(ENERC	SY AND MINERALS DEPAR MENT	POST C/FICE BOX 2000 STATE LAND OFFICE MURDING GANTA FE, NEW MEXICO 87001	Revised 7-1-81 PMX 6/8/98
APPLIC	ATION FOR AUTHORIZATION TO INJECT	#12022	
Ι.	Purpose: Secondary Recover Application qualifies for ad	y 🛛 Pressure Maintenance ministrative approval? 🕅	Disnosal Distorage yes no
II.		ROCALITES, INC.	
	Address: P.C. DRAWER	MIDLAND TX	79702
	Address: P.C. DRAWER Contact party: JAMES B	LOUNT Phor	e:
III.	Well data: Complete the data r		of this form for each well
IV.	Is this an expansion of an exis If yes, give the Division order	ting project? 🛛 yes number authorizing the proj	ect 500-623
۷.	Attach a map that identifies all injection well with a one-half well. This circle identifies t	l wells and leases within tw mile radius circle drawn arc	o miles of any proposed
• VI.	Attach a tabulation of data on a penetrate the proposed injection well's type, construction, date a schematic of any plugged well	n zone. Such data shall ind drilled, location, depth, r	lude a deficito tion of each ecold of completion, and
VII.	Attach data on the proposed oper	ration, including:	MAY 2 2 1998
	 Whether the system is op Proposed average and may Sources and an appropriation the receiving formation If injection is for disposed at or within one mile 	kimum injection pressure; ate analysis of injection fl on if other than reinjected bosal purposes into a zone n of the proposed well, attac mation water (may be measure	uid and compatibility with produced water; and of productive of oil or gas h a chemical analysis of
<u>,+</u> 9112. –	Attack appropriate geological da detail, geological name, thickna bottom of all underground source total dissolved solids concentra injection zone as well as any su injection interval.	ess, and depth. Give the ge es of drinking water (aquife ations of 10,000 mg/1 or les	ologic name, and depth to rs containing waters with s) overlying the proposed
IX.	Describe the proposed stimulation	on program, if any.	
* X.	Attach appropriate logging and a with the Division they need not		well logs have been filed
• XI.	Attach a chemical analysis of fr available and producing) within location of wells and dates samp	one mile of any injection o	
XII.	Applicants for disposal wells mu examined available geologic and or any other hydrologic connects source of drinking water.	engineering data and find n	o evidence of open faults
XIII.	Applicants must complete the "P	roof of Notice" section on t	he reverse side of this form.
XIV.	Certification		
ð ef	I hereby certify that the inform to the best of my knowledge and	belief.	
	Name: JAMES BLOUNT	Title	HREA DUPERVISOR
	Signature:ame	Date:	5-6 48
submi	ne information required under Sect tted, it need not be duplicated a ne earlier supmittal.	tions VI, VIII, X, and XI ab and resubmitted. Please sho	ove has been previously w the date and circumstance

,

•

-----. •

OPERA	TOR	LEASE		
Southw	est Royalties, Inc. Eillia	ms Federal		
WELL	NO. FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
14	1650' FNL & 1980' FEL	34	175	33E
1	Schematic	Tabula	r Data	-
1 1		Surface Casing		
		Size <u>8 5/8</u> "	Cemented with	<u></u>
		TOC_Surface feet deter	rmined by <u>circu</u>	ation_
		Hole size <u>11"</u>		
		Intermediate Casing		
	8 5/8" 24# @ 1540'	Size"	Cemented with	SX.
		TOC feet dete		
		Hole size		
		Long string		015
		Size $5\frac{1}{2}$ "		
		TOC 750 feet dete	rmined by <u>CB</u>	<u> </u>
		Hole size $77/8$	-	
		Total depth <u>4894'</u>	-	
		Injection interval	1922 fact	
		(perforated or open-hole,		
	5 ½" x 2 3/8" AD-1 pkr	@ 4250'		
		0		
	∓ 4325'			
	4833'			
	5 ½" 15.5# @ 4894'			
_	ize <u>2 3/8" 4.7#</u> lined with <u>Internal</u>		set in a	
Baker	Model AD-1 packer	at <u>4250</u> feet.		
Other Da	ita			
	Name of the injection formation <u>Grayb</u>	ourg/San Andres		
	Name of Field or Pool (if applicable) <u>N</u>	-		
	Is this a new well drilled for injection?			
	If no, for what purpose was the well origin	ally drilled? <u>Oil produc</u>	tion	
				. <u> </u>
	Has the well ever been perforated in any o plugging detail (sacks of cement or bridge			
		p.u8(0) u.cu		
,				
	Give the depth to and name of any overlyin area.	ng and/or underlying oil and	d gas zones (pools) in this
	Queen @ 3776' Abo @ 812	29'		

	STATE	OF NËW	MEXICO
ENERGY	AND M	INERALS	DEPARTMENT

OIL CONSERVATION DIVISION POST OFFICE BOX 2088

FORM C-108 Revised 7-1-81

Ι.	Purpose: Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? Tyes Tho
II.	Operator:
	Address:
	Contact party: Phone:
	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? yes no If yes, give the Division order number authorizing the project
v.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
11.	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.).
II	- the propriate geological data on the injection zone including appropriate geological 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.
11.	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.
11.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
IV.	Certification
	I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	Name: Title
	Signature: Datc:

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

111. 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, nole 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 the input com the date this application was a mailed to them.

