

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMSF079298-B	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator ConocoPhillips Co.		7. Unit or CA Agreement Name and no. NMSM 78413C	
3. Address P.O. Box 2197, WL3-6085 Houston Tx 77252		8. Lease Name and Well No. San Juan 28-7 Unit 125F	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface Sec 12 T27N R7W SWNW 2445FNL 115FWL At top prod. interval reported below At total depth		9. API Well No. 30-039-27062	
14. Date Spudded 12/30/2005		15. Date T.D. Reached 01/06/2006	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/22/2006		10. Field and Pool, or Exploratory Basin Dakota	
18. Total Depth: MD 7668 TVD		11. Sec., T., R., M., on Block and Survey or Area Sec 12 T27N R7W	
19. Plug Back T.D.: MD 7662 TVD		12. County or Parish Rio Arriba	
20. Depth Bridge Plug Set: MD TVD		13. State NM	
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) CBL; TDT; GR/CCL		17. Elevations (DF, RKB, RT, GL)* 6545	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
12.25	9.625 H40	32.3	0	232		150		0	
8.75	7 J-55	20	0	3430		570		0	
6.25	4.5 N-80	11.6	0	7664		470		2550	

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	7432							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Dakota	7432	7566	7432' - 7566'	.34	35	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7432' - 7566'	Frac'd w/70Q Clearfrac; 75,000# 20/40 Carbolite Sand; 2,170,100 SCF N2 & 1056 bbls fluid.

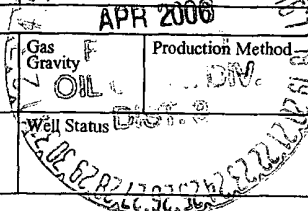
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/22/06	3/21/06	24	→	0	1988	2.9			Flow from Well
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	SI 325	640	→					GSI	

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	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on page 2)



28b. Production - Interval C

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	

28c. Production - Interval D

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	

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

Vented

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Nacimiento	1050.0
				TJG - Ojo Alamo	2437.4
				Kirtland	2521.3
				Fruitland	2863.0
				Pictured Cliff	3146.9
				Otero Chacra	4251.6
				Cliffhouse	4807.8
				Menefee	4950.4
				Pt. Lookout	5396.7

32. Additional remarks (include plugging procedure):

New downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Daily summary report and Wellbore Schematic are attached.

On 12/30/05, tested surface casing for 30 min. @ 1000psi. Held okay. On 1/4/06, tested intermediate casing for 30 min. @ 1500psi. Held okay.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geological Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other

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

Name (please print) Christina GustartisTitle Regulatory Specialist

Signature

Chris GustartisDate 03/28/2006

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.

Regulatory Summary
SAN JUAN 28-7 UNIT 125F

INITIAL COMPLETION, 1/28/2006 00:00

API/Bottom UWI 300392706200	County Rio Arriba	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-07W-12-E	N/S Dist (ft) 2,445.00	N/S Ref N	E/W Dist (ft) 115.00	E/W Ref W
Ground Elevation (ft) 6,545.00	Latitude (DMS) 36° 35' 24" N	Longitude (DMS) 107° 31' 48" E	Spud Date 12/30/2005	Rig Release Date 1/7/2006			

1/28/2006 07:00 - 1/28/2006 00:00

Last 24hr Summary

Held safety meeting. RU Slumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 7623' to 2300'. Top of cement @ 2550'. Ran TDT log from 7623' to 2200'. Ran GR/ccl log from 7623' TO surface. RD Schlumberger.

1/30/2006 08:00 - 1/30/2006 11:00

Last 24hr Summary

Held safety meeting. RU Isolation tool. pressure tested 4 1/2" csg to 6500 # for 30 min. Held ok. SWI. RD Isolation tool.

