ated	
		HOLE SIZE:		12-1/4	INC	HES			
10-3/4	' 💆 2662'	3. INTERMID	IATE CA	SING					
		SIZE:	8-5/8	INCHES	CEMENTED WITH	l:	250		sx
		TOC:	3500		FEET DETERMIN	ED BY:	Temp. S	urvey	
		HOLE SIZE:		9-7/8	INC	HES			
	er 4540'	4. LONG STR	RING						
8-5/	8" 4540'	SIZE:	5-1/2	INCHES	CEMENTED WITH	l:	200		sx
	: :	TOC:	10714		FEET DETERMIN	ED BY:	Calcula	ated	
		HOLE SIZE:		7-7/8	INC	HES			
		5. TOTAL DE	PTH:	11514	FEE	т			
		6. PERFORA	TIONS						
	Н П			11435 (PERFORATI	ED OR OPEN HOL			FEET	
					"PERF	ORATED'	ORM C-108		
							ECTION VI		
	PERFS				APP		I FOR AUTHOR TO INJECT	IZATION	
	PERFS 11435'-1147'	3,							
							er & Parsley lopment L.P.		
5-1/	'2" 🙎 🖺 11514'					_0,0		•	

SHAC	SHACKELFORD OIL					PLAINS UNIT						
OPERAT	TOR				LEASE							
		6	1980' FSL & 660' FW			T-19-S	R-32-E					
	WEI	L NO.	FOOTAGE LOCATION		SECTION	TOWNSHI	P RANGE					
	TYPE O	F WELL:	PRODUCING OIL AN	D GAS WE	<u>LL</u>	SPUD DAT	TE: 7/10/96					
						TABULAR DATA						
	SCH	EMATIC	1. SUFAC	E CASING								
			SIZE:	13-3/8	INCHES	CEMENTED WITH:	750	sx				
			TOC:	Surface		FEET DETERMINED BY	Circulated					
13-3/8"		825'	HOLE SIZE:	-	17-1/2	INCHES						
			2. INTERN	NIDIATE CA	SING							
			SIZE:	10-3/4	INCHES	CEMENTED WITH:	700	sx				
			TOC:	Surface		FEET DETERMINED BY	Circulated					
			HOLE SIZE:		12-1/4	INCHES						
10-3/4"		2651'	3. INTERN	NIDIATE CA	SING							
	:		SIZE:	8-5/8	INCHES	CEMENTED WITH:	275	sx				
			TOC:	3335		FEET DETERMINED BY	Calculated					
			HOLE SIZE:		11	INCHES						
	/B"	4490'	4. LONG S	STRING								
8-5	/8"	4490'	SIZE:	5-1/2	INCHES	CEMENTED WITH:	200	sx				
	***		TOC:	10714		FEET DETERMINED BY	Calculated					
			HOLE SIZE:		7-7/8	INCHES						
			5. TOTAL	DEPTH:	11690	FEET						
			6. PERFO	RATIONS								
	1				11516 (PERFORAT	ED OR OPEN HOLE; IN		ĒΤ				
	,					"PERFORA	FORM C-108					
							SECTION VI					
		PERFS				APPLICA	TION FOR AUTHORIZATIO. TO INJECT	N				
		PERFS 11516'-11530)'			1	Parker & Parsley					
5-1	/2"	11690'					Development L.P.					

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR			LEASE	11 07 12.11 07 17 17 17 12 12		
	1	1980' FNL & 660' FEL		SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHI		
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEL	.L	SPUD DAT	E: 3/23/6	2
	SCHEMATIC	1. SUFACE	CASING		TABULAR DATA		
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	950	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulat	ed
13-3/8"	826'	HOLE SIZE:		17-1/2	INCHES		
		2. INTERMI	DIATE CA	SING			
		SIZE:	9	INCHES	CEMENTED WITH:	2725	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulat	ed
		HOLE SIZE: _		12-1/4	INCHES		
9	3947'	3. LONG S1	RING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	2140	SX
		TOC:	2450		FEET DETERMINED BY:	est. top of cn	nt sqz.
	3947	HOLE SIZE: _		7-7/8	INCHES		
		4. TOTAL D	EPTH:	12834	FEET		
		5. PERFOR	ATIONS	6448	FEET TO:	6458	_FEET
				(PERFORATE	ED OR OPEN HOLE; INI "PERFORA"		
	PERFS 6448'-645 PBTD CM' RET @ 78	8'			PERFORA	ieu	
	PBTD CM RET @ 78 W/150 SX	12'					
	RET @ 11 W/160 SX: PERFS 11410'-11	292'				FORM C-108 SECTION VI	
	PERFS 11410'-11				APPLICAT	TION FOR AUTHORIZA TO INJECT	ATION
5-	PERFS 11410'-11 12834'					arker & Parsley evelopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERATOR				LEASE			
	5	1980' FSL & 1980' FE	L	SEC-29	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUCING OIL AND	O GAS WE	Ц	SPUD DATE:	12/5/87	
	SCHEMATIC	1. SUFACE	E CASING		TABULAR DATA		
		0175	12 2/0	INCUES	OFMENTED METH	735	0.4
					CEMENTED WITH:		<u>SX</u>
13-3/8"	880'	TOC:	Surface		FEET DETERMINED BY:	Circulated	
10 0/0		HOLE SIZE:		17-1/2	INCHES		
		2. INTERM	IDIATE CA	SING			
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2350	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:		12-1/4_	INCHES		
8-5/8	₩i - ₩	3. LONG S	TRING				
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	800_	sx
		TOC:	4210		FEET DETERMINED BY:	Cmt Bond Log	<u> </u>
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	7200	FEET		
		5. PERFO	RATIONS	6426	FEET TO:	6444 FE	ET
					ED OR OPEN HOLE; INDIC		1
					"PERFORATE	D"	
						FORM C-108 SECTION VI	
	TBG@ 638	33			APPLICATION	ON FOR AUTHORIZATIO)N
	PERFS 6426'-644	14'				TO INJECT	· - -
	TBG@ 638 PERFS 6426'-644				Pa	rker & Parsley	
5-	1/2" 7199'				Dev	velopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERA	TOR			LEASE				
	7	2210' FNL & 2260' FWL		SEC-29	T-19-S	R-32-E		
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	-	
	TYPE OF WELL:	PRODUCING OIL AND	GAS WEI	LL	SPUD DATE	3/24	/88	
	SCHEMATIC	1. SUFACE	CASING		TABULAR DATA			
		SIZE:	13-3/8	INCHES	S CEMENTED WITH:	735		sx
		_	-	THO I LE	<u>- Sementes man</u>			<u> </u>
13-3/8"	903'	TOC:	Surface		FEET DETERMINED BY:	Circula	ated	
10 0/0		HOLE SIZE: _		17-1/2	INCHES			
		2. INTERMI	DIATE CA	SING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2450)	sx
		TOC:	Surface	<u> </u>	FEET DETERMINED BY:	Circula	ated	
		HOLE SIZE:		12-1/4	INCHES			
8-5/8'		3. LONG ST	RING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	600		sx
		TOC:	4000		_FEET DETERMINED BY:	Cmt Bon	d Log	
		HOLE SIZE: _		7-7/8	INCHES			
		4. TOTAL D	EPTH:	7204	FEET			
		5. PERFORA	ATIONS	6429		6440		
					FEET TO: TED OR OPEN HOLE; IND	6442 ICATE WHICH)	FEET	
					"PERFORAT	ED"		
	пп							
	TBG@ 650 PERFS 6429'-644	201				FORM C-108 SECTION VI		
	TBG@ 650	JU			ΔΡΡΙ ΙζΔΤ	ION FOR AUTHORIZ	ZATION	
	TBG@ 650 PERFS 6429'-644	12'			ALLEGAL	TO INJECT		
						arker & Parsley		
5-	1/2" 7204'				De	evelopment L.P.		

WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

OPERATOR			LEASE			
9	660' FWL & 1980' FS	L	SEC-29	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNS	HIP RANGE	
TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	SPUD DA	TE: 7/21/96	
SCHEMATIC	. 1. SUFAC	E CASING		TABULAR DATA	ı.	
	SIZE:		INCHES	CEMENTED WITH:	675	sx
	TOC:			-	Y: Circulated	
13-3/8"	850' HOLE SIZE:		17-1/2	INCHES	-	
	2. INTERN	MIDIATE CA	ASING			
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1325	sx
	TOC:	Surface		FEET DETERMINED B	Y: Circulated	
			11	INCHES		
	3. LONG \$	STRING				
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	1265	sx
	TOC:	Surface		FEET DETERMINED B	Y: Circulated	
	HOLE SIZE:	-	7-7/8	INCHES		
	4. TOTAL	DEPTH:	7210	FEET		
	5. PERFO	RATIONS	6391	FEET TO	: <u>6400</u> FEE	Т
			(PERFORAT	ED OR OPEN HOLE ; I		
□ □ TBC				"PERFOR	ATED	
					FORM C-108	
тво	G@ 6500'				SECTION VI	
TBC	FS '-6400'			APPLICA	ATION FOR AUTHORIZATION TO INJECT	l
					Parker & Parsley	
5-1/2" 7210	,				Development L.P.	

WATER INJECTION WELL

TEX/	ACO INC.			FEDERAL	USA "J"		
OPERA	TOR			LEASE			
	1	990' FSL & 660' FEL		SEC-30	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHII	P RANGE	-
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WEL	<u>L</u>	SPUD DAT	E: 8/17/87	
	SCHEMATIC	4 011540			TABULAR DATA		
		1. SUFAC	E CASING				
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	300	SX
40.0(0)		TOC:	Surface		FEET DETERMINED BY:	Circulated	<u>d</u>
13-3/8"	809'	HOLE SIZE:		17-1/2	INCHES		
		2. INTERN	IIDIATE CA	SING			
		SIZE:	8-5/8	INCHES	S CEMENTED WITH:	1810	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulated	<u></u>
	A	HOLE SIZE:		12-1/4	INCHES		
8-5/8	3703	3. LONG S	TRING				
		SIZE:	4-1/2	INCHES	CEMENTED WITH:	600	SX
	3703'	TOC:	2780		_FEET DETERMINED BY:	Calculated	<u> </u>
		HOLE SIZE:		7-7/8	INCHES		
		4. TOTAL	DEPTH:	11300) FEET		
		5. PERFO	RATIONS				
				6381	FEET TO:		FEET
				(FERT OTCA)	"PERFORA"		
						FORM C-108	
	* 1					SECTION VI	
	PERFS 6381'- 63	186'			APPLICAT	TION FOR AUTHORIZAT TO INJECT	ION
	200	99'				arker & Parsley evelopment L.P.	
	-1/2" 11296' OLD PERFS 11204'-11252'					ovolopinont En .	

TABULATION OF WELL DATA

WATER INJECTION WELL

TEX	ACO INC.				FEDERAL USA "I"					
OPERA	TOR				LEASE					
	1	660'	FNL & 660' FEL		SEC-31	T-19-S	R-32-E			
	WELL NO.	FOOT	AGE LOCATION		SECTION	TOWNSHIP	RANGE			
	TYPE OF WELL:	PRO	DUCING OIL AN	D GAS WE	<u>LL</u>	SPUD DATE	:4/26/	64		
	SCHEMATIC					TABULAR DATA				
			1. SUFAC	E CASING						
			SIZE:	13-3/8	INCHES	CEMENTED WITH:	350	SX		
42 2/9"		900'	TOC:	Surface		FEET DETERMINED BY:	Circula	ated		
13-3/8"		896′	HOLE SIZE:		17-1/2	INCHES				
			2. INTERN	MIDIATE CA	ASING					
			SIZE:	8-5/8	INCHES	CEMENTED WITH:	400	sx		
			TOC:	Surface		FEET DETERMINED BY:	Circula	ated		
			HOLE SIZE:		12-1/4	INCHES				
8-5/8		3706'	3. LONG S							
			SIZE:	5-1/2	INCHES	CEMENTED WITH:	1600	sx		
			TOC:	2780)	FEET DETERMINED BY:	Calcula	ted		
			HOLE SIZE:		7-7/8	INCHES				
			4. TOTAL	DEPTH:	6981	FEET				
			5. PERFO	RATIONS						
					6682	FEET TO: ED OR OPEN HOLE; IND	6727	FEET		
					(FERTORA)	"PERFORAT				
							FORM C-108			
		TBG @ 6472'					SECTION VI			
	222	PERFS 6682'-6727'				APPLICATI	ON FOR AUTHORIZ	'ATION		
						P:	arker & Parsley			
5-	-1/2"	6951'					velopment L.P.			

WATER INJECTION WELL

TEX/	ACO INC.			FEDERAL	USA "J"		
OPERA	TOR			LEASE	-		<u> </u>
	2	660' FSL & 385' FEL		SEC-30	T_10_S	R-32-E	
-	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIE		
	TYPE OF WELL.	PRODUCING OIL A	ND GAS ME	1.1	SPUD DATI	E: 7/3/93	ı
	TYPE OF WELL:	PRODUCING OIL AI	VID GAS WE	<u>LL</u>	- SPOD DATI	E	
	SCHEMATIC	1. SUFAC	CE CASING		TABULAR DATA		
		SIZE:	11-3/4	INCHES	CEMENTED WITH:	560	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulate	ed
11-3/4"		850' HOLE SIZE	: <u></u>	17-1/2	INCHES		
		2. INTER	MIDIATE CA	ASING			
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	2655	sx
		TOC:	Surface		FEET DETERMINED BY:	Circulate	<u>:d</u>
				12-1/4	INCHES		
8-5/8	. 4	100' 3. LONG	STRING				
	TBG	SIZE:	5-1/2	INCHES	CEMENTED WITH:	900	sx
		TOC:	3420)	FEET DETERMINED BY:	Calculate	<u>d</u>
		HOLE SIZE	:	7-7/8	INCHES		
		4. TOTAL	_ DEPTH:	7229	FEET		
		5. PERFO	DRATIONS				
				6638	FEET TO:	7102	FEET
				(PERFURAT	"PERFORA"		
					0.5.		
						FORM C-108	
						SECTION VI	
	твс	i@ 7003'					
	TBG	RFS 8'-7102'			APPLICAT	TION FOR AUTHORIZAT TO INJECT	IION
						arker & Parsley	
5-	-1/2" 722	9'			D	evelopment L.P.	