							Jim s g Jrere
	2:0 Pertus Oil 1 1 97 Philip 1 Pertus Oil 1 1 97 Philip 1 Pertus Oil 1 1 97 Philip 1 Pertus Oil 1	Meridian S/R Marathan (Petrus Oil) 11 199 Mark Fner 96 34 97 36 96 34	E Providenty 6-2	kEner: Oil KEner: Oil Mack	Sinus-		hei Pennzoil
Saga Peterseco)	IC T McLaughlin 1 5000 Tsogg Soga Pet. 1 100A 5	So Rou) Maraninon (Petrus) Phillips (1:1.39 Tomorack St v4512 1:2516 1.4	Tomorack, etal Petri 8-2316 Mack	18.011 Enec Her 	(Mack Frier)	Votes Pet etal ;	31 W 4 JJFG MODIL INF JFG Ent Modeschert) E-1251 Hill Modeschert) - 1251 Hill Modeschert) - 1251 Hill (5) 1555 1 10 4555
at Texam	Sees SaRoy 8	(MaguireEnet)	Phillips of JAP	5000 Art	Vieta Rt, Petrus St. 4 k Ener: Mack Ener:	Mack Ener: Petrus	Oil State J
ET.(OPER.)	E-881 B-2229 Phillips 	1 "E" m		Terres Ae	8-2516 8-2516	H.C.P. Ma B-2516 Er	Ack Southmest Mock
	25hendhi 3 "E" A Artoc St. "Storte" Phillips St." Coviness Cat Co.	Phillips St [™] State St Utsc P/80	State Coviness Caf	(SAW-S) (12400) 101	hillips ^{23:1} Mack Ener 9-2229, Store Petrogn	Eddy Potesh, Inc. (3) State	Southwest Roy Mobil- St
(Philips)	Wiser Oil Co. 17	Shahara Oil (Phillips) B-2148 Phillips	e ⁱ³ Phillipsia	2 ¹	Phillips Ph	Mock Ener.	
Bal148 ¹⁴¹ (28 ⁵ 18 31 D Wiser Oil (2260 4 C - 1, 378, 71	130 130 - 21 49 130 131 132 144 131 132 154 149 14 12	MALJAI	AAE,	20	B_2229 ₽ ₽	Phillips 21 59	Total In Amoco
	(Phillippe D/Portoz 22	Phillips Learner Hi 16 10	Phillips 15		14	Phillies St." State	Phillips Drives P 18 ANT
Blue I in Phillips TieSitepie (1997)	151 Wiser Oil Sui 154	MAL- GRA UNIT	33 B-2148	Π	5 35 •24	B-25 16	B-2229 To 4750 St. Pan
States	(10) western 5+" 167	WISER OIL CO. 1.7	"Leamer" State St	ljps- •37	33 "Phillips-St" e Store	"Phillips St." State, M. Miss. Acquis.(S)	1 3
B-214	41 (⁰ 03 0/8) 773 / 200 1 WW 714 WW 793 / 949 178 Wiser 011 Wis	4 Phillips 14 24 TO4 553 Oil Co. 8-2148 TO4 553 Diato 14 To 153 Diato 14 To 153	Phillips Ph #4 B-2148 L6-361	illips (•4	B-2148 B-2148	Phillips 27	28 Phillips (199) 77A B. 4118
3 0176 005 1 #18 26 #3	178 VISE OII 181 182 044 17 195700 56 51 54 13 1 Western St. 196 W		TD	1301 4538 ● ⁺ 8 2-8 ●	د-» ها <u>م</u>	"Learnex"	3141 m 1
● ¹⁷¹ ● ¹⁹² ≠19 ●3 ■ ⁶⁶ 67-42		Loomex 21	22(Pet	rus Oil) hilling Kitske ei	23	A Mississippi Acqui	ина т 19
207 14 • FHE 2 • Phillips St."	200 WiserDillo dame - 200 201 10 4750 210 210 200 209 62149 20	Leomes"	TOSEST PROFES	Penn.1 F26	bise Annan / Al V Chine A	8-2148 ⁷⁹³	₩ ²⁷ Dese se at
Press Stote		13 5 State 51 30 Fai Caviness Cat. Co.	Learney Cavingss ant	TDABOS Devon-St.	54 "Learnex" 5 State P	• */ eomer*	30 "Leo" F367 Stote
194 Full Cities Serv. + TD4300 44 Tr 2 Ohia jones -	B. 2229 Prod Con	Philips Philips 13 Philmex (PenzoilFial 13 1 33 8/42) 5 1 38 - 2225	CAPROCK MAL	JAMAR UNI	T 8-2229 Wi	52 Phillips 9 P92 037 B-2148	023 ^d ⁽¹⁾ Phillips ⁽¹⁾ Phillip
1.35 \$2 00 Star	Tr4 +2 1 fr5 till			<u>ER.)</u> !	¢27 ●7		34 65 ~ 1 ⁴ (N.C.Hand) (Phillips:SN) D6279 (0/A4-17-612)
30 5 (11) 30 1 (11)	Petrus Oll Cit Soll 29 (Petrus Oll efail) Cit Soll 25 (22) (Mooch	28 - 28	Wiser 27	Chancellor Phi/mex T0470 0/A8-5 46	26 2 ⁵ ³⁷ ³¹	4 ⁷ 25	³⁴¹³ 41' 30
Oranasan Line	ORUSS TIMBERS PRODUPIN	Startz Phillips St	Millips Philmes		WI J.D. Ir win) Phillips T04652 0/A 54-50	"Legmex"	Dian an a constant of
Doyce Caswell (5)	"stell-Tr. 6C qv/ness Cat. Cd Sy 112 "stell-Tr. 6C qv/ness Cat. Cd Sy 112 711445		Philipper State Po	3 P P70	multime MackEner, Enased	A State Children	State (WC D
00 C uppe 3-8 4	C Tr + 1 Tr + 1 Tr + 1 Tr + 1 C 0 4+15 [0 - 5106] B - 7 - 9 Bungon,ties Set Y 9	Stream 24 19 19 19 19 19 19 19 19 19 19 19 19 19	0001000131 n00141 P46 8	01 TASOSO 94189	" PT8 4585 PT11102 [\$1." (3. • 24 • PISH 3- F	29 Ener. 1 7 1 03 3) \$5'F 02 \$Will Leo
Bel Cit Serv Cit Serv Swo J.B Toilone B 18-18-61 Del Disc			C Shart a Sa o				11606 35 HAN 7 Rover Oper. 50 24 1 ho to 5000'
\Del Disc P 42 HE-31 T09918 } (SC P94932 (SC P94932 (TD4766 CD 3 2 5 Sev 5 Byt 41	Cross Tarbers 3 Drgel Sowerfiller So 5 Ormus	Jowestn Jowestn Jowestn Jowestn Townest Million Townest Million 7 South States States A	orme piz		Olsen 4 36 34 4 Olsen 4 36 34 4 Ener, etal 70 745 3 U-3349 74 14 14 14 14 14 14 14 14 14 14 14 14 14	76 " epg 76 " epg 724 " 15 36 k" f" e31 724 " vi P5 teg (add
0 ¹² <u>"Fee MA"</u> Minnie A. Will- isms, etcl, MJ	B-5310 OXY	Cross Inders 33 Orgel Sweethurger Const Inders 33 Orgel Sweethurger Const Inders 34 With the - Owney Soweth Inder Const Inder Const Inder States Const Inder Const Inder States Const Inder Const Inder States Const Inder	J.B. Orus J.B. Orus Gunnard Und Orthorn F. Orus I.G. Tras		06 1939		
helE Gary Caviness(S)	Caviness Cat. Co.(S)	Herschel & Garu Caviness	Gassa Harschel E.Gory C	Caviness	2 St KG Leo-St	- Stute M	3250 # 0 Expl. State 4070 # 1 /5 46 4r 4 05 9/ 4r 31
A Jack Jack Jacob J Servil A generation servil Chember Jul 35 Chember Jul 35 Villens Status and Perrose Cochary 11 Perrose Cochary	Wella UKT (Lo Cargo) Amer Ball (Lo Cargo)	OXY AL Corbin	(Carper) (8000	Hock Ener:	OXY 1 2.81		6 Pwi 7 B-4118
07 P	THEY, MULTICATE (CODED)	029483 B. 200 206U.S., N.I. Caviness Cat.Co. Fed" (214 (S) -213 Wit Corbin		V 1		(wo) ^{2-CP} (Age Am) 5	F100 ** - 1012510 *** Phillips - L
	1		Fritter Stoll etcl S	antare	100000000 2-69	Amoco (Cit.Serv.) H B P E 8979 (Cockbo	58 DECT TOVIS & Mar
120 (Delto Drig) 000 (Delto D	Santa Fe	AE " FISS / D.Sanders) "Fed " (Jeanne Cina) "Fed " (Jeanne Cina) 14 Mil. 14 Mil. 15 Mil.	isos (Sinclor) (Ke isoz (Corpos) filos (Kerri- Walls acos) (Con Micee) Honorob HT Sensition Manual Montett Marging Manual Con Montett Marging Manual Con Montett	bin Fee"		G & Livermore St. H	1 Morto 2 62 1
elt. Gory Coviness(8)	Hanley (H.E. Ch. Serv.	14 13 MI 202 14 MI - 015 Tail2000 Herschell, Gory Coviness (S) 402 OXY 11 (8: OXY 402 OXY - 11 (8: OXY	Oxy		State Caviness Cat.Co.(s)	Oxy brite	14-19-55 Tr. 4 State Mark Iter. 33 84 a
or rest or	(F4) (P(0) (8473)	SSIAS WI 101 AA		1.53	ay (El Paso 1 (Mabil) (Expl.)	LG 1543	11. 4 12. 4 13. 4 14. 5 14. 5 14
Onoco) 92	"Kaching Fed "526 Harted	U.S.M. Fed	Heimerich Corburget Corburget Votes Disc Pl2 Heimerich	06342 r240	PIST F278 PS	400 Ory 3/5 (81) 	1) 30W 5454 500 101 400 400 20 955 106 2414 17.7 17.4
069420	Conoco 28 3 Aartec 069420 Se Ray 96781 Cant Res Karlisse	Herschel E. Gary Caviness(S) OXY 4041 Pros 55149 History Caviness(S) Children Caviness(S) Children Caviness(S) Children Caviness(S)	Carbin Qan Disc. Si On come 15 Bison	TIA6025)	7280 F257	2.DW 1000	1 500
Corbin- 15 U.S. Swo	Cant Res i Mailago 9 Meridian1 • W.Corbin 1 Fed. U.S. Filzo	Criss Serv 405 T04350 405 #04350 405 #0400 #0400 Fed Fed Fed	Cochever Med Filoyd Fad. (Mobil- 01) el Connec Covinessi 2	5 Meridien Cavin al 303987 Cavin	1230 F35 27280 F35 1476d "Engl ress-Fed" - 756 Associated 1476d "Engl 1476d "E	232 H-DW Oxy	1026 Pennpoil Pet Service 10 4224 36 26 Ac. 110 4 5670 104 224 36 26 Ac. Convey 107 500 264 26 36 26 Ac. 110 107 104 20 40 20 40 40 40 40 40 40 40 40 40 40 40 40 40
u. j.	Burlington Burlington	Fed U.S. Corb n.Fed Burlington	Herschel ErayCoviness (1)	5) Councest	South South Fells	L6 9228 Store	And a set of the set o
	Contil Todsoo West Corbin-		Cal-Mont Evers Fed. St. G-631 HE wites Cavin-INE Vat while ness 111 9	es (Mobil) Ten 11172 06 Es Shekdon fed U.S. M.I.	1229 F312	45 04591 Hesco Fleider, 45 T" Bioge. Mescoler	And Antiparties and Antipartie
		BURLINGTON(OP)	55150 Cat. Co. 435 20	Smith inc	tonse Feat Mabil L Ser		-0-202 - ABX-780
Sa Rajizo io West Corbin Insth	Burlingt Burlington ton (J.M.Huber) 9-1-2006 2 (J.M.Huber) 9-1-2006 2 (me) 5.1. 525 (Me) 5.1. 525 (Me) 5.1.	Burlington (CY) Writing LG 1087 Fiel 18	1.90 July 1. 1	eyfus 2Å etai (198) 2Å	Gos 744 Ver St Kenneth Smith.is	Y Moh.	Figure 1 - 265 194
04979-p LDise 13 1/350 ₽103 47015 (/ 5	"Huber-Fed."	State 216 3 2154 3 21554 3 215555 215555 215555 215555 215555 2155555 21555555 2155555555	Marcha Part TOLI SOCI Sign	top.	Serv.) ²²⁵⁹⁴ Colper - Share Today Mo	4 3 Corver Sm	Gender Hanning Maroring
Amero, chai) (Coni'l Hudson - 7 'Amaco Lewisz O' Amaco	Burlington Burlington	Burlington 1	Percha St Store St		hioper. Texaco	// 01 02	U.S. S