2/6/2006 12:00 - 2/6/2006 15:00

Last 24hr Summary

Held safety meeting. RU Comutalog. Attempted to perforate the Dakota. RIH w/ 3 1/8" 120 degree pp select fire perforating gun. Tagged @ 7506'. Could not go below 7506'. Needed to go to 7566' in order to perforate. POOH w/ perforating gun. SWI. RD Computalog.

2/7/2006 10:00 - 2/7/2006 14:00

Last 24hr Summary

Held safety meeting. RU slickline. RIH w/ 1 1/4" sinker bar. Tagged @ 7506'. PBD @ 7668'. POOH w/ sinker bar. RIH w/ 1 3/4" impression block. Tagged @ 7506'. POOH w/ impression block. Impression block did not show anything. RIH w/ 1 1/2" bailer to 7506'. Retrieved sample with bailer. POOH w/ bailer. Took sample to the lab. Determined the sample was cement. SWI. RD Slickline

2/8/2006 13:15 - 2/8/2006 17:00

Last 24hr Summary

RDMO San Juan 30-5 #51M & road rig to San Juan 28-7 #125F. Hold PJSA & Spot rig in. Wait on trucks in a.m. SIFN.

2/9/2006 07:00 - 2/9/2006 15:30

Last 24hr Summary

Held meeting w/ rig crew; prepared JSA; Discuss possible hazards & how to avoid them: (Rigging up; Nippling down Frac Stack; NU BOP's; Picking up tubing).
Rig up Derrick; Wait on Trucks.
Held meeting w/ rig crew & Trucking outfit; prepared JSA; Discuss possible hazards & how to avoid them: (Rigging up; Spotting equipment).
Move in & spot rig's equipment & skids.
Trucks move out; ND Frac Stack; NU BOP's; Set up Floor; Prepare to PU pipe.
Strap & Tally tubing; PU bit & scraper (BHA 5' oa); TIH picking up tubing.
89 joints in hole; Pipe starting to displace; Reserve Pit Liner torn @ water line; Secure running pipe to avoid displacing any more water to pit; Secure well; Lock rams; SIFN.

2/10/2006 07:00 - 2/10/2006 13:00

Last 24hr Summary

Wait on orders regarding torn Pit Liner.
Rig up to flow back tank to preclude using reserve pit at all; Place adsorbs @ North end of reserve pit on oil & around tear.
Continue picking up tubing; wind kicking up - dust, blocks swinging, threads crossing.
Got 20 joints in; cab up in dog house to wait for dust storm; Had discussion w/ HSE leader; Ate lunch; Wind getting worse - Secure well, SIFN.

2/11/2006 14:30 - 2/11/2006 17:30

Last 24hr Summary

Drove to Location; Inspect pit liner for further tears, none visible; Check progress of pulling down pit level, at least 1' below tear; Head back in.

2/13/2006 07:15 - 2/13/2006 16:00

Last 24hr Summary

Held meeting w/ rig crew; prepared JSA; Discuss possible hazards & how to avoid them: (Tripping; Picking up; circulating)
Warm up rig; Start pump.
Start picking up remainder of tubing & trip in to 7480' (#237).
Starting w/ #238, begin reversing down each joint, taking returns to Flowback tank; Pump pressure @ 750 psi, +- ; found tight spot @ #239 where pressure came up to 1500 psi, +- ; Tagged up @ #242 1/2 (7626', 60' of rathole below Dakota). All five joints showed cement colored water coming back. Pumped a total of 125 bbl - full circulation volume is 106 bbl - clean, clear water coming back.
Continue to circulate an additional 100 bbl of 2% KCL from the frac tank, for a total of 225 bbl, or twice the capacity for full circulation.
Pull out of hole w/ tubing; Scrape each stand 5 times for the first 5 stands to get good scrape across tight spot; Then TOH standing back; wind dusting up - pull derrickman down when too windy, but pull pipe when opportunity allows. LD bit & scraper and set up pressure test for first thing in the morning.
Secure well; Drain pumps & lines; Lock rams; SIFN.