TABULATION OF WELL DATA

WATER INJECTION WELL

TEX	ACO INC.			FEDERAL	USA "J"					
OPERA	TOR			-	LEASE					
	3		1980' FSL & 330' FEL		SEC-30		T-19-S	R-32-	E	
	WELL NO.		FOOTAGE LOCATION	-	SECTION		TOWNSHIP	RANG	Ē	
	TYPE OF WELL:		PRODUCING OIL AN	D GAS WE	LL		SPUD DATE:	6/2	26/94	
	_				<u> </u>	-				
	SCHEMATIC					TABULA	R DATA			
			1. SUFACI	E CASING						
			SIZE:	11-3/4	INCHES	CEMENTED	WITH:	65	50	sx
			TOC:	Surface		FEET DETE	RMINED BY:	Circı	ulated	
11-3/4"		850'	HOLE SIZE:		17-1/2		_INCHES			
			2. INTERN	IIDIATE CA	ASING					
			SIZE:	8-5/8	INCHES	CEMENTED	WITH:	20	75	sx
			TOC:	Surface		FEET DETE	RMINED BY:	Circu	ulated	
			HOLE SIZE:		12-1/4		INCHES			
8-5/8		4120'	3. LONG S	TRING						
			SIZE:	5-1/2	INCHES	CEMENTED	WITH:	45	50	sx
			TOC:	5310)	FEET DETE	RMINED BY:	Temp.	Survey	
			HOLE SIZE:		7-7/8		NCHES			
			4. TOTAL	DEPTH:	7200)	FEET			
			5. PERFO	RATIONS						
					6639		FEET TO: N HOLE; INDI	7088	FEET	
					(PERFORAT		PERFORATE			
								FORM C-108		
								SECTION VI		
		PERFS	01				APPLICATION	ON FOR AUTHOR	RIZATION	
		6639'-708	8.							
								rker & Parsley		
5	-1/2"	7200'					De	velopment L.F	'•	

WATER INJECTION WELL TABULATION OF WELL DATA

TEXA	ACO INC.			NEW MEXICO "CR" STATE					
OPERA	TOR			LEASE					
	1	660' FNL & 660' FWL		SEC-32	T-19-S	R-32-E			
	WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE			
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	SPUD DATE	: 7/3/90			
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA				
		SIZE:	11-3/4	INCHES	CEMENTED WITH:	600	sx		
			Surface		FEET DETERMINED BY:	Circulated			
11-3/4"	925			17-1/2	INCHES				
		2. INTERN	MIDIATE CA	SING					
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	600	sx		
		TOC:	Surface		FEET DETERMINED BY:	Circulated			
		HOLE SIZE:		12-1/4	INCHES				
8-5/8	3900'	3. LONG	STRING						
		SIZE:	4-1/2	INCHES	CEMENTED WITH:	300	sx		
		TOC:	6400		FEET DETERMINED BY:	Calculated Cmt Sqz Perfs & Leaks			
		HOLE SIZE:		7-7/8	INCHES	5.11. 542 · 6.15 d 254.15			
		4. TOTAL	DEPTH:	11500	FEET				
		5. PERFO	RATIONS	11256	FEET TO:	1130 4 FEET			
					ED OR OPEN HOLE; IND				
	☐ ☐ TBG@ PERFS 11256-1				"PERFORAT	ED"			
	П П	9400'				FORM C-108 SECTION VI			
	PERFS 11256'-1				APPLICAT	ION FOR AUTHORIZATION TO INJECT			
4-	1/2" 11495'					arker & Parsley evelopment L.P.			

TABULATION OF WELL DATA

WATER INJECTION WELL

Parker & Parsley Development L.P.

TEXACO-CITIES SERVICE COM.

OPERATOR						CITIES SEI	TVICE CON	1. 	
OPERAT	OR				LEASE				
	1	1980' FN	IL & 1980 FV	VL	SEC-32		T-19-S	R-32-E	
	WELL NO.	FOOTAGE	LOCATION		SECTION	-	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUC	CING OIL AN	ID GAS WE	<u>L</u> L	-	SPUD DATE:	5/8/64	
	SCHEMATIC		4 SUEAC	E CASING		TABULAR	R DATA		
			I. SUFAC	E CASING					
			SIZE:	11-3/4	INCHES	CEMENTED	WITH:	700	SX
			TOC:	Surface		FEET DETEI	RMINED BY:	Circulated	
11-3/4"		906'	HOLE SIZE:		17-1/2		_INCHES		
			2. INTERM	MIDIATE CA	ASING				
			SIZE:	8-5/8	INCHES	CEMENTED	WITH:	750	sx
			TOC:	Surface		FEET DETER	RMINED BY:	Circulated	
			HOLE SIZE:		12-1/4		NCHES		
8-5/8		3880'	3. LONG	STRING					
			SIZE:	4-1/2	INCHES	CEMENTED	WITH:	2500	sx
			TOC:	Surface		_FEET DETER	RMINED BY:	Circulated	
			HOLE SIZE:		7-7/8		INCHES		
			4. TOTAL	DEPTH:	13000)	_FEET		
			5. PERFO	RATIONS	11302	•	FEET TO	12589 FEET	
							_FEET TO: I H OLE ; INDI	12589 FEET CATE WHICH)	
						" P	PERFORATI	ED"	
								FORM C-108 SECTION VI	
	PE PE	ERFS 302'-12589'				,	APPLICATION	ON FOR AUTHORIZATION TO INJECT	
4-	.1/2"	995'						irker & Parsley velopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

SOUTHERN CALIFORNIA FEDERAL

Development L.P.		·		RN CALIFORNIA FEDER	AL	
OPERATOR			LEASE			
13	660' FSL & 660' F	EL	SEC-29	T-19-S	R-32-E	
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL	AND GAS WE	:LL	SPUD DATE:	1997	
SCHEMATIC				TABULAR DATA		
	1. SUF	FACE CASING				
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	675	sx
13-3/8"	TOC:	Surface		FEET DETERMINED BY:	Circula	ted
13-3/6	HOLE S	IZE:	17-1/2	INCHES		
	2. INT	ERMIDIATE C	ASING			
	SIZE:	8-5/8	INCHES	CEMENTED WITH:	1325	sx
	TOC:	Surface		FEET DETERMINED BY:	Circula	ted
	HOLE S	IZE:	12-1/4	INCHES		
8-5/8"	4050' 3. LON	G STRING				
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	1530	sx
	TOC:	Surface	<u> </u>	FEET DETERMINED BY:	Circulat	ted
	HOLE S	IZE:	7-7/8	INCHES		
	4. TO	TAL DEPTH:	7200	FEET		
	5. PEF	RFORATIONS	0.400		0.440	
			6420	FEET TO: ED OR OPEN HOLE; INDICA	6440	FEET
			(,	"PERFORATE		
					ORM C-108	
тв	G@ 6500'			\$	SECTION VI	
	ERFS			APPLICATIO	N FOR AUTHORIZ	ATION
1229	20'-6440'				TO INJECT	
					ker & Parsley	
	00'			Dev	elopment L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

LUSK DEEP "A"