Philmex #5 Location: 660 Type: Oil	Sec 27, T17S, R33E Date Drilled: 12/55		
Casing Record	1 :		Total Depth: 4570'
Size		Depth	Sacks Cement
8 5/8" 5 ½"		1473' 4460'	1085
5 1/2		4400	585
Completion: 1/56 1/56	OH 4460-4570'. Aci Frac'ed w/10000 gal	dized well w/500 gal acid. + sand.	
Philmex #11			
Location: 660 Type: Oil)' FSL & 660' FEL		Sec 27, T17S, R33E Date Drilled: 8/70 Total Depth: 4702'
Casing Record	1:		
Size		Depth	Sacks Cement
8 5/8" 4 ½"		360' 4702'	300 275
4 72		4702	275
Completion:			
9/70	Perf 4604-4664'.		
9/70	Acidized well w/1500	00 gal acid. Put well on pump).
Philmex #17			
Location: 660	Sec 27, T17S, R33E		
Type: Oil			Date Drilled: 4/82 Total Depth: 6200'
Casing Record	1 :		
Size		Depth	Sacks Cement
8 5/8"		1457'	750
4 ¹ / ₂ "		6198'	1550

Completion:

7/82	Perf 6138-48'. Acidized w/1000 gals. Plugged off.
7/82	Perf 4258-4614'. Acidized w/7500 gals.
8/82	Frac 4258-4466 w/54,000# sand. Put well on pump.

Wyatt Phillips Fed #14

Location: 467' FNL & 2	Sec 34, T17S, R33E		
Type: Oil	Date Drilled: 2/94		
		Total Depth: 4880'	
Casing Record:		-	
Size	Depth	Sacks Cement	
8 5/8"	1468'	735	

Completion:

5 1/2"

3/94	Perf 4692-4730'.	Acidized w/4000 gal.	Put well on pump.
12/97	Perf 4452-4672'.	Acidized w/5000 gal.	Put well on pump.

4880'

Wyatt Phillips Fed #15

Location: 660' FNL & 99	Sec 34, T17S, R33E	
Type: Oil	Date Drilled: 3/94	
		Total Depth: 4884'
Casing Record:		
Size	Depth	Sacks Cement
8 5/8"	1492'	760
5 1/2"	4884'	350

Completion:

4/94	Perf 4712-4758'.	
4/94	Acidized well w/6750 gal acid.	Put well on pump.

Eilliams Fed #12

Locatio	on:	330'	FNL	&	660'	FEL
Type:	SW	'D				

Sec 34, T17S, R33E Date Drilled: 9/95 Total Depth: 5050'

400

Casing Record:		-
Size	Depth	Sacks Cement
8 5/8"	1465'	720
5 1/2"	5047'	550

Completion:

10/95	Perf 4290-4833'. Acidized w/13000 gal.
10/95	Frac'ed w/112,000# sand. Swab tested mostly water.
1/96	Converted to SWD/Injection.

Eilliams Fed #11

Location: 330' FNL & 1980' FEL Type: Oil

Casing Record:

Size	Depth
8 5/8"	1487'
5 1/2"	5167'

Completion:

10/95	Perf 4712-4804'. Acidized w/10,000 gal.
12/95	Perf 4289-4488'. Acidized w/3000 gal.
12/95	Frac'ed w/4289-4488' w/94,000#. Put well on pump.

Eilliams Fed #9

Location: 989' FNL & 660' FEL Type: Oil Sec 34, T17S, R33E Date Drilled: 2/90 Total Depth: 4750'

Casing Record:

Size	Depth	Sacks Cement
8 5/8"	1519'	1000
5 1/2"	4750'	1000

Completion:

3/90	Perf 4590-4642'. Acidized w/3600 gal.
4/90	Perf 4301-4564'. Acidized w/9000 gal.
5/90	Frac'ed w/4301-4518' w/176,400#. Put well on pump.

Eilliams Fed #10

Location: 990' FNL & 2310' FEL	Sec 34, T17S, R33E
Type: Oil	Date Drilled: 12/90
	Total Depth: 4780'
Casing Record:	_

Size	Depth	Sacks Cement
8 5/8"	1515'	1000
5 1/2"	4780'	1500

Completion:

1/91	Perf 4609-4650'. Acidized w/3700 gal.
1/91	Perf 4338-4572'. Acidized w/7100 gal.
2/91	Frac'ed w/4338-4572' w/136,500#. Put well on pump.

Sec 34, T17S, R33E Date Drilled: 9/95 Total Depth: 5167'

Sacks	Cement
7	70
6	00

Wyatt 'A' Fed #1

Location: 1650' FNL & 990' FWL Type: Oil

Casing Record:

Size	Depth
8 5/8"	1536'
5 1/2"	4833'

Date Drilled: 10/96 Total Depth: 4833'

Sec 34, T17S, R33E

Sacks Cement
750
780

Completion:

12/96	Perf 4422-4662'.	Acidized w/8500 gal.	
2/97	Perf 4187-4382'.	Frac'ed w/135,000#.	Put well on pump.

