

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

2002 AUG 15 AM 10:01

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resrv.  
Other \_\_\_\_\_

2. Name of Operator  
CONOCOPHILLIPS CO.

3. Address P.O. BOX 2197 WL3 4061 HOUSTON TX 77252 3.a Phone No. (Include area code) (832)486-2326

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At Surface 1840' FSL & 1050' FWL  
At top prod. interval reported below  
At total depth

14. Date Spudded 01/05/1983 15. Date T.D. Reached 01/13/1983 16. Date Completed ☐ DWA ☒ Ready to Prod. 07/04/2003

18. Total Depth: MD 8040 TVD 8040 19. Plug Back T.D.: MD 8030 TVD 8030 20. Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) NONE

22. Was well cored? ☒ No ☒ Yes (Submit analysis)  
Was DST run? ☒ No ☒ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.5	9.625	36# K-55	0	385		275 CL B		0	
8.75	7	20# J	0	3800		125 CL B 800 SX		0	
6.25	4.5	11.6 & 4	0	8040		668 CL B		0	
		10.5#				350 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7990							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO	5916	5558	5916 - 5558	.75	36	OPEN
B) MESAVERDE						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

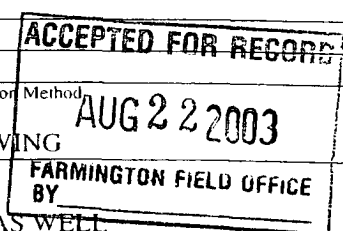
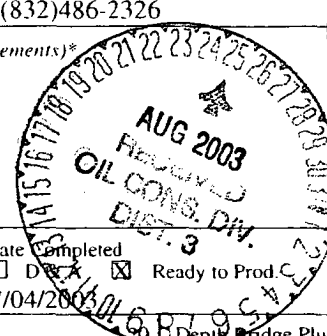
Depth Interval	Amount and Type of Material
5916 - 5558	FRAC W/148,990# OF 20/40 SAND & 2151 MSCF N2, 1600 BBLs OF 2% KCL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/09/03	07/03/03	24	→	0	3300	8			FLOWING
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4	0	350	→					PRODUCING GAS WELL	

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	



NMOC

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Conc. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

30. Summary of Porous Zones (Include Aquifers):

### 31. Forination (Log) Markers

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Title REGULATORY ANALYST

Date 08/13/2003

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

## Operations Summary Report

Legal Well Name: SAN JUAN 31-6 UNIT DAKOTA 000041

Common Well Name: SAN JUAN 31-6 DAKOTA # 41 UNIT

Spud Date: 01/05/1983

Event Name: Recompletion

Start: 06/09/2003

End:

Contractor Name:

Rig Release:

Group:

Rig Name:

