

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

CO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil &amp; Gas Lease No.

## SUNDRY NOTICES AND REPORTS ON WELLS

DIST. 3

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)OIL WELL ☐ GAS WELL ☒ OTHER-

Name of Operator

Dakota Resources Incorporated

Address of Operator

2900 Security Life Bldg., Denver, Colorado 80202

Location of Well

UNIT LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROM  
THE West LINE, SECTION 28 TOWNSHIP 17N RANGE 9W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

Sante Fe Pacific 28

9. Well No.

10. Field and Pool, or Wildcat

12. County

McKinley

15. Elevation (Show whether DF, RT, GR, etc.)

7025 GR

6. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐OTHER ☐PLUG AND ABANDON ☐CHANGE PLANS ☐REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING TEST AND CEMENT JOB ☐OTHER ☐ALTERING CASING ☐PLUG AND ABANDONMENT ☐Completion operations ☐

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1-8-83 Moved on location with completion tools.

1-10-83 Ran in hole with tubing.

1-11-83 Tagged cement at 1765'. Drilled on cement.

1-12-83 Drilled out cement to PBTD at 2450'. Circulated hole.

1-13-83 Ran casing scraper to PBTD. Pressure tested casing to 2000 psig.

Held okay. Ran CBL-VDL correlation log. Top cement at 370',  
with free pipe at 480'. Swabbed down through tubing to  
2200'. Perforated 2340-44' with 2 JSPF (total 8 holes).1-14-83 Well producing small amount gas in 30 minutes. Shut-in well.  
Well shut-in after 15 hours with 725 psig on casing. Flowed  
well 4 hours, then blew down. Ran 76 joints 2-3/8", 4.7#,  
J55, EUE 8rd tubing and landed at 2342'. SN one joint off bottom.  
Shut well in.1-15-83 Well shut in with 740 psig on casing and 550 psig on tbg.  
Moved off location with completion tools.

1-24-83 Ran AOF potential test.

10. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED

TITLE Agent

DATE 3-1-83

APPROVED BY

Original Signed by FRANK T. CHAVEZ

TITLE

SUPERVISOR DISTRICT # 3

DATE

MAR 3 - 1983

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
 Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 1-24-83	
Company Dakota Resources, Inc.				Connection		
Pool Undesignated 100				Formation Dakota		Unit
Completion Date		Total Depth		Plug Back TD 2450	Elevation 7025 GL	Farm or Lease Name Santa Fe Pacific 28
Csg. Size 5.5	Wt. 15.5	d	Set At 2483	Perforations: From 2340 To 2344		Well No. 1003
Tbg. Size 2.375	Wt. 4.7	d	Set At 2342	Perforations: From To		Unit Sec. Twp. Rge. N 28 17N 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas					Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P <sub>a</sub> 12.0
L	H	Gg	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S	Prover CFP
Meter Run		Taps				
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F
1.	2" x 3/4"					
2.						
3.						
4.						
5.						
RATE OF FLOW CALCULATIONS						
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor F <sub>t</sub>	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>
1.	9.453		90	1.000	1.240	1.000
2.						
3.						
4.						
5.						
NO.	P <sub>t</sub>	Temp. °R	T <sub>f</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R	
1.					OIL CON. DIV. DIST. 3	
2.					XXXXXXXXXX	
3.					XXXXXXXXXX	
4.					P.S.I.A. P.S.I.A.	
5.					R R	
$P_c = 782$ $P_c^2 = 611.5$						
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0670$ (2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0498$	
1.		196	38.4	573.1		
2.						
3.						
4.						
5.						
AOF = Q $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1107.5$						
Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____		Slope, n _____
Remarks: _____						
Approved By Commission: _____ Conducted By: Tefteller, Inc.      Calculated By: _____ Checked By: <i>[Signature]</i>						