Wyatt Phillips Fed #9

Location: 990' FNL & 165	50' FWL	Sec 34, T17S, R33E
Type: Oil		Date Drilled: 11/54
		Total Depth: 3892'
Casing Record:		
Size	Depth	Sacks Cement
8 5/8"	1453'	50
7"	3787'	100

Completion:

2/55	Perf 3772-3787'.	
2/55	Acidized well w/10000 gal acid.	Put well on pump.

Eilliams Fed #3

Location: 2308' FNL & 6	60' FWL	Sec 34, T17S, R33E
Type: Oil		Date Drilled: 12/60
		Total Depth: 8829'
Casing Record:		
Size	Depth	Sacks Cement
13 3/8"	350'	350
8 5/8"	4598'	722
5 1/2"	8829'	349

Completion:

1/61 Perf 8662-8776'. Acidized w/1000 gal.

Wyatt Phillips Fed #7 Location: 2310' FNL & 1650' Type: Oil	FWL	Sec 34, T17S, R33E Date Drilled: 2/54 Total Depth: 3830'	
Casing Record:	Danth	Sacks Cement	
Size 8 5/8"	Depth 1440'	50	
8 5/8" 7"			
<i>["</i>	3816'	100	
Completion: 4/54 Perf 3792-3830	'. Frac w/3000 gal. Put	well on pump.	
Eilliams Fed #7			
Location: 2310' FNL & 1720	' FWL	Sec 34, T17S, R33E	
Type: Oil		Date Drilled: 4/76	
- JF		Total Depth: 8910'	
Casing Record:			
Size	Depth	Sacks Cement	
13 3/8"	351'	350	
8 5/8"	4614'	550	
5 1/2"	8910'	850	
Completion: 5/76 Perf 8680-8758'. Acidized w/8000 gal. Put well on pump.			
Eilliams Fed #8			
Location: 2310' FNL & 330'	FEL	Sec 34, T17S, R33E	
Type: Oil		Date Drilled: 1/79 Total Depth: 4850'	
Casing Record:			
Size	Depth	Sacks Cement	
8 5/8"	444'	300	
4 1/2"	4850'	1200	

Completion:

inprotion.	
2/79	Perf 4629-4709'. Acidized w/12,000 gal. Put well on pump.
6/79	Perf 4552-4596'. Acidized w/2500 gal.
7/79	Frac w/43,500#. Put well on pump.

Cockburn Fed #4		
Location: 1650' FSL & 1650' FWL		Sec 34, T17S, R33E
Type: Oil		Date Drilled: 8/53
		Total Depth: 3931'
Casing Record:		
Size	Depth	Sacks Cement
8 5/8"	1460'	50
7"	3903'	100
Completion		
Completion: 9/53 Perf 3903-3931'. Put	well on numn	
<i>1011 3703-3731</i> . 1 dt	wen on pamp.	
Denius Fed #8		
Location: 1650' FSL & 990' FEL		Sec 34, T17S, R33E
Type: Oil		Date Drilled: 8/61
		Total Depth: 8845'
Casing Record:		
Size	Depth	Sacks Cement
11 3/4"	303'	275
8 5/8"	3064'	1050
7"	5885'	100
4 1/2"	8845'	725
Completion:		
9/61 Perf 8837-8845'. Put	well on pump.	
Denius Fed #7		
Location: 1980' FSL & 2310' FEL		Sec 34, T17S, R33E
Type: Oil		Date Drilled: 6/61
1)po. o		Total Depth: 9015'
Casing Record:		L
Size	Depth	Sacks Cement
11 3/4"	304'	275
8 5/8"	3064'	850

1500

Completion:

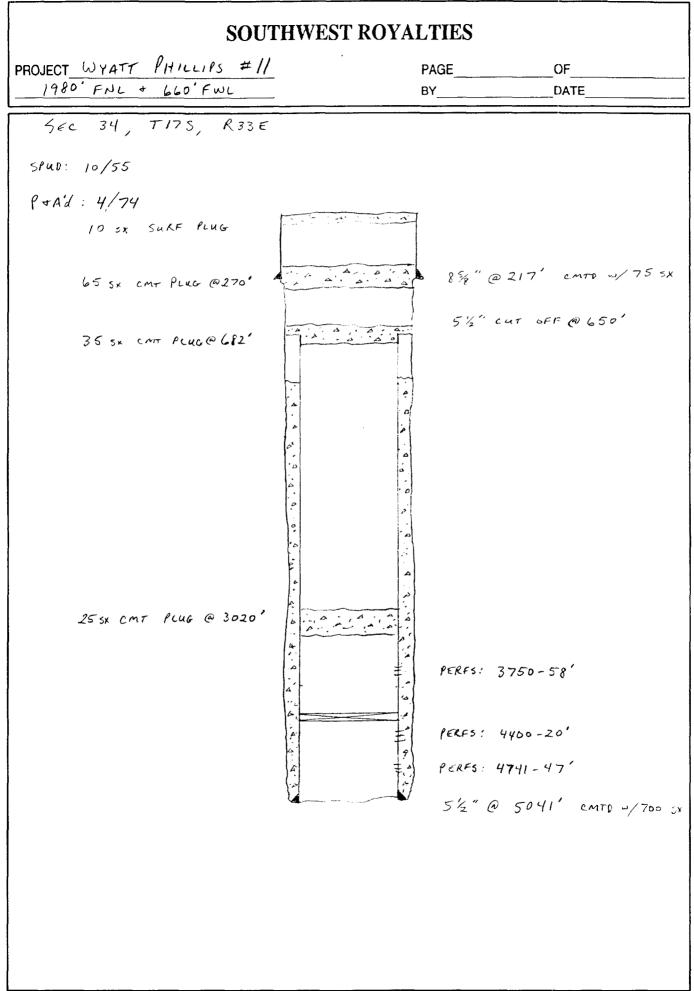
4 ½"

 7/61
 Perf 8658-8700'.

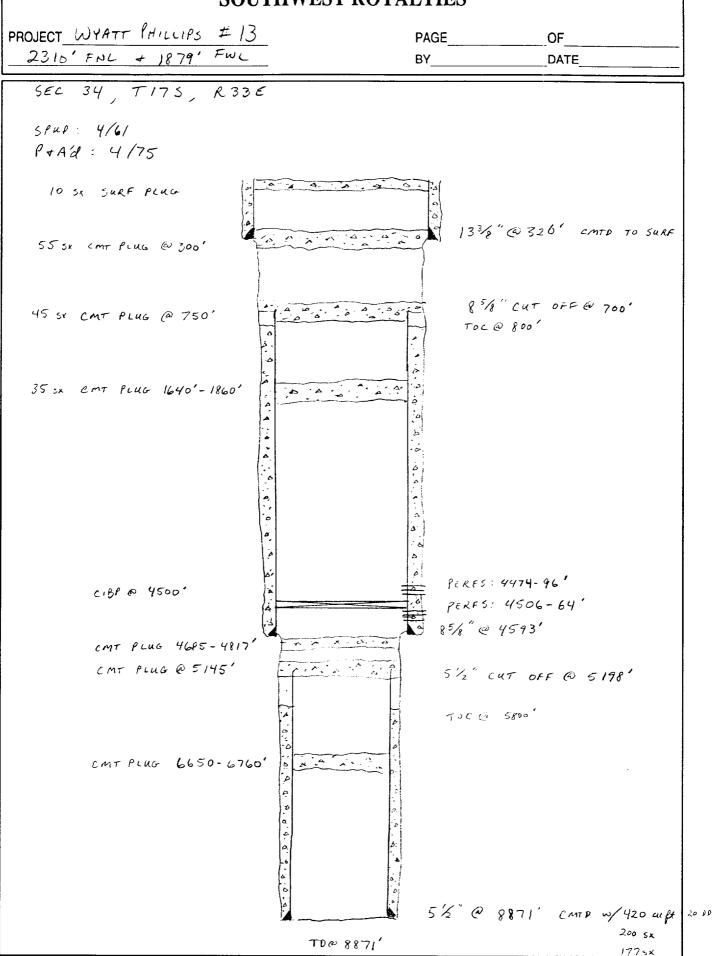
 7/61
 Acidized well w/1000 gal acid. Put well on pump.