Rig Number:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
06/26/2003	10:00 - 10:30	0.50	MV	c	90WOVR	JSA, START RIG.
	10:30 - 12:00	1.50	WO	r	90WOVR	WAITING ON TRUCKING CO. TO MOVE EQUIPMENT.
	12:00 - 14:00	2.00	MV	1	90WOVR	JSA, LOAD EQUIPMENT ON TRUCKS,
	14:00 - 15:00	1.00	MV	n	90WOVR	ROAD RIG TO NEXT LOCATION WITH EQUIPMENT.
	15:00 - 17:00	2.00	MV	r	90WOVR	JSA, SPOT IN RIG RAMP, SPOT IN RIG, SPOT IN EQUIPMENT.
06/27/2003	17:00 - 19:00	2.00	MV	6	90WOVR	RIG UP RIG AN EQUIPMENT, SECURE WELL SDFN
	07:00 - 08:00	1.00	WS	c	90WOVR	JSA, SICP 660#, READ TWO PAGES OF KEY HANDBOOK.
	08:00 - 08:30	0.50	WS	g	90WOVR	BLOW WELL DOWN
	08:30 - 08:45	0.25	WS	v	90WOVR	START PUMP, PUMP 40 BBLS OF 2% KCL, DOWN TBG.
	08:45 - 10:00	1.25	WS	e	90WOVR	NDWH, NUBOP
	10:00 - 11:00	1.00	WS	8	90WOVR	ATTEMPT TO TEST BOP, NO THREADS FOR BPV, AN RING ON TBG HANGER LEAKING.
	11:00 - 11:30	0.50	WS	4	90WOVR	UNSEAT AN PU TBG HANGER, RIH WITH TBG TAG FILL,
	11:30 - 15:30	4.00	WS	4	90WOVR	POOH WITH 127 STANDS OF TBG TALLY OUT, TAG FILL AT 8017'.
	15:30 - 17:30	2.00	WS	4	90WOVR	RIH WITH CIBP AN TBG, 97 STANDS, TO 6070', SET CIBP.
	17:30 - 19:30	2.00	WS	5	90WOVR	PU ONE STAND, STAND BACK. RU PUMP, LOAD HOLE BOTTOM UP, 80 BBLS TO LOAD. RD RIG PUMP, RU WASH PUMP. TEST CSG AN CIBP TO 3000#, HELD SOLID FOR 10 MINS., RELEASE PRESS. SECURE WELL SDFN
06/30/2003	07:30 - 08:00	0.50	CM	c	80CMPL	JSA, START RIG, READ KEY SAFETY MANUAL, TWO PAGES.
	08:00 - 10:00	2.00	CM	4	80CMPL	POOH WITH 97 STANDS AND SETTING TOOL.
	10:00 - 12:00	2.00	WO	z	80CMPL	WAITING FOR LOG TO BE FAXED.
	12:00 - 13:30	1.50	CM	6	80CMPL	MOVE IN, SPOT, WIRELINE UNIT, RIG UP. RIH WITH LOGGING TOOL.