Devel	opinent L.P.				LUSK DEE	P A			
OPERAT	OR				LEASE				
	21	990' FSL	& 660' FEL		SEC-20	T-19-S	R	R-32-E	
	WELL NO.	FOOTAGE			SECTION	TOWNS		ANGE	
	TYPE OF WELL:	PRODUC	ING OIL AN	D GAS WE	LL	SPUD DA	ATE:1	997	
	SCHEMATIC		1. SUFAC	E CASING		TABULAR DATA	A		
			SIZE:	13-3/8	INCHES	CEMENTED WITH:		675	sx
	3.4		TOC:	Surface		FEET DETERMINED E	Y:C	Sirculated	
13-3/8"		850'	HOLE SIZE:		17-1/2	INCHES			
			2. INTERN	MIDIATE CA	ASING				
			SIZE:	8-5/8	INCHES	CEMENTED WITH:		1325	sx
			TOC:	Surface		FEET DETERMINED E	Y:C	Circulated	
			HOLE SIZE:		12-1/4	INCHES			
8-5/8	3"	4050'	3. LONG	STRING					
			SIZE:	5-1/2	INCHES	CEMENTED WITH:		1530	sx
			TOC:	Surface		FEET DETERMINED 6	Y:	irculated	
			HOLE SIZE:		7-7/8	INCHES			
			4. TOTAL	DEPTH:	7200	FEET			
			5. PERFO	RATIONS	6460	FEET TO	o: <u>6480</u>	FEET	
					(PERFORATI	ED OR OPEN HOLE ;			
	57 F2								
		TDC @ 6722					FORM C-10 SECTION V		
	N	TBG@ 6723'				APPLIC.	ATION FOR AUT	HORIZATION	
		PERFS 6460'-6480'				AFF EIO	TO INJECT		
5	5-1/2"	7200'					Parker & Pars Development		

WATER INJECTION WELL

Parker & Parsley Development L.P.

LUCK DEED "A"

Develo	pment L.P.				LOSK DE	EP A			
OPERATO	R				LEASE				
	22	1650' FN	NL & 1640' FV	٧L	SEC-20	T-19-5	S F	R-32-E	
	WELL NO.		LOCATION			TOWNS		RANGE	
т	YPE OF WELL: _	PRODU	CING OIL AN	ID GAS WE	LL	SPUD D	ATE:1	1997	
	SCHEMATIC	:	4 00540	T OASING		TABULAR DATA	<u>A</u>		
			1. SUFAC	E CASING					
			SIZE:	13-3/8	INCHES	CEMENTED WITH:		675	sx
13-3/8"		9501	TOC:	Surface		FEET DETERMINED	BY:	Circulated	
13-3/0		850'	HOLE SIZE:		17-1/2	INCHES	3		
			2. INTERI	MIDIATE C	ASING				
			SIZE:	8-5/8	INCHES	CEMENTED WITH:		1325	sx
			TOC:	Surface		FEET DETERMINED	BY:	Circulated	
			HOLE SIZE:		12-1/4	INCHES	3		
8-5/8"		4050'	3. LONG	STRING					
			SIZE:	5-1/2	INCHES	CEMENTED WITH:		1530	sx
			TOC:	Surface		FEET DETERMINED	BY:	Circulated	
			HOLE SIZE:		7-7/8	INCHES			
			4. TOTAL	DEPTH:	7200	FEET			
			5. PERFO	RATIONS	0.404		0.400		
					6460			FEET	
					(PERFORAT	ED OR OPEN HOLE;			
						r Elvi Or	WILD		
	A A	TBG@ 6500'					FORM C-10 SECTION V		
	-	PEDE0				APPLIC	ATION FOR AUT	HORIZATION	
		PERFS 6460'-6480'					TO INJECT		
							Parker & Par	-	
5-1/2	2"	7200'					Development	. L.P.	

WATER INJECTION WELL

Parker & Parsley Development L.P.

LUSK DEEP UNIT "A"

Development i					LOOK DEL						
OPERATOR					LEASE						
4		1980' FSL	. & 1980' FE	L	SEC-20		T-19-S		R-32-E		
WELL N	0.	FOOTAGE L			SECTION		TOWNSHIP		RANGE		
TYPE OF WE	ELL:	PRODUC	ING OIL AN	D GAS WE	LL	-	SPUD DATE:	10/5/62	RE-ENTRY	3/13/8	38
SCHEM	IATIC		1 SUFAC	E CASING		TABULAF	R DATA				
2012											
			SIZE:	13-3/8	INCHES	CEMENTED	WITH:		1180		SX
			TOC:	Surface		FEET DETE	RMINED BY:		Circulated		_
13-3/8"	822'		HOLE SIZE:		17-1/2		INCHES				
			2. INTERN	MIDIATE CA	SING						
			SIZE:	9-5/8	INCHES	CEMENTED	WITH:		2365	:	sx
	4226'		TOC:	Surface		FEET DETE	RMINED BY:		Circulated		
			HOLE SIZE:		12-1/4		_INCHES				
9-5/8"	4226'		3. LONG S	STRING		NOTE: 6/88	CUT AND PUL	LED 7185' O	F 4-1/2 CSG		
			SIZE:	4-1/2	INCHES	CEMENTED	WITH:	,	300		sx_
			TOC:	10000		FEET DETE	RMINED BY:		Circulated		_
	PERFS		HOLE SIZE:		7-7/8		INCHES				
	PERFS 6462'-6472'	,	4. PRODU	ICTION STI	RING						
5-1/2"	7165′		SIZE:	5-1/2	INCHES	CEMENTED	WITH:		500		sx
	CUT OFF 4 @ 7185'	I-1/2 CSG	TOC:	5595		FEET DETE	RMINED BY:		Calculated		
			HOLE SIZE:		7-7/8		_INCHES				
			5. TOTAL	DEPTH:	11531		FEET				
			6. PERFO	RATIONS	6462		FEET TO:	647	2	FEET	
						ED OR OPEN	HOLE; INDICERFORATE	CATE WHIC		FEE1	
						·		FORM (
	25 SXS CMT						APPLICAT	SECTIO	N VI AUTHORIZAT	ION	
	ORG. PERFS 11430'-11470' ((CMENTED)					ALLUAL	TO INJ		1011	
								arker &			
4-1/2"	11531'						De	evelopm	ent L.P.		

WATER INJECTION WELL TABULATION OF WELL DATA

Parker & Parsley Development L.P.

Deve	lopment L.P.			LUSK DEEP "A"				
OPERA				LEASE				
	15	1651' FNL & 330' FEL		SEC-20	T-19-S	R-32-E		
	WELL NO.	FOOTAGE LOCATION	-	SECTION	TOWNSHIP			
	TYPE OF WELL:	PRODUCING OIL AN	D GAS WE	LL	SPUD DATE	:: <u>11/22/88</u>		
	SCHEMATIC	1. SUFAC	E CASING		TABULAR DATA			
		SIZE:	13-3/8	INCHES	CEMENTED WITH:	1000	sx	
		TOC:	Surface		FEET DETERMINED BY:	Circulated	<u></u>	
13-3/8"	828'	HOLE SIZE:		17-1/2	INCHES			
		2. INTERN	MIDIATE CA	ASING				
		SIZE:	8-5/8	INCHES	CEMENTED WITH:	700	sx	
		TOC:	2370		FEET DETERMINED BY:	Temp. Surve	ey	
		HOLE SIZE:		12-1/4	INCHES			
8-5/8		3. LONG S	STRING					
		SIZE:	5-1/2	INCHES	CEMENTED WITH:	600	sx	
		TOC:	4690		FEET DETERMINED BY:	Temp. Surve	ey	
		HOLE SIZE:		7-7/8	INCHES			
		4. TOTAL	DEPTH:	7220	FEET			
		5. PERFO	RATIONS			0.170		
				6468	FEET TO: ED OR OPEN HOLE; IND		FEET	
				(FERI ORA)	"PERFORAI			
	□ □ □ PERFS 6468'-6478					FORM C-108 SECTION VI		
	PERFS 6468'-6478 4 SXS CM CIBP @ 70	3'			APPLICAT	ION FOR AUTHORIZAT TO INJECT	ION	
	CIBP CIBP @ 70					arker & Parsley		
:	5-1/2" 7220'				De	evelopment L.P.		

