Southwest Royalties, Inc. Wells in Area of Review **Application for Authorization to Inject** Flying M Unit #1A-7

Flying M Unit #1A-5

Location: 1980' FSL & 1983' FEL

Type: Injection

Sec 29, T9S, R33E

Date Drilled: 4/66

Total Depth: 4485'

Casing Record:

Size 8 5/8" 4 1/2"

Depth 255'

4485'

Sacks Cement

200 227

Completion:

4/66

Perf 4350-75'. Acidized w/11,000 gal acid. Put well on pump.

9/67

Add perfs 4379-4403'. Acidized w/7000 gal acid.

2/76

Converted to injection.

lying M Unit #1A-6 74702

ocation: 1980' FNL & 1980' FEL

ype: Oil

Sec 29, T9S, R33E

Date Drilled: 4/74 Total Depth: 4450'

Casing Record:

Size 8 5/8" 4 1/2"

Depth 366' 4450'

Sacks Cement

300 250

Completion:

4/74

Perf 4361-4412'.

4/74

Acidized well w/43,020# 16/30 gal. Put well on pump.

Flying M Unit #24-1

Location: 1980' FSL & 1980' FWL

Sec 29, T9S, R33E

Type: Oil

24692

Date Drilled: 3/74 Total Depth: 4450'

Casing Record:

Size

Depth

Sacks Cement

8 5/8" 4 1/2"

404' 4450' 300 250

Completion:

4/74

Perf 4346-84'.

4/74

Acidized well w/43,020# 16/30 gal. Put well on pump.

Southwest Royalties, Inc. Wells in Area of Review Application for Authorization to Inject Flying M Unit #1A-7

Flying M Unit #24-2

Location: 794' FSL & 1857' FWL

Type: Oil

22192

Sec 29, T9S, R33E

Date Drilled: 7/67

Total Depth: 4459'

Casing Record:

Size Depth 8 5/8" 279' 4 ½" 4459'

Sacks Cement

200 250

Completion:

8/67

Perf 4367-4406'.

8/67

Acidized well. Put well on pump.

Flying M Unit #34-2

Location: 660' FSL & 660' FWL

Type: Oil

29488

Sec 29, T9S, R33E

Date Drilled: 12/85

Total Depth: 4404'

Casing Record:

Size Depth 8 5/8" 1790' 5 ½" 4404'

Sacks Cement

700 775

Completion:

12/85

Perf 4333-81'.

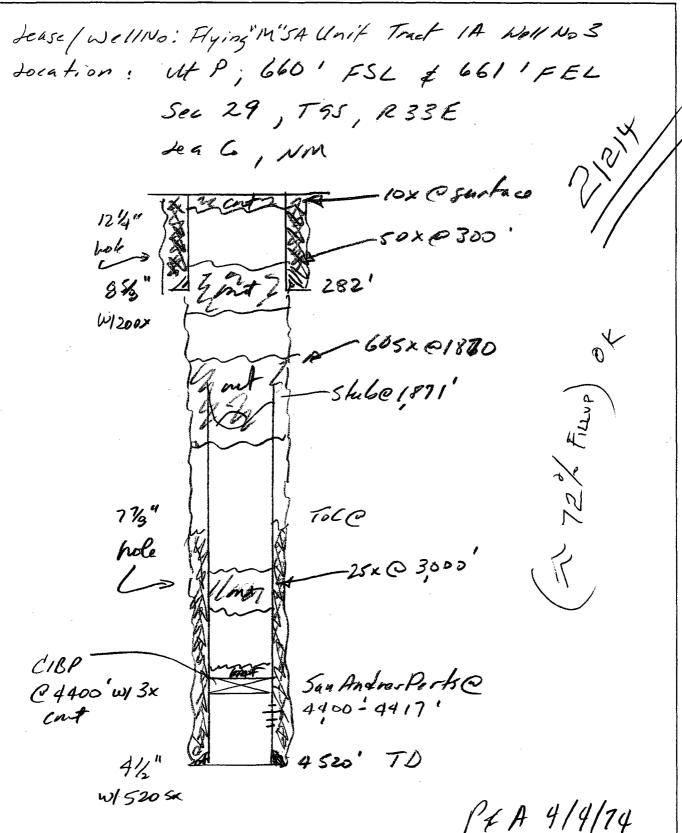
12/85

Acidized well w/9000 gal gelled acid. Put well on pump.