2/14/2006 07:00 - 2/14/2006 16:00

Last 24hr Summary

Held meeting w/ rig crew; prepared JSA; Discuss possible hazards & how to avoid them: (Pressure test casing to 6500 psi; Tripping; Picking up; circulating)
ND Stripping Head; Load Hole; NU Stinger. Rig Up Wood Group. Review JSA w/ all hands (9); Pressure to 500 psi & set cups; Pressure up to 6500 psi and watch for 15 minutes - Good; Bleed off pressure. ND Stinger; ND Wood Group; NU stripping head. Trip 1/2 tubing back in hole & come out laying down. Trip other 1/2 of tubing back in hole & come out laying down. ND BOP's; NU Frac Stack; Test Frac Valve to 2000 psi. Rig Down & secure all equipment; Prepare to move; Pick up all iron; SIFN.

2/22/2006 08:00 - 2/22/2006 12:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the Dakota. RIH W/ 3 1/8" 120 degree pp Select fire perforating gun. Perforated from 7432' - 7444' W/ 1 SPF, 7468' - 7480' W/ 1 SPF, 7558' - 7566' w/ 1 spf. A total of 35 holes @ 0.34 DIA. SWI. RD Computalog.

2/23/2006 07:00 - 2/23/2006 13:00

Last 24hr Summary

Held safety meeting.

RU Schlumberger.

Frac'd the Dakota. Tested lines to 7500 #. Set pop off @ 6306 #. Broke down formation @ 6 bpm @ 1978 #. Pumped pre pad @ 33 bpm @ 3375 #. Stepped down rate to 30 bpm @ 2832 #. Stepped down rate to 25 bpm @ 2316 #. Stepped down rate to 20.5 bpm @ 2059 #. Stepped down rate to 15.5 bpm @ 1764#. Step to 10 bpm & 1543# ISIP 1310 #.5 min= 928#, 10 min= 737#, 15 min= 561#, 20 min=420#.

Pumped 1000 gals of 15% HCL acid @ 5.7 bpm @ 1164 #. Frac'd the Dakota w/ 70 Q ClearFrac . 75,000 # 20/40 Carbolite sand, Treated the last 15% of proppant volume with propnet for proppant flowback control, 2,170,100 SCF N2 & 1056 bbls fluid. Avg rate 50 bpm. Avg pressure 4635 #. Max pressure 4870 #. Max sand cons 1.50 # per gal. ISIP 3300 #. Frac gradient .62. Tagged well w/ 3 isotope. Tagged pad w/ Scandium. Tagged the .25# - 1.25 # sand w/ Iridium. Tagged the 1.50 # & 1.50 # PN w/ Antimony. SWI. RD Schlumberger.

Started flowback.

2/26/2006 07:15 - 2/26/2006 12:15

Last 24hr Summary

SICP- 1,400 Psi

Held PJSA with Computalog crew. Talked about conducting safe perforating, wireline operations. Rig up Computalog Wireline unit and tools, pressure control, and mast truck. Rig up Knight Oil Tools 4" Composite Bridge Plug and perforating gun. Start into well with bridge plug. Correlated off Gamma Ray, Casing Collar, TDT Log (1-28-06). Set the bridge plug at 5,550'. Pull above plug with perf gun (3 1/8" SF PP 90 Degree Phase with 302g charges, .34" diameter shots). Perforate the Point Lookout as follows: 5,406'-5,411', 5,431'-5,460', 5,475'-5,484', 5,516'-5,524'. Shot a total of 55 holes. Shut in and secured well. Will leave wireline equipment rigged up for 2-stage Frac job. Shutdown operations for the day.