	13:30 - 15:00	1.50	LG	1	80CMPL	RUN GR/CCL FROM 5960' UP TO 5400'. POOH WITH LOGGING TOOL
07/01/2003	15:00 - 16:00	1.00	CM	q	80CMPL	PERF WELL AS FOLLOWS: ( 3 1/8" SELECT FIRE PERF GUN.) 5916', 5914', 5912', 5910', 5880', 5878', 5876', 5874', 5848', 5846', 5844', 5842', 5810', 5808', 5806', 5804', 5802', 5800', 5775', 5773', 5771', 5769', 5767', 5765', 5684', 5682', 5680', 5678', 5642', 5640', 5638', 5636', 5564', 5562', 5560', 5558', 36 HOLES, MADE ONE GUN RUN, ALL SHOTS FIRED. POOH WITH PERF GUN. RD WIRELINE UNIT
	16:00 - 16:30	0.50	CM	5	80CMPL	RU RIG PUMP, PUMP 20 BBLS OF 2 % KCL, WELL ON VACUUM, RD. SHUT WELL IN, SECURE SDFN
	07:30 - 08:00	0.50	CM	c	80CMPL	JSA SAFETY MEETING,
	08:00 - 10:30	2.50	CM	6	80CMPL	RU ISOLATION TOOL, SPOT IN AND RIG UP SCHLUMBERGER FRAC UNIT.
	10:30 - 11:35	1.08	CM	8	80CMPL	PRESS, TEST LINES, 5060#, SET POP OFF, 3710#, SAFETY MEETING.
	11:35 - 12:00	0.42	CM	5	80CMPL	START BREAK DOWN, PUMP PAD, BREAK POINT 2229#, DOWN TO 1028# AT 5BPM, START ACID, DROP BIO BALLS, ONE PER BBL, 29 TOTAL, RATE UP TO 15 BPM, WELL ON VACUUM, PUMP 20 BBLS OVER, NO BALL OFF. SHUT DOWN, SHUT WELL IN, REMOVE BALL GUN, RETEST LINES TO 5000#, OKAY
	12:00 - 12:30	0.50	CM	s	80CMPL	PUMP PREPAD, AT 36 BPM AT 1547#, 121 BBLS, DID NOT RUN STEP DOWN OR LEAK OFF DUE TO WELL ON VACUUM.
	12:30 - 13:00	0.50	CM	s	80CMPL	START PAD, 65Q FOAM WITH FR. PUMPED AT 24BPM/3380#
						START. WITH 55BPM,N2, PUMPED 291 BBLS. START SAND, .5#, RATE WAS 61-65 BPM,3279-3363# PRESS. 132BBL. STAGE,6800# SAND, 1# ( 2.94#) SAND, 65 BPM, PRESS. 3430-3611# PUMPED 46,750# OF SAND. ( COMPUTER IN VAN NOT READING OUT Q FOAM OR BOTTOM HOLE PRESS), START RAMPING SAND, 3.91# AT 3536#, 65 BPM, PUMP 58,448# OF SAND, START 4.29# SAND,