2/86

Frac'ed well w/51,000# sand.

SOUTHWEST ROYALTIES PROJECT FMSAU * /A-7 WIW PIRMIT PAGE OF OF PAGE OF REVIOW BY CNB DATE 07/23/03



Form 9-331 (May 1963)

UNITED STATES SUBMIT IN TRIPLICATES

Form approved. Budget Bureau No. 42-R1424.

RTMEN)F THE INTERIOR (Other Instructions F		RTMEN)F	THE	INTERIOR	verse side)	Æ
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DEPAR	5. LEASE DESIGNATION AND SERIAL NO.			
	DTICES AND REPORTS posals to drill or to deepen or plug iCATION FOR PERMIT—" for such		6. IF INDIAN, ALLOTTER	OR TRIBE NAME
1. OIL GAS WELL OTHER	Water Injection We	u	7. UNIT AGREEMENT NA Plying 'M** (SA 8. FARM OR LEASE NAM	-
2. NAME OF OPERATOR COASTAL STATES CAS P 3. ADDRESS OF OPERATOR	roducing Company		Plying 'H' (SA	
P. O. Box 235 Midla 4. LOCATION OF WELL (Report location See also space 17 below.) At surface Unit Letter P, 660	n clearly and in accordance with ar	ny State requirements.*	10. FIELD AND POOL, OF	SA) BLE. AND
14. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	Sec. 29. T-9- 12. COUNTY OR PARISH	18. STATE
	4301 GR		Lea	N. Mex.
16. Check	Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data	
NOTICE OF INT	TENTION TO:	SUBSEC	QUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	ARING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONME	NT*
REPAIR WELL	CHANGE PLANS	(Other)		
(Other)		(Note: Report result Completion or Recom	s of multiple completion pletion Report and Log for	on Well rm.)
17. DESCRIBE PROPOSED OR COMPLETED	OPERATIONS (Clearly state all pertin	ent details, and give pertinent date	s, including estimated dat	e of starting an

proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pert nent to this work.)*

4-1-74 - 4-4-74

- 1. Set Baker CIBP plus 3 sxs. cmt. @ 4400'. 12 hr. WOC.
- Cut & pull 1871' 4-1/2" csg.
 Set 25 sx. plug @ 3000'.
- 4. Set 60 ax. plug @ 1870'.
- 5. Set 50 sx. plug @ 300'.
- 6. Set 10 sx. plug @ surface.

18. I hereby certify that the diagoing is true and coffect SIGNED	TITLE Dist. Prod. Manager	DATE June 26, 1974
(This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	APPROV	PATE CANS

*See Instructions on Reverse Side SET R. BROWN ARTHUR R. BROWN ARTHUR R. BROWNERR

TRICT ENGINEER

SOUTHWEST ROYALTIES

PROJECT FMSAU # 14-7 WIW Permit	PAGE	OF	
PARID Wells is Ares of Review	BY CMB	DATE 07/23/	33

Jease/ WellNo: Flying M'SA Unit Tract 14 NOIL No 8 Location: Ut I; 1980 ' FSL & GCO ' FEL Sec 29 , TGS , R33E sea G, NM 135x contained lated -perf@365's W350x - perfo 1870 setretainere 1770' 459 werzed WI 755x -perte 2450' Setretine-@2350 # 5g7 'sd wy 75x TOLO - 105x on relainer Contratainer -sox below refainer @ 3250' Mud San Andres Ports @ 4378'- 4435' PAAL 2/5/85 4490 TD W/ 2SOX