WATER INJECTION WELL

SHACKELFORD OIL			MOBIL FE	DERAL		
OPERATOR			LEASE			
2	1650' FNL & 1650' FW	/L	SEC-21	T-19-S		
WELL NO.	FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE	
TYPE OF WELL:	PRODUCING OIL AND	GAS WE	<u>LL</u>	SPUD DATE	8/30/88	
SCHEMATIC	1. SUFACE	E CASING		TABULAR DATA		
	SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	SX
	TOC:	Surface		FEET DETERMINED BY:	Circulated	<u> </u>
	HOLE SIZE:		17-1/2	INCHES		
	2. INTERM	IIDIATE CA	SING			
	SIZE:	N/A	INCHES	CEMENTED WITH:	N/A	SX
12 2/8"	TOC:	N/A		FEET DETERMINED BY:	N/A	
	HOLE SIZE:		N/A	INCHES		
13-3/8" 454	3. LONG S	TRING				
	SIZE:	5-1/2	INCHES	CEMENTED WITH:	165	sx
	TOC:	5997		FEET DETERMINED BY:	Calculation	1
	HOLE SIZE:		11 & 7-7/8	INCHES		
	4. TOTAL I	DEPTH:	6690	FEET		
	5. PERFOR	RATIONS	6490	5557.70	6495	FFFT
				FEET TO: ED OR OPEN HOLE; INDI		FEET
				"PERFORAT	ED"	
					FORM C-108	
					SECTION VI	
# PERF 6490-				APPLICATI	ON FOR AUTHORIZAT TO INJECT	ION
6490-	6495			D ₂	arker & Parsley	
5-1/2" 6690'					velopment L.P.	

WATER INJECTION WELL TABULATION OF WELL DATA

SHAC	KELFORD OIL		LYNCH			
OPERATO	OR		LEASE			-
	3	678' FSL & 1992' FWL	SEC-21	T-19-S	R-32-E	
	WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE	
	TYPE OF WELL:	PRODUCING OIL AND GAS V	VELL	SPUD DATE:	11-14-42 RE-ENTRY 10)-6-95
	SCHEMATIC	1. SUFACE CASIN	G	TABULAR DATA		
		SIZE: 8-5/8	INCHES	CEMENTED WITH:	50	sx
		тос: Surface		FEET DETERMINED BY:	Circulated	
		HOLE SIZE:	11	- INCHES		
		2. INTERMIDIATE	CASING	 		
	925'	SIZE: N/A	INCHES	CEMENTED WITH:	N/A	sx
		TOC:N/A		FEET DETERMINED BY:	N/A	
	925'	HOLE SIZE:	N/A	INCHES		
8-5/8"	925'	3. LONG STRING				
		SIZE: 4-1/2 & 5	-1/2 INCHES	CEMENTED WITH:	50	sx
		тос:2400		_FEET DETERMINED BY:	Calculation	
		HOLE SIZE:	7-7/8	INCHES		
		4. TOTAL DEPTH:	2776	FEET		
		5. PERFORATION			0707	
			2637 (PERFORAT	FEET TO: TED OR OPEN HOLE; INDIC "PERFORATE		T
4-	-1/2" 2340'					
	PERFS 2637'-273				FORM C-108 SECTION VI	
	PERFS 2637'-273'	7'		APPLICATIO	ON FOR AUTHORIZATION TO INJECT	V
	5" 2739'				ker & Parsley elopment L.P.	
	TD 2776'			WATE	R INJECTION WELL	

SHACKELFORD OIL		BOWMAN	BOWMAN				
OPERATOR		LEASE					
	660' FNL & 1980' FWL	SEC-28	T-19-S	R-32-E			
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE			
TYPE OF WELL:	PRODUCING OIL AND	GAS WELL	SPUD DATE:	9/30/42			
SCHEMATIC	4 005405	2461110	TABULAR DATA				
	1. SUFACE (CASING					
	SIZE:	8-5/8 INCHE	S CEMENTED WITH:	50	sx		
	тос: <u>S</u>	urface	FEET DETERMINED BY:	Circulated			
	HOLE SIZE:	11	INCHES				
9.5/8"	2. INTERMID	NATE CASING					
	SIZE:	N/A INCHE	S CEMENTED WITH:	N/A	sx		
	TOC:	N/A	FEET DETERMINED BY:	N/A			
	HOLE SIZE:	N/A	INCHES				
8-5/8" 928	3. LONG ST	RING					
	SIZE:	5-1/2 INCHE	S CEMENTED WITH:	50	sx		
	TOC:	2540	FEET DETERMINED BY:	Calculated			
	HOLE SIZE:	7-7/8	INCHES				
·	4. TOTAL DE	EPTH: 277	1 FEET				
	5. PERFORA						
		2709 (PERFORA)	FEET TO:		FEET		
		(, <u></u>	"PERFORATE				
				FORM C-108 Section VI			
			APPLICATIO	N FOR AUTHORIZATI	ON		
# PERFS 2709-2			A LIVATIO	TO INJECT			
			Par	ker & Parsley			
5-1/2"				elopment L.P.			

WATER INJECTION WELL TABULATION OF WELL DATA

SHA	SHACKELFORD OIL						AMOCO FEDERAL					
OPERA	TOR					· · · · · · · · · · · · · · · · · · ·	LEASE			· · ·		
		1			660' FNL & 330' FWL		SEC-21	T-19-S	R-32-E	<u> </u>		
	Ī	VELL N			FOOTAGE LOCATION		SECTION	TOWNSHIP	RANGE			
	TYPI	E OF W	ELL:		PRODUCING OIL AN	D GAS WE	L_	SPUD DATE:	9/2:	3/88		
				_								
	:	SCHE	MATI	С				TABULAR DATA				
		<u> </u>			1. SUFAC	E CASING						
			:		SIZE:	13-3/8	INCHES	CEMENTED WITH:	475	5	sx	
40.040"				450	TOC:	Surface		FEET DETERMINED BY:	Circu	ated		
13-3/8"				450'	HOLE SIZE:		17-1/2	INCHES				
					2. INTERN	MIDIATE CA	SING					
		***************************************			SIZE:	8	INCHES	CEMENTED WITH:	215	0	sx	
		MANMANAN	:		TOC:	Surface		FEET DETERMINED BY:	Circu	ated		
					HOLE SIZE:		11	INCHES				
;	8" 🌋	Na marana		4250'	3. LONG S	STRING						
		WINNIN	-		SIZE:	5-1/2	INCHES	CEMENTED WITH:	525	5	sx	
					TOC:	4550		FEET DETERMINED BY:	Temp. S	urvey		
					HOLE SIZE:		7-7/8	INCHES				
			*****		4. TOTAL	DEPTH:	6650	FEET				
					5. PERFO	RATIONS						
							6490	FEET TO:	6493	FEET		
				PERFS			(PERFORATI	ED OR OPEN HOLE; INDI PERFORAT				
				4892'-4906'				I EN ORAN				
									FORM C-108			
		3							SECTION VI			
				PERFS 6490'-6493'				APPLICATI	ON FOR AUTHOR	ZATION		
				0490-0493					TO INJECT			
								Pa	ırker & Parsley			
	5-1/2"	2		6650'					velopment L.P.			

