Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised March 25, 1999

CONFIDENTIAL

WELL API NO. 30-025-35442

5. Indicate Type of Lease STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other

7. Lease Name or Unit Agreement Name: **State R**

2. Name of Operator: Devon SFS Operating, Inc.

Well No. **3**

3. Address of Operator: 20 North Broadway, Suite 1500, Oklahoma City, Ok 73102 (405)228-7512

8. Pool name or Wildcat: **Osudo; Morrow Gas**

4. Well Location
Unit Letter **J** : **3350'** Feet From The **North** Line and **2140'** Feet From The **East** Line
Section **1** Township **21S** Range **34E** NMPM **Lea** County

10. Date Spudded	9. Date T.D. Reached	10. Date Compl. (Ready to Prod.)	11. Elevations (DF& RKB, RT, GR, etc.)	12. Elev. Casinghead
3/31/01	6/10/01	7/5/01	3676' GR, 3694' DR, 3695' KB	No

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
13,392'	13,312'	No		X	

19. Producing Interval(s), of this completion - Top, Bottom, Name
13,043' - 13083' - Morrow

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
Compensated Z-Densilog, Compensated Neutron Log GR, Dual Laterolog Mirco Laterolog GR, Digital Acoustilog GR

21. Was Well Cored
No

RECEIVED
HOBBS
OCD

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	1397'	17 1/2"	1160sx 430 to pit	
9 5/8"	40#	5638'	12 1/4"	3030 sx	
7"	26#	12,061	8 3/4"	525sx TOC 8790'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	11742'	13,387'	250sx	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	13,083'	12840'

26. Perforation record (interval, size, and number)
13043' - 13047'
13059' - 13062'
13069' - 13076'
13080' - 13083'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13043' - 13,083'	N/A

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
7/6/01	*Flowing*	*Producing*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil – Bbl	Gas – MCF	Water - Bbl.	Gas - Oil Ratio
7/27/01	24	13/64"		44.27	3336	4.167	75.4/1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas – MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
3000	100		44.27	3336	4.167	*49.2*

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)* **SOLD**

Test Witnessed By **JOE HANDLEY**

30. List Attachments **Deviation Survey, Logs, Multipoint**

31. *I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief*

Signature Karen Cottom

Printed Name Karen Cottom Title Engineering Technician Date 10/17/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy_	T. Canyon__	T. Ojo Alamo_	T. Penn. "B"_
T. Salt___	T. Strawn__**11,894'**	T. Kirtland-Fruitland_____	T. Penn. "C"__
B. Salt___	T. Atoka__**Clastics 12,140'**	T. Pictured Cliffs__	T. Penn. "D"__
T. Yates__	T. Miss____	T. Cliff House__	T. Leadville__
T. 7 Rivers_	T. Devonian__	T. Menefee__	T. Madison__
T. Queen__	T. Silurian___	T. Point Lookout_	T. Elbert__
T. Grayburg__	T. Montoya___	T. Mancos__	T. McCracken__
T. San Andres_	T. Simpson__	T. Gallup__	T. Ignacio Otzte_
T. Glorieta__	T. McKee____	Base Greenhorn__	T. Granite_
T. Paddock__	T. Ellenburger__	T. Dakota__	T_____
T. Blinebry__	T. Gr. Wash___	T. Morrison___	T._____
T.Tubb___	T. Delaware Sand__**5658'**	T.Todilto_____	T_____
T. Drinkard_____	T. Bone Springs__**8076'**	T. Entrada_	T._____
T. Abo_	T.**Morrow Clastics 12,833'**	T. Wingate_	T._____
T. Wolfcamp__**11,438'**	T.**Lower Morrow 13,173'**	T. Chinle___	T._____
T. Penn__	T.	T. Permian__	T._____
T. Cisco (Bough C)_	T.	T. Penn "A"__	T._____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator				Lease or Unit Name			
DEVON ENERGY				STATE "R"			
Type Test: ☑ Initial ☐ Annual ☐ Special				Test Date: 7/25/01		Well No.: 3	
Completion Date		Total Depth		Plug Back TD		Elevation	Unit Ltr - Sec - TWP - Rge: 1 21S 34E
Csg. Size: 4 1/5	Wt.: 13.5	d: 3.92	Set At:	Perforations: From: 13043	To: 13083		County: LEA
Tbg. Size: 2 3/8	Wt.: 4.7	d: 1.995	Set At: 12840	Perforations: From:	To:		Pool:
Type Well-Single-Bradenhead-G.G. or G.O. Multiple: SINGLE				Packer Set At: 12840			Formation: MORROW
Producing Thru: TUBING	Reservoir Temp.°F: 173.8	Mean Annual Temp. °F: 60		Baro. Press.-P_a: 13.2			Connection: SALES

L	H	Gg	%CO_2	%N_2	%H_2S	Prover	Meter Run	Taps
12812	12812	0.604	0.458	0.381	N/A	N/A	4.026	FLG

	FLOW DATA				TUBING DATA		CASING DATA		
No.	Prover Line Size x Orifice Size	Press p.s.i.g.	Diff. h_w	Temp. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.	Temp. °F	Duration of Flow
SI					4020	N/A	PKR	N/A	
1	4.026 X 1.625	655	5.8	95	3625				1 HR
2	4.026 X 1.625	657	15.5	106	3430				1 HR
3	4.026 X 1.625	660	19.7	98	3345				1 HR
4	4.026 X 1.625	661	48.7	64	2810				1 HR
5									

RATE OF FLOW CALCULATIONS

No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor F_g	Super Compress Factor F pv	Rate of Flow Q. Mcfd
1							1073
2	TOTAL	FLOW	METER				1750
3							1937
4							3071
5							

No.	P_r	Temp. °R	T_r	Z
1				
2	TOTAL	FLOW	METER	
3				
4				
5				

Gas Liquid Hydrocarbon Ratio	81.573	Mcf bbl.	
A.P. I. Gravity of Liquid Hydrocarbons	49.2	Deg.	
Specific Gravity Separator Gas	0.64	XXXXXXX	
Specific Gravity Flowing Fluid	XXXXX	G. MIX= .640	
Critical Pressure	674 P.S.I.A.	673 P.S.I.A.	
Critical Temperature	354 R.	368 R	

P_c 4229.6 P_c^2 1788.5

No.	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		3659	13388.3	4501.2
2		3433	11785.3	6104
3		3371.7	11368.4	6521.1
4		2928.8	8577.9	9311.6
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.92 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 1.92

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ 5896.3

Absolute Open Flow	5896.3	Mcfd @ 15.025	Angle of Slope (): 45	Slope n: 1

Remarks: * calculated from known bottom hole pressures. Well made 4 bbls of 49.2 API gravity condensate during test.

Approved By Division:	Conducted By:	Calculated By:	Checked By:
	PRO WELL TESTING	MERV BUECKER	BM

DEVON ENERGY

STATE "R" # 3