9014'

Location: 2310' FSL & 2310' FEL Sec 34, T17S, R33E Type: Oil Date Drilled: 11/54 Type: Oil Total Depth: 3848' Casing Record: Size Depth $85/8"$ 1480' 50 7" 3848' 100 Completion: 4/55 Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Sec 34, T17S, R33E Date Drilled: 10/60 Total Depth: 387'' 340 Type: Oil Total Depth: Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 ½' 8877' 1200 Completion: 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Sacks Cement 13 3/8" 292' Casing Record: Size Depth Sacks Cement 13 3/8" 292' 350 450 Size Depth Sacks Cement 13 3/8" 13 3/8"<	Cockburn Fed	#6		
Type: Oil Date Drilled: 11/54 Total Depth: 3848' Casing Record: Size Depth $85/8^{\circ}$ 1480' 50 7'' $7''$ 3848' 100 Completion: 4/55 Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Location: 1750' FSL & 1650' FWL Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: 8877' Casing Record: Size Depth Sacks Cement 13 3/8'' 312' 340 8 5/8'' 4215' 1680 4 $1/2''$ 8877' 1200 Completion: 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Sacks Cement 13 3/8'' 292' 350 45/8' 13 3/8'' 292' 350				Sec 34, T17S, R33E
Total Depth: 3848' Total Depth: 3848' Size Depth Sacks Cement $\$5/8"$ 1480' 50 $7''$ 3848' 100 Completion: $4/55$ Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Date Drilled: 10/60 Type: Oil Sec 34, T17S, R33E Size Depth Size Depth Size Depth 3/8" 312' 340 8 5/8" 4 $1/2$ " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Type: Oil Sec 35, T17S, R33E Total Depth: 9000' Casing Record: Sacks Cement 313/8" 292' 350				Date Drilled: 11/54
Casing Record: Depth Sacks Cement $85/8"$ 1480' 50 $7"$ 3848' 100 Completion: 4/55 Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Sec 34, T17S, R33E Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Sec 34, T17S, R33E Casing Record: Size Depth Size Depth Sacks Cement 13 3/8" 312' 340 8 5/8'' 4215' 1680 4 V_2'' 8877' 1200 Completion: Sec 35, T17S, R33E Date Drilled: 5/78 11/60 Perf 8706-8730'. 1200 Completion: 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Sacks Cement 33/8" Casing Record: Size Depth Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 Completion: 35	1)po: on			Total Depth: 3848'
Size Depth Sacks Cement $85/8^{\circ}$ 1480' 50 7'' 3848' 100 Completion: 4/55 Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Location: 1750' FSL & 1650' FWL Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Depth Sacks Cement 13 3/8'' 312' 340 8 5/8'' 4215' 1680 4 ½'' 8877' 1200 Completion: 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Size Depth Sec 35, T17S, R33E Casing Record: Size Depth Sec 35, T17S, R33E Type: Oil Sec 35, T17S, R33E Date Drilled: 5/78 Total Depth: 900' Casing Record: Size Size Depth Sacks Cement 350 13 3/8'' 292' 350 350 8 5/8'' 2780' 1200 485	Casing Record			I
8 5/8" 1480' 50 7" 3848' 100 Completion: 4/55 Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: Sacks Cement 13 3/8" 312' 13 3/8" 312' 340 340 8 5/8" 4215' 1680 4/2" 8 5/8" 4215' 1680 4/2" 1/60 Perf 8706-8730'. 1200 1200 Completion: 11/60 Acidized well w/500 gal acid. Put well on pump. Sec 35, T17S, R33E Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Sacks Cement 350 13 3/8" 292' 350 350 8 5/8" 2780' 1200 4/2" Corbin '35' State #1 Sacks Cement 350 350 Location: 2310' FNL & 330' FWL Sacks Cement 350 350 <td>•</td> <td></td> <td>Denth</td> <td>Sacks Cement</td>	•		Denth	Sacks Cement
7'' $3848'$ 100 Completion: $4/55$ Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Sec 34, T17S, R33E Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 100 Casing Record: Size Depth Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 ½" 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Sec 35, T17S, R33E Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Sacks Cement 13 3/8" 230' FWL Sec 35, T17S, R33E Date Drilled: 5/78 Type: Oil Size Depth Sacks Cement 13 3/8" 292' 350 350 8 5/8" 2780' 1200 4/52' 4 ½" 4100' 485 200 Completion: 6/78 Perf 3856-3877'. 1200 6/78 Per			-	
Completion: 4/55 Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Sec 34, T17S, R33E Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: 8877' Sacks Cement 340 13 3/8" 312' 340 340 8 5/8" 4215' 1680 41/2" 340 Completion: 11/60 Perf 8706-8730'. 1200 1200 Completion: 11/60 Acidized well w/500 gal acid. Put well on pump. Sec 35, T17S, R33E Corbin '35' State #1 Sec 35, T17S, R33E Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 Completion: 1200 4/2" 4/2" 4100' 485 Completion: 6/78 Perf 3856-3877'.				-
$4/55$ Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Sec 34, T17S, R33E Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: 8877' Depth Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 V_2 " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 Perf 8706-8730'. 1200 Corbin '35' State #1 Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 Completion: 1200 4/2" 4/2" 4100' 485 Completion: 6/78 Perf 3856-3877'.	1		5646	100
$4/55$ Perf 3815-3848'. Acidized w/10000 gal. Denius Fed #5 Sec 34, T17S, R33E Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: 8877' Depth Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 V_2 " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 Perf 8706-8730'. 1200 Corbin '35' State #1 Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 Completion: 1200 4/2" 4/2" 4100' 485 Completion: 6/78 Perf 3856-3877'.	Completion			
Denius Fed #5 Sec 34, T17S, R33E Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Type: Oil Total Depth: 8877' Casing Record: Size Depth Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 V_2 " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 Perf 8706-8730'. 1200 Corbin '35' State #1 Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Size Depth Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 Casing Record: Sacks Cement 350 Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 4 V_2 " 4100' 485 Completion: 6/78 Perf 3856-387		D. 2015 2040' A	idized w/10000 col	
Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: 8877' 340 85/7' Casing Record: Sacks Cement 340 340 8 5/8" 4215' 1680 4/2" 8 5/8" 4215' 1680 1200 Completion: 11/60 Perf 8706-8730'. 1200 Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Sec 35, T17S, R33E Casing Record: Size Depth Sacks Cement 13 3/8" 292' 350 South 900' Casing Record: Size Depth Sacks Cement 13 3/8" 292' 350 350 8 5/8" 2780' 1200 485 Completion: 6/78 Perf 3856-3877'. Hoo'	4/55	Peri 3813-3848, Ac	luizeu w/10000 gai.	
Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: 8877' Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 V_2 " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 1200 Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Sacks Cement 33/8" 13 3/8" 292' 350 Socks Cement 13 3/8" 2780' 1200 485 Completion: 6/78 Perf 3856-3877'. 100'				