TABULATION OF WELL DATA

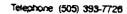
WATER INJECTION WELL

DATA SHEET ON PROPOSED OPERATIONS SECTION VII

FORM C-108

SECTION VII

- Proposed Average Daily Injection Rate 4500 BWIPD
 Proposed Maximum Daily Injection Rate 6000 BWIPD
- 2) This will be a closed system
- 3) Estimated Average Injection Pressure 1300 psi
 Estimated Maximum Injection Pressure 1800 psi
- 4) See attached letter and chemical analysis
- 5) Does not apply.





P.O. BOX 2167 HOBBS, NEW MEXICO 88240

December 10, 1996

Parker & Parsley P.O. Box 3178 Midland, Tx. 79702

Attn: Britt Hirth

Dear Mr. Hirth,

According to reports, Parker & Parsley is planning to inject water at the Lusk West Delaware lease. Water from the Seven Rivers formation is going to be commingled with the Delaware water. When mixed these two waters show to have a Calcium Sulfate scaling tendency, thus making these two water incompatible.

Champion Technologies is recommending a scale inhibitor be injected continuously into the commingled injection water at a treating rate of 15 to 25 ppm. This treatment will inhibit the Calcium Sulfate scale from depositing in the injection wells and improve the quality of the injection water to acceptable levels. Compatibility tests with scale inhibitors and the injection water should be performed before a scale inhibitor is put in place.

If you have any questions please contact me in the Hobbs office.

Regards,

Kenny Kearney

FORM C-108 SECTION VII ITEM #4 P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040

709 W. INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

RESULT OF WATER ANALYSES

	i.	ABORATORY NO	8961	41	
TO: Mr. David Shrauner		SAMPLE RECEIVED		8-16-96	
P O Drawer E, Kermit, TX 79745		RESULTS REPORTED		8-21-96	
COMPANY Parker & Parsley		ASE Prong	horn SWD		
FIELD OR POOL					
SECTION BLOCK SURVEY	COUNTYLe	eaSTATI	NM		
SOURCE OF SAMPLE AND DATE TAKEN:					
NO.1 Produced water - taken from					
NO.2 Produced water - taken from	m Southern Cal	ifornia heate	r treat e r (wa	ater pump).8-	16–96
NO.3 Produced water - taken from	m outlet from	gumbarrel. 8-	-16-96		
NO. 4					
REMARKS:					
	CAL AND DUVICIOAL	PROPERTIES			
CHEMI	CAL AND PHYSICAL NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60° F.	1.1436	1.1718	110. 3	110.4	
pH When Sampled	1.1750	1.1,10			
gH When Received	6.19	6.18			
Bicarbonate as HCO,	273	78			
Supersaturation as CaCO ₃	0	8			
Undersaturation as CaCO ₃					
Total Hardness as CaCO,	58,000	83,000	·		
Calcium as Ca	19,200	28,400			
Magnesium as Mg	2,430	2,916			
Sodium and/or Potassium	61,402	66,136			
Sulfate as SO,	960	384			
Chloride as Cl	134,936	160,503			
Iron as Fe	11.3	10.5			
Barium as Ba					
Turbidity, Electric					
Color as Pt					
Total Solids, Calculated	219,202	258,417			
Temperature *F.					
Carbon Dioxide, Calculated	301	86			
Dissolved Oxygen,					
Hydrogen Sulfide	0.0	0.0			
Resistivity, ohms/m at 77° F.	0.054	0.050			
Suspended Oil			1,027		
Filtrable Solids as mg/l					
Volume Filtered, ml					
Calcium Sulfate Scaling Tendency	None	None			
Calcium Sulfate Scaling Tendency	None	None			
	esults Reported As Milligran	me Par Liter	<u></u>		
		to evaluate co	mpatibility	hatroon	
these two waters. A careful stud					
incompatibility, therefore, the m					
to cause any scaling potential or			CALC HOLD DE C		
	proceeding				•
			111		
		10 mm	market plan and		

Form No. 3

FORM C-108 SECTION VII ITEM #4 Waylan C. Martin, M.A.

P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040 709 W. INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

RESULT OF WATER ANALYSES

	1.7	ABORATORY NO	89614	0	
mr. David Shrauner		AMPLE RECEIVED	0 10	0 10 00	
P O Drawer E, Kermit, TX 79745		SULTS REPORTED.	0 21	9 21 06	
I d blawer by merane, in 757 15	n	COULTS REPORTED.			
COMPANY Parker & Parsley	LEA	ASEAS 1	isted		
FIELD OR POOL	т 1_	.00			
SECTION BLOCK SURVEY		ea stat	F NM		
SOURCE OF SAMPLE AND DATE TAKEN:		9181		· · · · · · · · · · · · · · · · · · ·	
NO 1 Supply water - taken from L	usk Deep #7.				
NO.2 Produced water - taken from		ifornia #5			
NO.3 Produced water - taken from				<u> </u>	
	Southern car.	IIOIIIIa #7.			
NO. 4					
REMARKS:2	. 6,400' 3.	4,700'			
СНЕМІ	CAL AND PHYSICAL	PROPERTIES			
	NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60° F.	1.0323	1.1784	1.1721		
pH When Sampled					
pH When Received	5.80	6.31	6,41		
Bicarbonate as HCO ₃	488	51	54		
Supersaturation as CaCO,		6	4		
Undersaturation as CaCO,	10				
Total Hardness as CaCO,	8,800	87,000	78,000		
Calcium as Ca	2,520	29,600	28,000		
Magnesium as Mg	608	3,159	1,944		
Sodium and/or Potassium	12,226	67,015	70,258	· · · · · · · · · · · · · · · · · · ·	
Sulfate as SO,	3,785	313	362		
Chloride as Ci	22,016	164,764	163,344		
Iron as Fe	60.8	2.4	5.2		
8arium as Ba					
Turbidity, Electric					
Color as Pt					
Total Solids. Calculated	41,643	264,902	263,962		
Temperature °F.					
Carbon Dioxide, Calculated	1,269	42	35	<u>-</u>	
Dissolved Oxygen,					
Hydrogen Sulfide	74.0	0.0	0.0		
Resistivity, ohms/m at 77° F.	0.200	0.0	0.0		
Suspended Oil	0,200	0.049	0.050		
Filtrable Solids as mg/l					
Volume Filtered, mi					
Calcium Carbonate Scaling Tendency	None	None	None		
Calcium Sulfate Scaling Tendency	Moderate	None	None		
	esults Reported As Milligran	ns Per Liter	- 		
Additional Determinations And Remarks					
					
					
<u> </u>			<u> </u>		

Form No. 3 FORM C-108 SECTION VII ITEM #4

P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040

LABORATORY NO.