2/27/2006 06:30 - 2/27/2006 13:00

Last 24hr Summary

Held safety meeting. Discussed days events and ways to prevent incident. RU Schlumberger. Frac'd the Point Lookout. Tested lines to 5000 psi. Set pop off @ 4500 psi. Broke down formation @ 6 bpm & 4032 psi. Pumped pre pad @ 35 bpm & 700# psi. Stepped down rate to 25 bpm & 80 psi. ISDP 0 psi. Spear head 1000 gals of 15% HCL acid @ 10 bpm & 0 psi. Frac'd the Point Lookout w/ 60 Q slick foam w/ 1 g/mg FR, 100,000 # 20/40 Brady sand & 2984 Foam bbl. Treated the last 15% of proppant volume with propnet for proppant flowback control. Total N2= 1,242,000 Avg rate 45 bpm. AV psi=2722 psi. Max pressure 3786 psi. Max sand cons 1.50 lb/gal. ISIP 150 psi. Frac gradient .530 psi/ft. FTR= 1269 bbl. PJSM w/ wireline. RU Computalog. RIH w/ 4 " Retrievable frac plug. Set plug @ 4960'. Tested plug to 2000 #. Held ok. Perforated the Cliffhouse w/ 3 1/8" 90 * SF w/ 302g guns. Perforated from 4840'-4854', 4880'-4892', 4908'-4912', 4926'-4934'. A total of 42 holes w/ 0.34 dia. RD Computalog and release. RU Schlumberger. Frac'd the Cliffhouse. Tested lines to 5000 #. Set pop off @ 4050 #. Broke down formation @ 4 bpm & 3248 #. Pumped pre pad @ 34 bpm & 3005 psi. Stepped down rate to 25 bpm & 1758 psi. Stepped down rate to 21 bpm & 1445 psi. Stepped down rate to 16 bpm & 1130 psi. S/D. ISIP 445 psi. Pumped 1000 gals of 15% HCL acid @ 6.8 bpm & 779 psi. Frac'd the Cliffhouse w/ 60 Q slick foam w/ 1 g/mg FR, 150,000 # 20/40 Brady sand, Treated the last 15% of proppant volume with propnet for proppant flowback control, Tot N2= 1,642,600 SCF N2 & 1617 bbls fluid. Avg rate 55 bpm. Avg pressure 2342 psi. Max pressure 2427 psi. Max sand cons 1.50 lb/gal. ISIP 1824 psi. Frac gradient .44 psi/ft. SWI. RD Schlumberger. Started flowback.

2/28/2006 00:00 - 2/28/2006 00:00

Last 24hr Summary

3/1/2006 00:00 - 3/1/2006 00:00

Last 24hr Summary

3/2/2006 00:00 - 3/2/2006 00:00

Last 24hr Summary

3/3/2006 10:00 - 3/3/2006 15:00

Last 24hr Summary

Held PJSM w/crews. Discussed days events and ways to prevent incident. Filled out and reviewed PJSM. RU Sanjel Coil tbg unit w/ 1.5" tbg. Check SICP= 1000#. Bleed well off on 1/2" choke. Tally and caliper BHA and ensure length to capture tools in WH. RIH tag plug @ 4930'. Latch onto plug and release. Pooh and LD RFP. SWI , RD Coil unit.

3/8/2006 10:30 - 3/8/2006 15:00

Last 24hr Summary

Road rig to SJ 28-7 #125F. PJSM w/ Crew. Discussed checking for LELS and spotting rig. Check for LELS on location. MI & spot rig. Wait on Dawn Trucking to deliver equipment from SJ 28-7 #227F. PJSM w/ Dawn Trucking, & crew. Spot equipment on location. Secure well SDFN.

3/9/2006 07:00 - 3/9/2006 15:00

Last 24hr Summary

SICP= 625#

PJSM w/ crews & L&R Roustabouts. Discussed days events and ways to prevent incidents. Identified and discussed hazards during RU, & spotting concrete blocks. RU unit, rig pump, & flowline. Repair washed out connection on Flowback Tank #38T. BWD to 200#. Pump 30 bbls 2% KCL to kill well. Set tbq. test hanger through Frac Stack. ND Frac Stack. NU BOPE. C/O 3" valves & connections on 3" Mud Cross. Load BOP w/ water. RU Key Energy pressure pump. Pressure test Blinds & pipe rams to 200# low, & 3000# high. Test was good. Charted & witnessed by M. Pantojas w/ Key Energy. RU floor & tbq tools. Tally 1st row tbq on float. Secure well. Drain equipment. SDFN.