Location: 1750' FSL & 1650' FWL Sec 34, T17S, R33E Type: Oil Date Drilled: 10/60 Total Depth: 8877' Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 V_2 " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 1200 Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Sacks Cement 33/8" 13 3/8" 292' 350 Socks Cement 13 3/8" 2780' 1200 485 Completion: 6/78 Perf 3856-3877'. 100'	Danius Fod #5			
Type: Oil Date Drilled: 10/60 Total Depth: 8877' Casing Record: Sacks Cement 13 3/8" 312' 8 5/8" 4215' 1680 $4^{1}/2^{2}$ 8877' 1200 Completion: 11/60 11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Type: Oil Sec 35, T17S, R33E Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Size Depth Sacks Cement 13 3/8" 13 3/8" 292' 350 8 5/8" 2780' 1200 4 1/2" 4100' 485 Completion: 6/78 Perf 3856-3877'.				Sec 34 T17S R33E
Total Depth: 8877' Total Depth: 8877' Casing Record: Size Depth Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 $\frac{1}{2}$ " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Type: Oil Sec 35, T17S, R33E Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Sacks Cement 13 3/8" 13 3/8" 292' 350 8 5/8" 4 $\frac{1}{2}$ " 4100' 4 85 Completion: 6/78 Perf 3856-3877'.		J FSL & 1050 FWL	, ,	,
Casing Record: Depth Sacks Cement 13 3/8" 312' 340 13 3/8" 312' 340 8 5/8" 4215' 1680 4 $\frac{1}{2}$ " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 11/60 Acidized well w/500 gal acid. Put well on pump. Sec 35, T17S, R33E Corbin '35' State #1 Sec 35, T17S, R33E Date Drilled: 5/78 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Casing Record: Size Depth Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 4 $\frac{1}{2}$ " 4100' 485 Completion: 6/78 Perf 3856-3877'.	Type. On			
Size Depth Sacks Cement 13 3/8" 312' 340 8 5/8" 4215' 1680 4 $\frac{1}{2}$ " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 11/60 Acidized well w/500 gal acid. Put well on pump. Sec 35, T17S, R33E Corbin '35' State #1 Sec 35, T17S, R33E Date Drilled: 5/78 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Casing Record: Size Depth Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 4 $\frac{1}{2}$ " 4100' 485 Completion: 6/78 Perf 3856-3877'.	O 's Decend			Total Depth. 8877
13 3/8" 312' 340 8 5/8" 4215' 1680 4 $\frac{1}{2}$ " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 11/60 Acidized well w/500 gal acid. Put well on pump. Sec 35, T17S, R33E Corbin '35' State #1 Sec 35, T17S, R33E Date Drilled: 5/78 Type: Oil Sec 35, T17S, R33E Date Drilled: 5/78 Casing Record: Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 4 $\frac{1}{2}$ " 4100' 485 Completion: 6/78 Perf 3856-3877'.	-	•	Donth	Sacks Coment
85/8" $4215'$ 1680 $4'/2"$ $8877'$ 1200 Completion: $11/60$ Perf 8706-8730'. $11/60$ Acidized well w/500 gal acid. Put well on pump. Note: Sec 35, T17S, R33E Corbin '35' State #1 Sec 35, T17S, R33E Location: $2310'$ FNL & $330'$ FWL Sec 35, T17S, R33E Type: Oil Date Drilled: $5/78$ Total Depth: 9000' Casing Record: Size Depth Size Depth Sacks Cement 13 3/8" 292' 350 $4100'$ 485 Completion: $6/78$ Perf 3856-3877'.			-	
$4 \frac{1}{2}$ " 8877' 1200 Completion: 11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Sec 35, T17S, R33E Type: Oil Sacks Cement 13 3/8" 292' 350 350 8 5/8" 2780' 4 $\frac{1}{2}$ " 4100' Completion: 6/78				
Completion: 11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Date Drilled: 5/78 Type: Oil Casing Record: Sec 35, T17S, R33E Size Depth 13 3/8" 292' 350 350 8 5/8" 2780' 4 1/2" 4100' 485 Completion: 6/78 Perf 3856-3877'.				
11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Sec 35, T17S, R33E Casing Record: Depth Size Depth 13 3/8" 292' 350 350 8 5/8" 2780' 4 $\frac{1}{2}$ " 4100' Completion: 6/78 Perf 3856-3877'.	4 1/2"		8877	1200
11/60 Perf 8706-8730'. 11/60 Acidized well w/500 gal acid. Put well on pump. Corbin '35' State #1 Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Sec 35, T17S, R33E Casing Record: Depth Size Depth 13 3/8" 292' 350 350 8 5/8" 2780' 4 $\frac{1}{2}$ " 4100' Completion: 6/78 Perf 3856-3877'.				
11/60Acidized well w/500 gal acid. Put well on pump.Corbin '35' State #1Sec 35, T17S, R33ELocation: 2310' FNL & 330' FWLSec 35, T17S, R33EType: OilDate Drilled: $5/78$ Total Depth: 9000'Casing Record: Size $13 3/8"$ $8 5/8"$ $4 \frac{1}{2}"$ Sec 35, T17S, R33E Date Drilled: $5/78$ Total Depth: 9000'Completion: $6/78$ Perf 3856-3877'.	-	D 6050(0520)		
Corbin '35' State #1 Sec 35, T17S, R33E Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: $5/78$ Casing Record: Size Size Depth 13 $3/8$ " 292' 8 $5/8$ " 2780' 4 $\frac{1}{2}$ " 4100' Completion: $6/78$ Perf 3856-3877'.			1 1 D 1 11	
Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Total Depth: 9000' Casing Record: Sacks Cement 13 3/8'' 292' 8 5/8'' 2780' 4 ½'' 4100' Completion: 6/78 6/78 Perf 3856-3877'.	11/60	Acidized well w/500	gal acid. Put well on pump.	
Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Total Depth: 9000' Casing Record: Sacks Cement 13 3/8'' 292' 8 5/8'' 2780' 4 ½'' 4100' Completion: 6/78 6/78 Perf 3856-3877'.				
Location: 2310' FNL & 330' FWL Sec 35, T17S, R33E Type: Oil Date Drilled: 5/78 Total Depth: 9000' Total Depth: 9000' Casing Record: Sacks Cement 13 3/8'' 292' 8 5/8'' 2780' 4 ½'' 4100' Completion: 6/78 6/78 Perf 3856-3877'.		4 4 111		
Type: Oil Date Drilled: 5/78 Type: Oil Date Drilled: 5/78 Casing Record: Size 13 3/8" 292' 8 5/8" 2780' 4 ½" 4100' Completion: 6/78 Perf 3856-3877'.				Cas 25 T178 D22E
Total Depth: 9000' Casing Record: Depth Sacks Cement 13 $3/8$ " 292' 350 8 $5/8$ " 2780' 1200 4 $\frac{1}{2}$ " 4100' 485 Completion: Perf 3856-3877'. Description		U FNL & 330 FWL		
Casing Record: Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 4 ½" 4100' 485 Completion: 6/78 Perf 3856-3877'.	Type: Oil			
Size Depth Sacks Cement 13 3/8" 292' 350 8 5/8" 2780' 1200 4 ½" 4100' 485 Completion: 6/78 Perf 3856-3877'.				Total Depth: 9000
$13 3/8"$ $292'$ 350 $8 5/8"$ $2780'$ 1200 $4 \frac{1}{2}"$ $4100'$ 485 Completion: $6/78$ Perf 3856-3877'.				Casta Camont
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c} 4 \frac{1}{2}^{"} \\ 6/78 \\ \hline \\ Perf 3856-3877'. \end{array}$,		
Completion: 6/78 Perf 3856-3877'.				
6/78 Perf 3856-3877'.	4 ¹ /2"		4100'	485
6/78 Perf 3856-3877'.				
6/78 Acidized well w/4500 gal acid. Put well on pump				
	6/78	Acidized well w/450	00 gal acid. Put well on pum	р



SOUTHWEST ROYALTIES



VII. Proposed Operation

This well will be used to inject produced water from other wells in the Maljamar (San Andres/Grayburg) Field via a closed system. The anticipated average injection rate and pressure is 500 BWPD @ 1200 psi. The anticipated maximum rate and pressure is 1000 BWPD @ 1935 psi.