709 W. INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

896140 (Page 2)

RESULT OF WATER ANALYSES

TO: Mr. David Shrauner		SAMPLE RECEIVED8-19-96			
P O Drawer E, Kermit, TX 79745				1-96	
COMPANY <u>Parker & Parsley</u>		EASE AS 1	isted		
FIELD OR POOL	Lusk				
SECTION BLOCK SURVEY	COUNTYL	eaSTA	ATENM_		
SOURCE OF SAMPLE AND DATE TAKEN:					
NO.1 Composite Southern Californ	iia water (eq	ual mix of we	11 #5 & well	<i>#</i> 7).	
NO.2 Hypothetical combination of	25% Lusk #7	& 75% compos	ite Southern	California.	
NO.3 Hypothetical combination of					
NO.4 Hypothetical combination of					
	7370 20310 117		200 00000000000000000000000000000000000		
REMARKS:					
CHEMI	CAL AND PHYSICA	T	T		
	NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60° F.	1.1753	ļ			
pH When Sampled	6.36			 	
pH When Received	53				
Bicarbonate as HCO,					
Supersaturation as CaCO,				 	
Undersaturation as CaCO ₃	82,500				
Total Hardness as CaCO, Calcium as Ca	28,800	22,230	15,660	9,090	
Magnesium as Mg	2,552	22,230	13,000	9,090	
Sodium and/or Potassium	68,637	 			
Sulfate as SO.	338	1,200	2,062	2,923	
Chloride as C.	164,054	128,545	93,035	57,526	
Iron as Fe	3.8	120,313	75,055	77,520	
Barrum as Ba					
Turbidity, Electric					
Color as Pt					
Total Solids, Calculated	264,432				
Temperature °F.					
Carbon Dioxide, Calculated					
Dissolved Oxygen.					
Hydrogen Sulfide	0.0				
Resistivity, ohms/m at 77° F.	0.050			<u> </u>	
Suspended Oil					
Filtrable Solids as mg/l					
Volume Filtered, ml					
Calcium Sulfate Scaling Tendency	None	Mild	Moderate	Severe	
				ļ	
		<u> </u>		1	
	esults Reported As Milligra		 		
Additional Determinations And Remarks Letter of re	commendation	attached.			
			A 1		
		 	11 8		
		1	and the same of th		

Form No. 3

FORM C-108 SECTION VII ITEM #4

Martin Water Laboratories, Inc.

WATER CONSULTANTS SINCE 1953
BACTERIAL AND CHEMICAL ANALYSES

August 21, 1996

709 W. INDIANA MIDLAND, TEXAS 79701 (915) 683-4521

Mr. David Shrauner Parker & Parsley P.O. Drawer "E" Kermit, TX 79745

P. O. BOX 1468

MONAHANS, TEXAS 79756

(915) 943-3234 or 563-1040

Subject: Recommendations relative to laboratory #896140 (8-21-96), Lusk Deep

#7 and Southern California #5 and #7.

Dear Mr. Shrauner:

The objective herein is to evaluate compatibility between the waters from Lusk Deep #7 and both Southern California #5 and #7. A careful study in this regard has revealed the following:

- 1. We have made hypothetical combinations of these waters and find that essentially any mixture of these waters would be expected to result in a calcium sulfate scaling potential. However, as the proportion of the water from Lusk Deep #7 increases, we find a proportionate increase in calcium sulfate scaling potential. The most severe scaling potential resulted when we combined 75 percent of the water from Lusk Deep #7 with the other two waters.
- 2. The results reveal the presence of a slight amount of iron in both of the Southern California wells and hydrogen sulfide in Lusk Deep #7. This evidence indicates iron sulfide precipitation can be expected on the mixing of these waters. It should be understood that we would anticipate variations in the iron content in Southern California #5 and #7 and therefore variations in the amount of iron sulfide that would precipitate when mixed with Lusk Deep #7.
- 3. This study has revealed no evidence of any other potential incompatibility.

Based on the evidence revealed in this study, we would conclude that these waters are not compatible, and we would recommend the waters not be mixed on the surface nor should Lusk Deep #7 be injected into the zone represented by the Southern California wells.

Wavlan C. Martin

WCM/mo

FORM C-108 SECTION VII ITEM #4

GEOLOGICAL DATA SHEET SECTION VIII

FORM C-108 SECTION VIII

Geological Summary

The Lusk West Delaware field is located in Lea county, New Mexico in TWN 19S RGE 32E. As of April 30, 1996 there were 31 (seven inactive) wells producing approximately 9,441 BBLS/Mo, 16,950 MCF/Mo and 13,480 BW/Mo. The field's current producing gas-oil ratio is at 1,795 SCF/BBL as of April 1996. Cumulative production as of April 1996 for the field is 2,106.3 MBBLS, 4,367.3 MMCF and 1,789.8 MBW. Production comes mainly from the 6400' zone in the Delaware Brushy Canyon. There are several other Delaware Brushy Canyon zones including the 4900' sand, 5500' sand, 6650' sand, 7050' sand and the 7200' sand. These zones have contributed about 587 MBBLS & 1,029.2 MMCF. The proposal is to only Waterflood the 6400' sand interval. The wells that contributed to the 6400' zone have produced about 1,519 MBBLS, 3,338.1 MMCF and 1,281 MBW.

The 6400' zone is a deep marine turbidite fan system that runs primarily north-south along the slope break. The sandstone body varies in thickness from 0 to 35+ feet. The sand averages about 22 feet thick. A mineralogic and Petrographic analysis was performed by Western Atlas's Core Laboratories on the Damson Oil Corp. Southern California Federal #7. The following is the results of their analysis.

The sandstone is described as a subarkosic feldspathic sandstone that is fairly well sorted, ranges from very angular to rounded, is mature in texture, is random in grain orientation and has point, floating, straight, concavo-convex grain contacts. The sandstone is primarily composed of monocrystalline quartz, potassium feldspar, dolomite rock fragments, plagioclase and polycrystalline quartz. There is no rock matrix present. The cement is common to abundant, is finely disseminated with fine crystalline dolomite and patches of anhydrite. There is an abundance of intergranular pores, uncommon grain-moldic pores, rare intergranular and very small pores associated with dolomite rock fragments and dolomite cements. No authigentic clays are present, there is no evidence of sedimentary structures, the pore network is very well interconnected and fractures are not present.

The 6400' Delaware sand exhibits both stratigraphic and structural trapping mechanisms and characteristics. The Lusk West field trends structurally down dip in the easterly direction. There are two visible structural high's setting up a nose in which the thickest portion of the sand body is present. There appears to be an oil-water contact at approximately -2,900' on the down dip side. The up dip extent of field is delineated by sandstone fans that thins in a westerly direction to zero. These fans appear separated by a tight clay rich margin that trends SE to NW across the southern half of Sec. 20.

INJECTION WELL STIMULATION PROGRAM SECTION IX

FORM C-108

SECTION IX

There will be a small clean up acid job only for each injection well.

LOGGING AND TEST DATA SECTION X

FORM C-108

SECTION X

Original logs previously submitted with C-102.

CHEMICAL ANALYSIS OF FRESH WATER SECTION XI

FORM C-108

SECTION XI

There is no known beneficially used fresh water. Water from the Santa Rosa formation is not of sufficient supply and areal extent to justify drilling of water wells. Livestock is watered by private co-ops and pipeline.