Form 9-331

MY OIL COMMISSION

Form Approved.
Rudget Bureau No. 42-R142

Dec. 1973	UNITED STATES	. Budget Burger 110. 42-1142
	TARTERON TO THE	5. LEASE
	DEPARTMENT OF THE INTERIOR 10	NM 058102
	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUND	ORY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use	this form for proposals to drill or to deepen or plug back to a different e Form 9-331-C for such proposals.)	Flying "M" (SA) Unit /F, /A
	Troini 3-331-C for secti proposass,	8. FARM OR LEASE NAME
I. Oil well	図 gas □ other	9. WELL NO.
2. NAME	OF OPERATOR	8
Coast	al Oil & Gas Corporation	10. FIELD OR WILDCAT NAME
	ESS OF OPERATOR	Flying "M" (SA)
	Box 235 Midland, Texas 79702	11. SEC., T., R., M., OR BLK. AND SURVEY (
4. LOCAT	TION OF WELL (REPORT LOCATION CLEARLY. See space 17	29, T-9-S, R-33-E
•	RFACE: 1980' FSL & 660' FEL	12. COUNTY OR PARISH 13. STATE
	P PROD. INTERVAL:	Lea NM
	TAL DEPTH:	14. API NO.
-	C APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	VA
KEPUR	RT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND W
REQUEST	FOR APPROVAL TO: SUBSEQUENT REPORT OF:	4307. 9 GR
TEST WAT	ER SHUT-OFF	
FRACTURE		
SHOOT OF REPAIR W		(NOTE: Report results of multiple completion or z
	ALTER CASING	change on Form 9-330.)
-	COMPLETE [] []	
CHANGE Z		
(other)		
17. DESCI	RIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	te all pertinent details, and give pertinent dat
includ measi	ing estimated date of starting any proposed work. If well is cured and true vertical depths for all markers and zones pertine	lirectionally drilled, give subsurface locations a nt to this work.)*
2-3-85	MIRU Well Servicing Unit.	- F PDG 25 W/ 1 PCOW PW
2-4-85	GIH with tubing. Circulated hole with 9 cmt retainer and TIH. Set retainer at 3	
	below ret. Placed 10 sacks Class "C" on	
	WL truck. Perforated casing at 2450', 1	870' and 365' (4 holes each
	depth). PU retainer and TIH. Set retai	ner at 2350' and squeezed 75
	sacks Class "C" below retainer. POOH wi	
2-5-85	PU retainer and TIH. Set retainer at 17	70' and squeezed 75 sacks
	Class "C" below retainer. POOH. Cut cs	g off & weld on swage. Pump
	135 sacks Class "C" thru perfs at 365'. marker.	Cmt circ. Installed P & A
	mat ret .	
Subsurfac	e Safety Valve: Manu. and Type	Set @
		00.0
	by certify that the foregoing is true and correct	
SIGNED	B. L. Smith Smith TITLE Petroleum En	g DATE February 11, 1985
	Orig: Sad. Cha las S. for this space for Federal or State of	ffice use)
APPROVED CONDITION	BY TITLEREN MANAGEN S OF APPROVAL, IF ANY: DARLEBAD RESOURCE A	DATE 2-28-85
		8-21 19

SOUTHWEST ROYALTIES PROJECT FMSAU # 14-7WIW PIRMIT PAGE OF PAGE OF DATE 07/23/03 Jease/ WellNo: Flying"M"SA Unit Tract Wall No Location: Ut B; 660' FNL & 1983' FEL Sec 32, T95, R33E sea G, NM 10gx @ Surface -505K@302' 25/3° 2/07 268' 85x@2054 -Sheb 2059' 1060 CIBP San Andres Ports @ (04300'W3x 4384'- 4396' 4492 TD PAAred