## Operations Summary Report

Legal Well Name: SAN JUAN 31-6 UNIT DAKOTA 000041  
 Common Well Name: SAN JUAN 31-6 DAKOTA # 41 UNIT  
 Event Name: Recompletion Start: 06/09/2003 Spud Date: 01/05/1983  
 Contractor Name: Rig Release: Group:  
 Rig Name: Rig Number:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
07/01/2003	12:30 - 13:00	0.50	CM	s	80CMPL	60BPM,3237# ADDED PROPNET TO SAND , SAND 36,758#, FLUSH WITH 77BBLs N2 AT 21BPM TOTAL SAND 148,990# OF 20/40 BRADY SAND, WITH 2151 MSCF OF N2. 1600 BBLs OF 2% KCL ISIP 1891#, AVG TREATING PRESS. 2725#, AVG. RATE 39 BPM. SHUT IN WELL PRESS. 1547#
	13:00 - 14:00	1.00	CM	6	80CMPL	RD ISOLATION TOOL, RD FRAC UNIT MOVE OFF
	14:00 - 15:30	1.50	FT	2	80CMPL	RU FLOW BACK LINES AN MANIFOLD.
	15:30 - 16:30	1.00	FT	i	80CMPL	START FLOW BACK ON 1/4 " CHOKE, START PRESS, 1200#.
	16:30 - 17:30	1.00	FT	i	80CMPL	FLOW BACK, 1/4" CHOKE, PRESS AT 1350#, MED FLUIDS, NO SAND.
	17:30 - 18:30	1.00	FT	i	80CMPL	FLOW BACK , 1/4" CHOKE, PRESS. AT 1400#, MED. FLUIDS LIGHT SAND. WILL FLOW BACK WELL.
	18:30 - 19:30	1.00	FT	i	80CMPL	FLOW BACK WELL, 1/4" CHOKE, PRESS AT 1400# LIGHT SAND , HEAVY FLUIDS, FRAC FLUIDS,
	19:30 - 20:30	1.00	FT	i	80CMPL	FLOW BACK WELL, 1/4" CHOKE, PRESS AT 1350#, NO SAND, LIGHT FLUIDS,
	20:30 - 21:30	1.00	FT	i	80CMPL	FLOW WELL, 1300# ON 1/4" CHOKE, NO SAND., LIGHT FLUIDS,
	21:30 - 22:30	1.00	FT	i	80CMPL	FLOW WELL, 1300# ON 1/4" CHOKE, NO SAND, LIGHT FLUIDS, TOTAL FLUIDS RECOVERED 160 BBLs OF FRAC FLUIDS.
07/02/2003	22:30 - 23:30	1.00	FT	i	80CMPL	FLOW WELL, 1300# ON 1/4" CHOKE, NO SAND, LIGHT FLUIDS
	01:30 - 02:30	1.00	FT	i	80CMPL	FLOW BACK ON 1/4" CHOKE, 1200#, NO SAND, LIGHT FLUIDS.
	02:30 - 03:30	1.00	FT	i	80CMPL	FLOW BACK WELL, ON 1/4" CHOKE, 1200# NO SAND, LIGHT FLUIDS.
	03:30 - 04:30	1.00	FT	i	80CMPL	FLOW BACK, 1/4" CHOKE, 1190#, NO SAND, LIGHT FLUIDS., HAUL OFF 80 BBLs OF FRAC FLUIDS.
	04:30 - 05:30	1.00	FT	i	80CMPL	FLOW BACK ON 1/4" CHOKE, NO SAND, LIGHT FLUIDS. 1150#
	05:30 - 06:30	1.00	FT	f	80CMPL	FLOW BACK, ON 1/4" CHOKE, 1150# , NO SAND, LIGHT FLUIDS.
	06:30 - 07:30	1.00	FT	i	80CMPL	FLOW BACK, CHANGE CHOKE TO 1/2", PRESS. AT 1000# LIGHT SAND, AN MED. FLUIDS.
	07:30 - 08:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 900# PRESS. LIGHT SAND, HEAVY FLUIDS.
	08:30 - 09:30	1.00	FT	i	80CMPL	FLOWBACK, 1/2" CHOKE , 900# PRESS. LIGHT SANDS, HEAVY FLUIDS.
	09:30 - 10:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 900# PRESS, LIGHT SANDS., HEAVY FLUIDS.
	10:30 - 11:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 850# PRESS. , LIGHT SAND., HEAVY FLUIDS.
	11:30 - 12:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 850# PRESS. LIGHT SAND, HEAVY FLUIDS.
	12:30 - 13:30	1.00	FT	i	80CMPL	FLOW BACK , 1/2" CHOKE, 850# PRESS. LIGHT SAND, HEAVY FLUIDS. CHANGE OUT CHOKE TO 3/4"
	13:30 - 14:30	1.00	FT	i	80CMPL	FLOW BACK, 3/4" CHOKE, 600# PRESS, MED. SAND HEAVY FLUIDS.
	14:30 - 15:30	1.00	FT	i	80CMPL	FLOW BACK, 3/4" CHOKE, 500# PRESS. , LIGHT SAND, MED. FLUIDS.
	15:30 - 16:30	1.00	FT	i	80CMPL	FLOW BACK, 3/4"CHOKE, 450# PRESS. , LIGHT SAND , MED FLUIDS. FLOW RATE AT 4.2 00 MCF, WELL FLOWING BACK ABOUT 10 BBLs /HOUR., HAUL OFF 80 BBLs OF FLUIDS.
	16:30 - 17:30	1.00	FT	i	80CMPL	FLOW BACK, 3/4" CHOKE, 450# PRESS. LIGHT SAND, MED. FLUIDS., WASH OUT 3/4" CHANGE OUT BACK TO 1/2".
	17:30 - 18:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 700# PRESS. LIGHT SAND, MED, FLUIDS.
	18:30 - 19:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 700# PRESS. LIGHT SAND, LIGHT