3/10/2006 07:00 - 3/10/2006 15:00

Last 24hr Summary

SICP= 625#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. BWD. Pumped 30 bbls 2% KCL to kill well. WO wireline. PJSM w/ H&H Wireline and crews. Set slickline plug in FN. MU BHA consisting of MS Guide, 1.81" FN, & 2-3/8" 4.7# J55 Production tbq. TIH w/ BHA & 50 jts 2-3/8" tbq. SD due to high winds. Secure well. Drain equipment. SDFWE.

3/13/2006 07:00 - 3/13/2006 17:00

Last 24hr Summary

SICP= 650#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Discussed hazardous driving conditions to and from location. Discussed snow and mud on location, being careful when walking and working in these conditions. Filled out and reviewed JSA. BWD. Kill well w/ 30 bbls 2% KCL. TIH w/ BHA & 150 jts tbq., tally & PU off float. PJSM w/ H&H Wireline & crews. RU, RIH w/ plug retrieving tool. Trouble pulling plug. Could not pull plug. RIH w/ cutter bar, cut slick line. POOH w/ wireline. RD wireline. Kill tbq. w/ 20 bbls 2% KCL. POOH w/ BHA & 150 jts 2-3/8" tbq. Retrieve slick line plug, retrieving tool, & cutter bar. Secure well. Drain equipment & blow down. SDFN.

3/14/2006 07:00 - 3/14/2006 17:00

Last 24hr Summary

SICP= 500#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. BWD. Kill well w/ 30 bbls 2% KCL. MU BHA & 2-3/8" tbq. TIH w/ BHA and tbq. Tag for fill in MV. Tag fill above CBP @ 5550'. Fill @ 5495' (29' covering Perfs @ 4840'-5524', 55' on CBP). Break Circ. w/ air-mist. CO fill w/ 1150 cfm air & 10bph mist & Cl. Circulate clean. PUH to 4855' (tbq set in MV perfs. LD 2 jts., stand back 20 jts. RU 2" flowline w/ 1/2" choke on surface. Unload hole. Open up MV flowing up tbq w/ 1/2" choke on surf. (MV FLOW OBSERVATION- FOR ENGINEERING PURPOSES ONLY) (NOT A TEST FOR ALLOCATION). 2-3/8" Production Tbg. Set @ 4855' Mesa Verde Perforations- 4840'-5524' 1/2" choke coef.= 6.6. FTP= 195#, SICP= 450#, 10 BWPD, 2BOPD, MV PRODUCTION TO BE DETERMINED BY CPL TEST AT LATER DATE, NO Sand Flow Observation witnessed by M. Pantojas w/ Key Energy. PUH standing back 4 jts tbq. Secure well. Drain & Blow down equipment. SDFN.