4/1/74

PG-10

·	•	
NO. OF COPIES RECEIVED	•	Form C-103
DISTRIBUTION		Supersedes Old
SANTA FE NEW MEXICO OIL	CONSERVATION COMMISSION	C-102 and C-103 Effective 1-1-65
FILE		
U.S.G.S.		5a, Indicate Type of Lease
LAND OFFICE		State X Fee
OPERATOR		5, State Oil & Gas Lease No.
		E 7481
SUNDRY NOTICES AND REPORT (GO NOT USE THIS FORM FOR PROPOSALS TO CHILL OR TO DELPEN O USE "APPLICATION FOR PERMIT" (FORM C-101)	IS ON WELLS I PLUG BACK TO A DIFFERENT RESERVOIR. FOR SUCH PROPOSALS.]	
1.		7. Unit Agreement Name
WELL GAS WELL OTHER. Water Injec	tion Well	Flying "M" (SA) Unit T
Coastal States Gas Producing Compan	7	
. Address of Operator		9. Well No.
P. O. Box 235, Midland, Texas		1
1. Location of Well		10. Field and Pool, or Wildcat
UNIT LEFTER B , 660 FEET FROM THE	north LINE AND 1983 FEET	FROM Plving "M" (SA)
THE <u>east</u> LINE, SECTION 32 TOWNSHIP	9-SRANGE 33-E	NMPM.
15. Elevation (Show	thether DF, RT, GR, etc.)	12. County
4305 GR		Lea
TEMPORARILY ABANDON PULL OR ALTER CASING CHANGE PLANS OTHER	CASING TEST AND CEMENT JQB	PLUG AND ABANDONMENT
17. Describe Proposed or Completed Operations (Clearly state all pertinuous) SEE RULE 1103.	ent details, and give pertinent dates, incl	uding estimated date of starting any propos
3-28-74 - 4-1-74		
1. Set Baker CIBP w/3 sx. cmt. @ 4		
2. Cut & pull 2059 of 4-1/2" cast	ng.	
3. Set 85 ax. plug @ 2054'.		
4. Set 50 sx. plug @ 300'.		
5. Set 10 sx. plug @ surface.		
		•
19, I hereby certify that the information above is true and complete to ti	e best of my knowledge and belief.	
STUNED DE LA PLACE TITLE	E Dist. Prod. Manager	DATE June 26, 1974
TITI	- WYAL'S STANSON	DATE DUME AU 17/4

Southwest Royalties, Inc. Wells in Area of Review Application for Authorization to Inject Flying M Unit #27-1

Flying M Unit #25-2

Location: 1840' FNL & 1840' FWL

Type: Injection

Casing Record:

Size 8 5/8" 4 ½" Depth 264' 4575'

21212

Sec 28, T9S, R33E

Date Drilled: 4/65

Total Depth: 4575

Sacks Cement 200

250

Completion:

5/65

Perf 4467-4495'. Acidized w/11,000 gal acid. Put well on pump.

11/67

Add perfs 4503-15'. Acidized well w/6000 gal acid.

2/70

Converted to injection.

Flying M Unit #25-3

Location: 1980' FSL & 661' FWL

Type: Injection

2,217

Sec 28, T9S, R33E

Date Drilled: 1/65

Total Depth: 4529'

Casing Record:

Size 8 5/8"

4 1/2"

Depth 260' 4529'

Sacks Cement

200 200

Completion:

6/65

Perf 4460-68'. Acidized well w/1000 gal acid.

1/73

Converted to injection.

10/84

Add perfs 4430-70'. Acidized w/3000 gal acid.

Wells in Area of Review **Application for Authorization to Inject** Flying M Unit #27-1

Flying M Unit #25-4

Location: 850' FSL & 1987' FWL

Type: TA'ed

Sec 28, T9S, R33E Date Drilled: 6/67

Total Depth: 4573' cement 200 277

Casing Record:

Size Depth 8 5/8" 281' 4 1/2" 4573'

Sacks Cement

Completion:

6/67

Perf 4505-22 Acidized well w/3000 gal acid.