## Operations Summary Report

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 Common Well Name: SAN JUAN 31-6 DAKOTA # 41 UNIT  
 Event Name: Recompletion Start: 06/09/2003 Spud Date: 01/05/1983  
 Contractor Name: Rig Release: Group:  
 Rig Name: Rig Number:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
07/02/2003	18:30 - 19:30	1.00	FT	i	80CMPL	FLUIDS.
	19:30 - 20:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 700# PRESS. , LIGHT SAND, LIGHT FLUIDS.
	20:30 - 21:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 700# PRESS. LIGHT SAND , LIGHT FLUIDS.
	21:30 - 22:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 700# PRESS. LIGHT SAND , LIGHT FLUIDS.
	22:30 - 23:30	1.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, 700# PRESS. LIGHT SAND, LIGHT FLUIDS. PULL 80 BBLs OF FLUIDS.
07/03/2003	01:30 - 07:30	6.00	FT	i	80CMPL	FLOW BACK, 1/2" CHOKE, SABLE RATE OF 700# PRESS. LIGHT TO NO SAND, LIGHT FLUIDS. FLOW RATE AT 4400 MCF.
	07:30 - 10:30	3.00	FT	i	80CMPL	CHANGE OUT CHOKE TO 3/4". PRESS AT 420#, LIGHT SAND AND LIGHT FLUIDS.
	10:30 - 12:30	2.00	FT	i	80CMPL	4 HOURS STABLE RATE AT 350#, FLOW RATE AT 3300 MCF, NO SAND, LIGHT FLUIDS,( MADE 8 BBLs IN 4 HOURS, FLUIDS) 3/4" CHOKE.
	12:30 - 13:30	1.00	CM	6	80CMPL	SHUT WELL IN , CHANGE OUT CHOKE MANIFOLD, RU FLOW BACK LINES TO SPOOL.
	13:30 - 14:00	0.50	CM	1	80CMPL	WELL BUILT UP TO 600#, BLOW WELL DOWN, KILL WELL WITH 50 BBLs OF 2 % KCL.
	14:00 - 15:00	1.00	CM	4	80CMPL	PU RIH WITH MILL, BIT SUB WITH CHECK, AN 95 STANDS OF TBG TAG FILL AT 6000'. WELL STARTED TO FLOW BACK ABOUT 55 MINS.
	15:00 - 15:30	0.50	CM	4	80CMPL	LAY DOWN 8 JOINTS OF TBG, WILL USE TO C/O
	15:30 - 16:00	0.50	CM	1	80CMPL	START UP AIR UNIT, TEST AIR LINES TO 1000#, HELD OKAY, EST. RATE DOWN TBG. UP CSG. 600#, PUMPING ABOUT 15 BBLs. OF FOAM PER HOUR
	16:00 - 18:00	2.00	CM	d	80CMPL	C/O 5 JOINTS OF TBG TO CIBP, ONE JOINT AT A TIME. RUN SOAP SWEEP AFTER EACH CONNECTION. CIR . CLEAN OFF OF CIBP. AT 6070', FLOW RATE 650#
	18:00 - 19:00	1.00	CM	4	80CMPL	SHUT DOWN AIR, SHUT WELL IN, WATER TRUCK HAUL OUT ONE MORE LOAD OF FLUIDS FROM RETURN PIT, OPEN WELL BACK UP, POOH WITH 10 STANDS, ABOVE PERFS, SHUT AN SECURE WELL SDFN
07/04/2003	08:00 - 08:30	0.50	WS	c	80CMPL	JSA, SICP, 920#, START RIG.
	08:30 - 09:30	1.00	WS	g	80CMPL	BLOW WELL DOWN, RIH WITH TEN STANDS OF TBG, TAG UP ON CIBP @ 6070', NO NEW FILL. RU POWER SWIVEL.
	09:30 - 09:50	0.33	WS	5	80CMPL	RU AIR UNIT, EST RATE, UNLOAD WELL, 15BBLs OF FOAM PER HOUR.
	09:50 - 10:20	0.50	DR	h	80CMPL	TAG UP ON CIBP MILL OUT CIBP
	10:20 - 11:00	0.67	WS	5	80CMPL	CIRCULATE CLEAN. SHUT DOWN AIR.
	11:00 - 11:15	0.25	WS	4	80CMPL	PU AN RIH WITH TWO JOINTS OF TBG, WITH POWER SWIVEL, RD POWER SWIVEL.
	11:15 - 12:30	1.25	WS	4	80CMPL	RIH WITH 30 STANDS OF TBG, TAG UP AT 8025'
	12:30 - 15:30	3.00	WS	4	80CMPL	POOH WITH TBG AND MILL, 128 STANDS OF TBG, KILL WELL WITH 50 BBLs OF 2% KCL, PO MILL, LAY DOWN
	15:30 - 17:30	2.00	WS	4	80CMPL	WELL CAME IN, KILL WELL 50BBLs OF KCL. RIH WITH EXPENDABLE CHECK, SEATING NIPPLE, AND 254 JOINTS OF TBG, DRIFT TBG IN, LAY DOWN TWO JOINTS., SEAT NIPPLE AT 7990', (KB), WELL FLOWING.
	17:30 - 18:00	0.50	WS	v	80CMPL	KILL WELL WITH 30 BBLs OF KCL., PU TBG HANGER, ADD, LAND TBG . RD FLOOR, RDBOP, RUWH.
	18:00 - 18:45	0.75	WS	5	80CMPL	WELL FLOWING , RU AIR TO TBG, PUMP OUT EXPENDABLE

Legal Well Name:	SAN JUAN 31-6 UNIT DAKOTA 000041		
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Event Name:	Recompletion	Start:	06/09/2003
Contractor Name:		Rig Release:	End:
Rig Name:		Rig Number:	Group:

Printed: 07/07/2003 1:37:00 PM