VIII. Geological Data

The produced water will be injected into the San Andres/Grayburg formations from 4325' to 4833'. The San Andres consists of dolomite and the Grayburg consists of sandstone.

No known source of underground drinking water in the area.

VIII. Proposed Stimulation

None anticipated. Well was previously acidized and frac'ed.

- XI. No water wells were observed on a Topographics Survey Map of the area.
- XII. I have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

OFFSET OPERATORS EILLIAMS 34 FEDERAL #14

-

PHILLIPS 4001 PENBROOK ODESSA, TX 79762

.

. OXY USA BOX 50250 MIDLAND, TEXAS 79710

OLSEN 16414 SAN PEDRO, STE 470 SAN ANTONIO, TX 78232

MW OF LOVINGTON BOX 922 LOVINGTON, NM 88260

UNIVERSAL RESOURCES CORP. 5800 CALIFORNIA AVE. ODESSA, TX. 79762

SOUTHWESTERN ENERGY PRODUCTION CO. 5151 SAN FELIPE, STE. 700 HOUSTON, TX. 77056

SURFACE OWNER:

.

GARY CAVINESS CAVINESS CATTLE CO. EAST STAR ROUTE MALJAMAR, NEW MEXICO 88264

AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of_____1

weeks.

1998

Beginning with the issue dated

May 12 1998 and ending with the issue dated

May 12

Publisher Sworn and subscribed to before

me this <u>11th</u> day of

May

_____ 1998

Notary Public.

My Commission expires October 18, 2000 (Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

APPLICATION FOR AUTHORIZATION TO INJECT Southwest Royalties, Inc., PO Box 11390, Midland, TX. 79702 (915) 686-9927, - is seeking approval from the New Mexico Oil Conservation Division to inject in the Eilliams 34 Federal #14, salt water for pressure maintenance located at 1650 FNL & 1980 FEL Sec. 34, T17S, R33E, Lea County, New Mexico. The proposed injection zone is the San Andres/Grayburg formation of the Maljamar Field through perforations from 4325' - 4833'. Southwest Royalties, Inc., intends to inject a maximum of 1,000 BWPD @ 1935 psi. interested parties must file objections or requests for____ hearing with the Oil Conservation Division, PO Box 2088, . Santa Fe, New Mexico, 87501

. · · .

within 15 days.