3/15/2006 07:00 - 3/15/2006 17:00

Last 24hr Summary

SICP= 500#, SITP= 450#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. BWD. Kill well w/ 30 bbls 2% KCL. TIH w/ BHA & 26 jts tbq. Tag fill above CBP @ 5550'. Tag fill @ 5534', (0' perfs covered, 16' on CBP. Break circ. w/ air-mist. CO fill w/ 1150 cfm air-10 bph mist & Cl. Circ. clean. SD air unit. PUH to 4730' (110' above top MV perf.) LD 2 jts tbq. & stand back 24 jts. RU 2" flowline w/ 1/2" choke on surf. Kill tbq w/ 10 bbl 2% KCL. Unload hole w/ air. Open MV flowing up tbq. w/ 1/2" choke on surf. (MV FLOW OBSERVATION- FOR ENGINEERING PURPOSES) (NOT AN ALLOCATION TEST). Tbg set @ 4730'. MV Perfs- 4840'-5524'. 1/2" choke coef.= 6.6. (MV PRODUCTION TO BE DETERMINED BY CPL DATA AT LATER DATE). 2 BWPD, 1 BOPD. NO sand. Flow Observation witnessed by M. Pantojas w/ Key Energy. RD Flowline. Kill well w/ 10 bbls 2% KCL. TIH w/ BHA & tbq. to 5409' (Tbg set in PLO). RU flowline. Unload hole w/ air. Open up PLO, Flowing up tbq. w/ 1/2" choke on surf. (MV Production Test)(FOR ALLOCATION) TBG set @ 5409'. MV perfs. 4804'-5524'. 1/2" choke coef.= 6.6. FTP= 200#. SICP= 345#. MV Production= 1320 MCFPD 5 BWPD. 0 BOPD. NoSand. MV Flow Test witnessed by M Pantojas w/ Key Energy. PUH to 4730' LD 21 jts tbq. Secure well. Drain & blowdown equipment. SDFN.

3/16/2006 07:00 - 3/16/2006 17:00

Last 24hr Summary

SICP= 500#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. BWD. Kill well w/ 30 bbls 2% KCL. POOH w/ BHA & 150 jts 2-3/8" tbq. standing back. MU 3-7/8" Junk Mill, 2-3/8" 8rd x 2-3/8" reg. Bit Sub, & 2-3/8" 4.7# J-55 Production Tbg. TIH w/ BHA & tbq. Tag fill @ 5534' (0' Perfs covered, 16' on CBP @ 5550'. RU power swivel. CO fill to CBP. DO CBP @ 5550' w/ 1150 cfm air-12bph mist & Cl. Circ. debris clean. (Lots of metal pieces, circ. to surf.) Continue TIH to tag fill in Dak. Encountered tight spot @ 7454'. on jt. #237. Work through tight spot. Continue TIH to tag fill. Tag fill @ 7567' (0' covering perfs @ 7432'-7566', 95' on PBD @ 7662'). CO fill w/ 1150 cfm air-10bph mist & Cl. SD air unit. RD power swivel. PUH to 4730', standing back 90 jts tbq., LD 1 jt. Secure well. Drain & Blowdown equipment. SDFN.

3/17/2006 07:00 - 3/17/2006 17:00

Last 24hr Summary

SICP= 750#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. BWD. Kill well w/ 40 bbls 2% KCL. RU power swivel. TIH w/ mill & tbg. to tag fill on PBDT @ 7660'. Tag fill @ 7633' (0' on perms, 29' on PBDT). CO fill to PBDT w/ 1150 cfm air-12bph mist & Cl. SD air unit. RD power swivel. POOH standing back tbg. LD Mill. MU BHA consisting of 2-3/8" MS Re-Entry Guide, 1.81" FN, & 2-3/8" 4.7# J-55 Production Tbg. TIH w/ BHA & tbg. Drifting tbg. w/ 150 jts tbg. Secure well. Drain & blowdown equipment. SDFWE.

3/20/2006 07:00 - 3/20/2006 17:00

Last 24hr Summary

SICP= 750#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. BWD. Kill well w/ 40 bbls 2% KCL. TIH w/ 93 jts. tag fill above PBDT @ 7662'. No fill. Unload hole w/ air. Kill tbg. w/ 10 bbl 2% KCL. PUH to 4739', standing back 92 jts. LD 1 jt tbg. Drop ball, Pump 10 bbl, Pump off check w/air. RU 2" flowline w/1/2" choke on surf. Unload hole w/air. Open well flowing up tbg. to flowback tank. FTP= 450#, SICP= 645#. W/O wireline & ProTechnics. Service companies tied up on SJ 29-6 #88M. Will do both CPLs on 3/21/06. Secure well. Drain & blowdown equipment. SDFN.