AFFIRMATIVE STATEMENT SECTION XII

FORM C-108

SECTION XII

Not applicable due to nature of the Secondary Recovery application, this section does not apply.

PROOF OF NOTICE SECTION XIII

OFFSET OPERATORS

Section 16,T-19-S, R-32-E

Lusk State 16 #1 Ray Westall Operating, Inc.

P.O. Box 4

Loco Hills, NM 88255

Section 17, T-19-S, R-32-E

Aqueduct AGG Federal #1 Marbob Energy Corporation

324 W. Main

Artesia, NM 88210

Section 21,T-19-S, R-32-E

Lynch #3 Shackelford Oil Company

203 W. Wall

Midland, TX 79701

Plains Federal X #4 Parker & Parsley Development L.P.

Section 28, T-19-S, R-32-E

Bowman #2 Shackelford Oil Company

Plains Unit #2 Parker & Parasley Development L.P.

Plains Unit Federal #3Y

Section 30, T-19-S, R-32-E

Federal USA #1J, #2J & #3J Texaco Exploration and Production, Inc.

P.O. Box 3109

Midland, TX 79702

Section 31, T-19-S, R-32-E

Federal USA #1 Texaco Exploration and Production, Inc.

Section 32, T-19-S, R-32-E

New Mexico CR State #1	Texaco Exploration and Production, Inc.
Foran NF State #1	Parker & Parsley Development L.P. & Matador Operating Company 8340 Meadow Road, Ste. 158, Pecan Creek Dallas, TX 75231
Texaco-Cities Service St Com #1	Parker & Parsley Development L.P.

SURFACE OWNER

Section 20, T-19-S, R-32-E

Bureau of Land Management 1474 Rodeo Dr. Santa Fe, NM 87505

Section 21, T-19-S, R-32-E

Bureau of Land Management

Section 29, T-19-S, R-32-E

Bureau of Land Management

A letter and a copy of the Form C-108 has been furnished to the surface owner and offset leasehold operators. I certify this to be true and correct.

Parker & Parsley Development L.P.

Jeanie Dodd Proration Analyst

FORM C-108

SECTION XIII



December 12, 1996

Ray Westall Operating, Inc. P. O. Box 4
Loco Hills, NM 88255

RE: Application for Authorization to Inject Lusk West (Delaware) Unit Lusk Deep Unit A No. 12, 14, 17, 20 Southern Cal. Fed. No. 4, 6, 10, 11, 12 S.A. Bowman Federal No. 5 Amoco Federal No. 2 Mobil Federal No. 1 and 4 Lea County, New Mexico

Gentlemen:

Parker & Parsley Development L.P. is applying to the Oil Conservation Division for authorization of a water injection project for secondary recovery of hydrocarbons utilizating these subject wells as injectors.

The Oil Conservation Division requires that the attached information be sent to all offset operators and the surface owner.

Sincerely,

PARKER & PARSLEY DEVELOPMENT L.P.

Jeanie Dodd

Proration Analyst



December 12, 1996

Marbob Energy Corporation 324 W. Main Artesia, NM 88210

RE: Application for Authorization to Inject Lusk West (Delaware) Unit Lusk Deep Unit A No. 12, 14, 17, 20 Southern Cal. Fed. No. 4, 6, 10, 11, 12 S.A. Bowman Federal No. 5 Amoco Federal No. 2 Mobil Federal No. 1 and 4 Lea County, New Mexico

Gentlemen:

Parker & Parsley Development L.P. is applying to the Oil Conservation Division for authorization of a water injection project for secondary recovery of hydrocarbons utilizating these subject wells as injectors.

The Oil Conservation Division requires that the attached information be sent to all offset operators and the surface owner.

Sincerely,

PARKER & PARSLEY DEVELOPMENT L.P.

Jeanie Dodd

Proration Analyst



December 12, 1996

Shackelford Oil Company 203 W. Wall Midland, TX 79701

RE: Application for Authorization to Inject Lusk West (Delaware) Unit Lusk Deep Unit A No. 12, 14, 17, 20 Southern Cal. Fed. No. 4, 6, 10, 11, 12 S.A. Bowman Federal No. 5 Amoco Federal No. 2 Mobil Federal No. 1 and 4 Lea County, New Mexico

Gentlemen:

Parker & Parsley Development L.P. is applying to the Oil Conservation Division for authorization of a water injection project for secondary recovery of hydrocarbons utilizating these subject wells as injectors.

The Oil Conservation Division requires that the attached information be sent to all offset operators and the surface owner.

Sincerely,

PARKER & PARSLEY DEVELOPMENT L.P.

Jeanie Wodd

Jeanie Dodd

Proration Analyst



December 12, 1996

Texaco Exploration and Production, Inc. P. O. Box 3109 Midland, TX 79702

RE: Application for Authorization to Inject Lusk West (Delaware) Unit Lusk Deep Unit A No. 12, 14, 17, 20 Southern Cal. Fed. No. 4, 6, 10, 11, 12 S.A. Bowman Federal No. 5 Amoco Federal No. 2 Mobil Federal No. 1 and 4 Lea County, New Mexico

Gentlemen:

Parker & Parsley Development L.P. is applying to the Oil Conservation Division for authorization of a water injection project for secondary recovery of hydrocarbons utilizating these subject wells as injectors.

The Oil Conservation Division requires that the attached information be sent to all offset operators and the surface owner.

Sincerely,

PARKER & PARSLEY DEVELOPMENT L.P.

Jeanie Wodd

Jeanie Dodd

Proration Analyst



December 12, 1996

Matador Operating Company 8340 Meadow Road, Ste. 158 Pecan Creek Dallas, TX 75231

RE: Application for Authorization to Inject Lusk West (Delaware) Unit Lusk Deep Unit A No. 12, 14, 17, 20 Southern Cal. Fed. No. 4, 6, 10, 11, 12 S.A. Bowman Federal No. 5 Amoco Federal No. 2 Mobil Federal No. 1 and 4 Lea County, New Mexico

Gentlemen:

Parker & Parsley Development L.P. is applying to the Oil Conservation Division for authorization of a water injection project for secondary recovery of hydrocarbons utilizating these subject wells as injectors.

The Oil Conservation Division requires that the attached information be sent to all offset operators and the surface owner.

Sincerely,

PARKER & PARSLEY DEVELOPMENT L.P.

Jeanie Dodd

Proration Analyst



December 12, 1996

Bureau of Land Management 1474 Rodeo Dr. Santa Fe, NM 87505

RE: Application for Authorization to Inject Lusk West (Delaware) Unit Lusk Deep Unit A No. 12, 14, 17, 20 Southern Cal. Fed. No. 4, 6, 10, 11, 12 S.A. Bowman Federal No. 5 Amoco Federal No. 2 Mobil Federal No. 1 and 4 Lea County, New Mexico

Gentlemen:

Parker & Parsley Development L.P. is applying to the Oil Conservation Division for authorization of a water injection project for secondary recovery of hydrocarbons utilizating these subject wells as injectors.

The Oil Conservation Division requires that the attached information be sent to all offset operators and the surface owner.

Sincerely,

PARKER & PARSLEY DEVELOPMENT L.P.

Jeanie Dodd

Proration Analyst