10/72 3/94

Add perfs 4476-94 Acidized well w/2100 gal acid Set CIBP @ 4426' . Tested casing to 500 psig

Well TA'ed pending conversion to WIW

Flying M Unit #25-8

Location: 1980' FS & WL

Sec 28, T9S, R33E Date Drilled: 2/98 Total Depth: 4650'

Type: Producer Casing Record:

Size Depth 8 5/8" 426' 5 ½" 4650'

Sacks Cement

310 575

Completion:

2/98

Perf 4469-80 Acidized well w/100 gal acid.

10/72

Add perfs 4484-96 Acidized 4469-4496 w/ 3200 gal acid

Wells in Area of Review **Application for Authorization to Inject** Flying M Unit #27-1

Flying M Unit #27-1

Location: 2120' FE & SL

Type: Producer 24

Casing Record:

Size 8 5/8"

5 ½"

Depth 359'

4580'

Sec 28, T9S, R33E

Date Drilled: 2/67

Total Depth: 4580'

Sacks Cement

225 350

Completion:

2/67

Perf 4498-4530 Acidized well w/750 gal acid.

3/67

Acidized w/ 2000 gal acid

Flying M Unit #27-2

Location: 2120' FEL & 800' FSL

Type: Producer

Casing Record:

Size

8 5/8" 5 ½"

Depth

359' 4600' Sec 28, T9S, R33E

Date Drilled: 4/68

Total Depth: 4600'

Sacks Cement

200

350

Completion:

4/68

Perf 4492-4521 Acidized well w/1000 gal acid.

Flying M Unit #30-7

Location: 550' FNL & 2121.8' FEL

Type: Producer

Sec 33, T9S, R33E

Date Drilled: 10/67

Total Depth: 4580'

Casing Record:

Size

8 5/8"

4 1/2"

Depth

298' 4580' Sacks Cement

200

250

Completion:

10/67 Perf 4528-4559 Acidized well w/5000 gal acid.

SOUTHWEST ROYALTIES	
PROJECT FMSAU #27-1 WIW PIRMIT PAGE 1 OF PARIS Wells is Aros of Review BY CMB DATE 07/23/2	2
PARID Wells is Aros of Review BY [MB DATE 07/23/2	3
Jease / WellNo: Flying"M"SA Unit Tract 29 Noll No 6	
Jocation: Ut L; 472.7' FNL & 1,979' FSL	
Sec 27, TSS, R33E	
Lea G, NM	
12 want 4 34 losx osurface	
11"hole 3000 238-338'	
(1)//	
8 288	
W/200x	
Ship 0/093	
30FA C/094-1,194'	
1 Toco	
7 1/3"	
hole grand	
CIBP 1200 + 4581-4638'	
C4424 W/2 (A)	
1.2	
W1250X PARC 7/22/	49