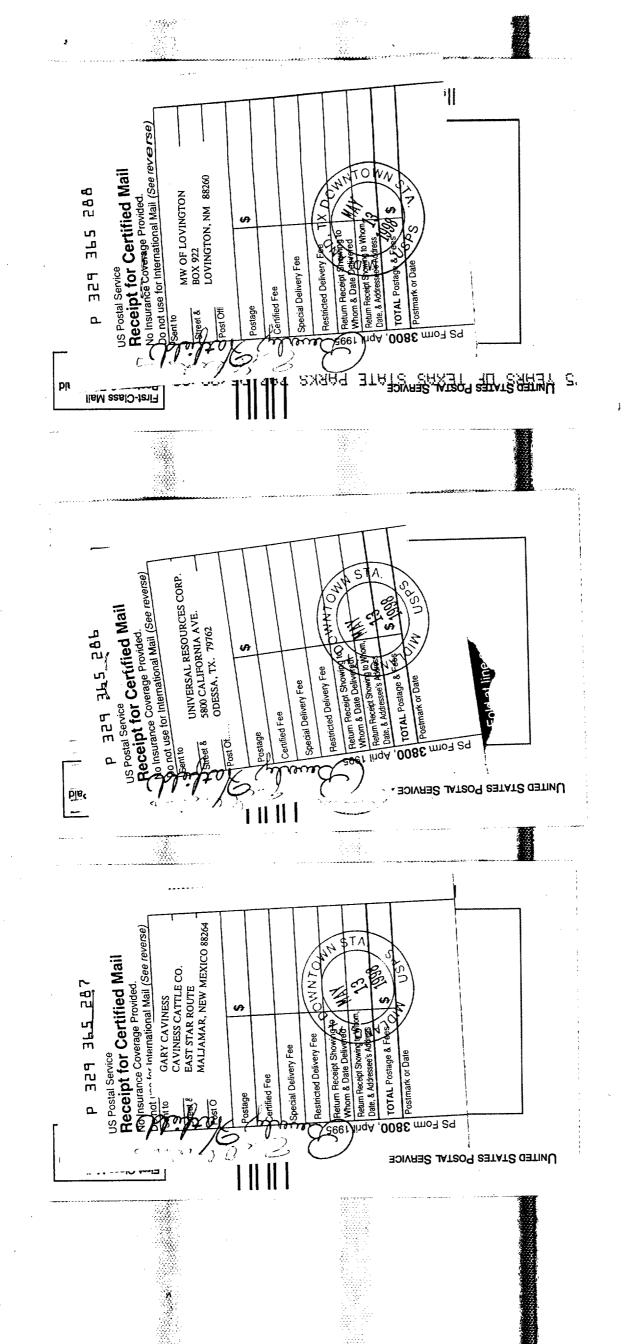
#15935

LEGAL NOTICE

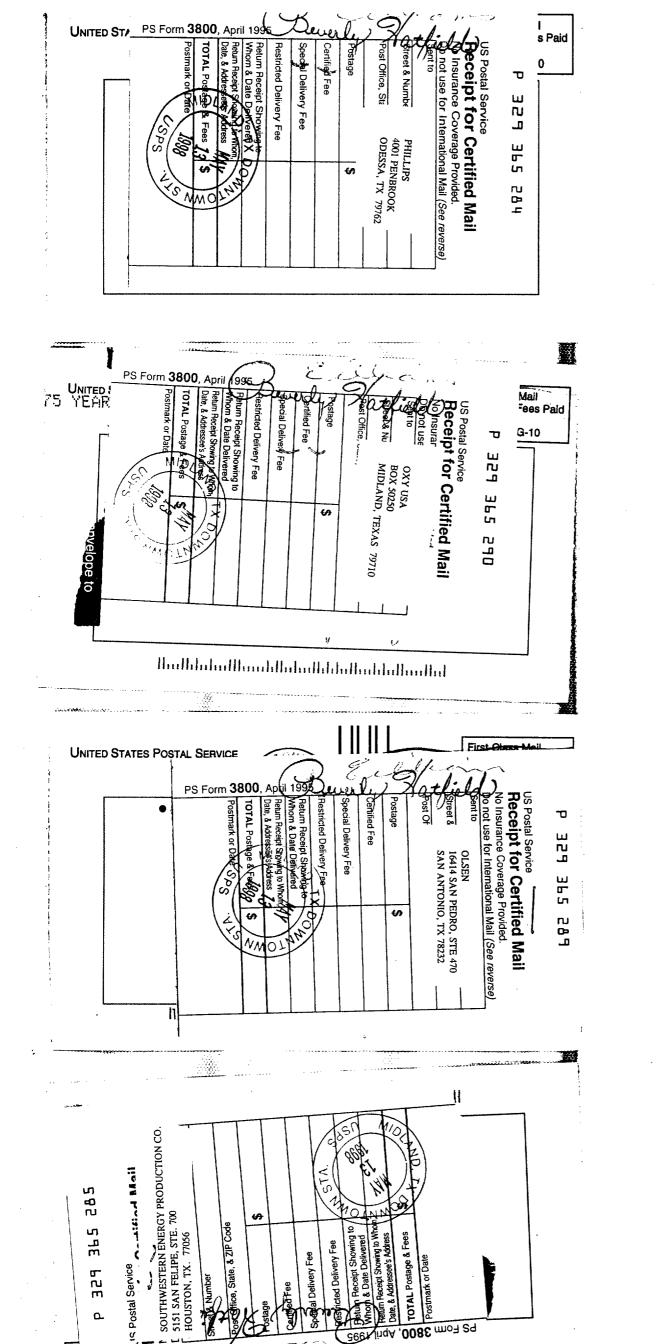
May 12, 1998

01101469000 02515878

Southwest Royalties, Inc. P.O. Box 11390 a/c# 476043 Midland, TX 79702



1-1-1-1-1-1-11271 PS Form 3811, Discember 1994 102695-97-8-0179 Domestic Return Receipt Th)X your nipuli **RETURN ADDRESS** nank \leq (bisq zi eet bas 8. Addressee's Address (Only if requested ίəι eV Inn9) :y8 be ě £u¢7 ğ SISI SAN FELIPE, STE. 700 SISI SAN FELIPE, STE. 700 C Return Receipt for Merchandise Buisn SOUTHWESTERN ENERGY PRODUCTION CO. lisM seergx3 peruzni 🗖 beitineð 过 D Registered completed 4b. Service Type **N** 7.5°r 5 Receipt 4a. Article Number 3. Article Addressed to: 9 Consult postmaster for fee. Write Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date 15e 2. 🗖 Restricted Delivery Ser reverse t. 🗖 Addressee's Address to you: by this form to the front of the malipiece, or on the back if space does not Ecomplete items 1 and/or 2 for additional services.
 Ecomplete items 3, 4a, and 4b.
 Event your name and address on the reverse of this form so that we can a card by ou. :(eef sitxe following services (for an side? t also wish to receive the SENDER: PS Form 3811, December 1994 Domestic Return Receipt 6410-8-26-969201 6 NNO, ∇ X VD **VOUR** :e Signature: 68 o eesse.pp (เนอต์) RETURN $V o_{j}$ 20 5. Received By: อเกลงปละเป็น (คุณยายสามอ pessenber if vinO) sser ð ğ ODESSA, TX. 79762 5800 CALIFORNIA AVE. of for Merchandise
COD Buisn lisM scenqx3 🔲 Denusul 🔲 UNIVERSAL RESOURCES CORP. D Registered 000 beilineO 🔲 Return 4b. Service Type \leq 8 3. Article Addressed to: Receipt Article Number .Bł 9 1 Consult postmaster for fee. 50 I De Herum Hecelpr w ip Requested. So the mailpiece below the super jpt Method same an interest of the seven of the s SIED OUT DUE DOIE erneq ч. 2. D Restricted Delivery Service reverse Complete iten Complete iten card to you. card to you. mAttach this foi maint. ssenbbA s'eessenbbA 🗔 .† to the front of the malipiece, or on the back if space does not :(eef stixe and the reverse of this form so that we can return this side? toilowing services (for an and/or 2 for additional a ent eviecer to receive the **SENDER:** PS Form 3811, December 1994 5 iqiəəəA nutəA sitsəmod erresid onw H Your au615 .9 : dunit F RET Û ועי d 5. Received By: (Print Nam (biaq si eet baa Betseuper it vinO) seebby s'eesenbby if requested nank ADDRESS 815-91-9 TC/ 7. Date of Delivery You ١ Return Receipt for Merchandise MALJAMAR, NEW MEXICO 88264 2 **TUOA AATS TZAA** 001 Express Mail using CAVINESS CATTLE CO. peinsul 🗖 D Registered GARY CAVINESS beiline0 D 4p. Service Type Return 3. Article Addressed to: Č. 5-9 Article Number et the reverse Receipt Service hedmun elains ant woled eceiqlism ant no "betseu arb ant bus benevileb asw elains ant morw or wor M Receipt Consult postmaster for fee. is form to the front of the mailplece, or on the back if space do 2. 🗖 Restricted Delivery of ot p ■ Print your name and address on the reverse of this form so that w ssenbbA s'eessenbbA 🗖 .t ■Print your name a and/or 2 for additional se ■Complete items 3, 4a, and 4b. v side? :(66) sitxe eidi muter neo e SENDER: following services (for an ent eviecer of receive the 217 2 ٢.



SENDER: Complete items 1 and/or 2 for addition Complete items 3, 4a, and 4b. Talso wish to receive the following services (for an extra fee): reverse your name and address on the reverse of this form so that we can return this card to you. =Attach this form to the front of the mailplace, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date 1. D Addressee's Address Servic the 2. C Restricted Delivery 5 Consult postmaster for fee. Receipt 3. Article Addressed to: completed 4a. Article Number 12 284 <u> 379</u> 5 Return 4b. Service Type PHILLIPS 4001 PENBROOK Registered **RETURN ADDRESS** Certified ODESSA, TX 79762 using F Express Mail Insured COD Return Receipt for Merchandise Date of Delivery 5 you 5. Received By: (Print Name) 8. Addressee's Address (Only if requested Thank and fee is paid) 6. Signature: (Addressee or Agent) Your PS Form 3811, December 1994 **Domestic Return Receipt** 102595-97-B-0179 **H**C. SENDER: reverse side? Kin l also wish to receive the Complete items 1 and/or 2 for Complete items 3, 4a, and 4b. following services (for an =Prin card vour name and addr extra fee): Print your name and sources or card to you.
 Attach this form to the front of th permit.
 Write 'Return Receipt Requeste Servic 1. Addressee's Address 2. C Restricted Delivery the d the date The Return I delivered. w to whom the article Consult postmaster for fee. sceipt 5 3. Article Addressed to: 4a. Article Number **RETURN ADDRESS** completed \supset 32 9 Return 4b. Service Type Registered Certified OXY USA using BOX 50250 Express Mail Insured MIDLAND, TEXAS 79710 COD Return Receipt for Merchandise ٥ 7. Date of Delivery Non 5. Received By: (Print Name) 8. Addressee's Address (Only If requested Thank and fee is paid) VOUL 6. Signature. (Addressee Of 10 11 - 41 102595-97-B-0179 Domestic Return Receipt PS Form 3811, December 1994 SENDER: Complete items 1 and/or 2 for ad Complete items 3, 4a, and 4b. Print your name and address on and the address on side? I also wish to receive the Ľε .0 l following services (for an se of this form so that we can return this extra fee): card to you. Attach this form to the front of the rever 1. D Addressee's Address Servic or on the back if space do permit. Write "Return Receipt Requested" on the mallpiece below the article number 2. C Restricted Delivery ŧ The Return Receipt delivered. will show to wi m the article as delivered and the date <u>ceipt</u> Consult postmaster for fee. 5 4a. Article Number インろン 3. Article Addressed to: npleted E 4b. Service Type using Ret OLSEN ADDRESS c Registered Certified 16414 SAN PEDRO, STE 470 Express Mail Insured SAN ANTONIO, TX 78232 Return Receipt for Merchandise COD <u>6</u> 7. Date of Delivery 100 MAY 1 5 1898 JRN 8. Addressee's Address (Only if requested 5. Received By: (Print Name) Thank and fee is paid) 6. Signature: (Addressee or A X omer Ċ **Domestic Return Receipt** PS Form 3811, December 1994 102595-97-B-0179 11 SOUTHWESTERN ENERGY PRODUCTION CO licht Laising ŋ -0 10 200 State, & ZIP Code ப SAN FELIPE, STE. HOUSTON, TX. 77056 ль. Пр TOTAL Postage & Fees ۴, Showin Delivery Fee fied Delivery Postal Service 9 9 9 9 9 J & Date ۵ 5151 Date. PS Form 3800 U