	UN TO STATES ARTMEN. OF THE INTER GEOLOGICAL SURVEY	18 To 18	Form approved. Budget Bureau No. 42-R1 5. LEASE DESIGNATION AND SERIAL P
	NOTICES AND REPORTS proposals to drill or to deepen or plug PPERCATION FOR PERMIT—" for such		6. IF INDIAN, ALLOTTEE OR TRIBE NA
OIL GAS OT	THER Weter Injection We	11	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Constal States Cas NODERS OF OPERATOR	Producing Company		8. FARM OR LEASE NAME
	liand. Towns 79701		9. WHILE NO.
i. Location of Well (Report for See also space 17 below.) At surface	ation clearly and in accordance with an	IRCERO, MEVA MA	10: FIRED AND POOL, OR WILDCAT
472.7' WWL & 1979' Les County, New Me	FSL, Unit L, Section 2 mice	7, T-9-8, R-33-E,	II. BEU. P., B., M., OR BLM. AND SURVEY OR ARMA
4. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	27. 93. 33E 12. COUNTY OR PARISH 18. STATE
• • •	4310.7 GR		Los Next
6. Che	ck Appropriate Box To Indicate	Nature of Notice, Report, or C	Other Data
NOTICE OF	F INTENTION TO:	зиващо	DNT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	BEPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	of multiple completion on Well
nent to this work.) *	directionally drilled, give subsurface loss and abandoned 7-22		
Plugs were set as 1. Set cast 2. Set 30-sa 3. Set 30-sa 4. Set 10-sa	—	4' with 2 secks on top (top of 4-1/2"). (se of 8-5/8").	
Plugs were set as 1. Set cast 2. Set 30-sa 3. Set 30-sa 4. Set 10-sa	fellows: iron bridge plug at 442 ick plug at 1194-1094' (ick plug at 338-238' (ba ick plug at 13' to surfa	4' with 2 secks on top (top of 4-1/2"). (se of 8-5/8").	
Plugs were set as 1. Set cast 2. Set 30-sa 3. Set 30-sa 4. Set 10-sa	fellows: iron bridge plug at 442 ick plug at 1194-1094' (ick plug at 338-238' (ba ick plug at 13' to surfa	4' with 2 secks on top (top of 4-1/2"). (se of 8-5/8").	
Plugs were set as 1. Set cast 2. Set 30-sa 3. Set 30-sa 4. Set 10-sa	fellows: iron bridge plug at 442 ick plug at 1194-1094' (ick plug at 338-238' (ba ick plug at 13' to surfa idry hole marker.	4' with 2 secks on top (top of 4-1/2"). (se of 8-5/8").	
Plugs were set as 1. Set cast 2. Set 30-sa 3. Set 30-sa 4. Set 10-sa 5. Installed	fellows: iron bridge plug at 442 ick plug at 1194-1094' (ick plug at 338-238' (ba ick plug at 13' to surfa ick plug at 1194-1094' (ick plug at 1194-1094' (ick plug at 13' to surfa ick plug at	4' with 2 secks on top (top of 4-1/2"). (se of 8-5/8").	

007 16 19**69**

VII. Proposed Operation

This well will be used to inject produced water from other wells in the Flying M (SA) Field via a closed system. The anticipated average injection rate and pressure is 500 BWPD per well @ 800 psi. The anticipated maximum rate and pressure is 1000 BWPD per well @ 2100 psi.

VIII. Geological Data

Produced water will be injected into the San Andres dolomite. The injection interval is 4,351' to 4,427' in Tract 1A Well No. 7, and 4,498' to 4,530' in Tract 27 Well No. 1

The source of underground drinking water in the area is the Ogallala formation (base 400').

IX. Proposed Stimulation

We will clean out the wellbore to PBTD. Set Model Lokset packer at ± 50 ° above the top perf and acidize with $\pm 3,000$ gal 20% NEFE acid.

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.

AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a 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		<u>i</u>	
	_		_weeks.
Beginnin	g with	the issue d	ated
	July 2	6	_ 2003
and endir	ng with	the issue	
	July 20	6	_ 2003
Kachi	Bu	ude	
		lisher	
Sworn a	and sub	scribed to	before
me this_	28th		_day of
	July		2002

2003

My Commission expires October 18, 2003 (Seal)

etary Public.

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.

LEGAL NOTICE: July 26, 2003

Southwest Royalties, Inc. intends to convert to water injection service two wells. Flying "M" (SA) Unit Tract 1A Well No. 7 & Tract 27 Well No. 1. The wells are located 659 FS & 1,991' FEL Section 29, Unit Letter O, & 2,120 FE & SL Section 28, Unit J, T9S, R33E in Lea County, New Mexico. Injection will be to provide pressure maintenance in the San Andres formation from 4,351-4,427' & 4,498'-4,530' respectively; at a maximum rate and pressure of 1,200 BWPD and 2,100 PSIG.

If you have any questions concerning this application, please contact the following:

Southwest Royalties, Inc. P.O. Box 11390 Midland, Texas 79702

Attn: C.M. Bloodworth, P.E. Phone: (432) 686-9927

Interested parties must file objections or requests for hearing within 15 days to the following:

The state of

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

#20002

01101469000 67515594 Southwest Royalties, Inc. P.O. Box 11390 Midland, TX 79702