3/21/2006 07:00 - 3/21/2006 17:00

Last 24hr Summary

SITP= 820#; SICP= 750#

PJSM w/ Crews, H&H Wireline, & ProTechnics. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. Discussed hazards during wireline operations. RU, RIH w/slickline EOT locator. EOT @ 4737'. POOH w/EOT tool. RU, RIH w/ProTechnics CPL & Spectra Scan tool. Drop CPL out of EOT to 4787'(50' above top perf @ 4840'. Record SBHT & SBHP. SBHT= 178, SBHP= 901#. Drop tool to 7637', Run Spectra Scan Log over Dakota interval. Open well flowing up tbg. w/1/2" choke on surf. Stabilize psi. Run CPL over MV interval. Log MV interval from 5574'-4790'(50' above & below MV). Log MV w/6 passes @ set speeds.(Engineering Purposes Only). Test is as follows:

2-3/8" Prod. Tbg. set @ 4737'

MV Perfs= 4840'-5524'

1/2" choke coef.= 6.6

FTP= 410#

SICP= 690#

MV Production- TO BE DETERMINED BY PROCESSED CPL LOG

BWPD- TO BE DETERMINED BY PROCESSED CPL LOG

BOPD- TO BE DETERMINED BY PROCESSED CPL LOG

No Sand

Test witnessed by T. Brooks w/ProTechnics.

SWI equalize psi. POOH w/ tools.Retrieve data. RD flowline. Kill tbg. w/ 2% KCL. TIH w/82 jts. tbg. Land tbg. @ 7344'. RU 2" flowline. Unload hole w/ air.

RIH w/ ProTechnics CPL & Spectra Scan tool out EOT to 7382'. Record SBHP & SBHT. SBHP= 878#, SBHT=204'. Open Dak. flowing up tbg w/ 1/2" choke on surf. Stabilize psi. Drop tools to 7650', re-run Spectra Scan from 7650' to 7550'. Log Dak interval from 7432'-7566' in 6 passes @ set speeds. (TEST IS FOR ALLOCATION). Test is as follows:

2-3/8" Production Tbg. set @ 7344'

Dakota Perfs.- 7432'-7566' (7617' /ProTechnics)

1/2" choke coef= 6.6

FTP= 325#

SICP= 640#

Dakota Production-TO BE DETERMINED BY PROCESSED CPL LOG

BWPD-TO BE DETERMINED BY PROCESSED CPL LOG

BOPD- TO BE DETERMINED BY PROCESSED CPL LOG

No Sand

Test witnessed by T Brooks w/ProTechnics

SWI. Equalize psi. POOH w/ wireline & tools. Retrieve Data. Data good. Release service companies. Secure well. SDFN.

3/22/2006 07:00 - 3/22/2006 17:00

Last 24hr Summary

SICP= 750#, SITP= 820#

PJSM w/ crews. Discussed days events and ways to prevent incidents. Filled out and reviewed JSA. Discussed Winter driving conditions. BWD. Kill well w/30 bbl 2% KCL. TIH w/ 11 jts tbg. Tag fot fill above PBDT @ 7662'. Tag fill @ 7652' (10' above PBDT. Brk circ. CO fill w/ 1150 cfm air-4bph mist & Cl. Dry up well w/air. Land well w/235 jts. 2-3/8" 4.7# J-55, (1) 10' sub, (1) 3' sub, 1.81" FN, 1/2 MS re-entry guide. EOT @ 7432' KB. Top of FN @ 7430' KB. ND BOPE, NU Tbg. master valve. Check seals for leaks. RD equipment & unit. Purge air from tbg. & csg. Checked w/O2 monitor. Secure well. SDFN. Dakota CPL Test (FOR ALLOCATION)

2-3/8" Production Tbg Set @ 4737'

Dakota Perforations 7432'-7566'

FTP- 410#

SICP- 690#

Dakota Production= 1988 MSCF/D

0.0 BOPD

2.9 BWPD

Test witnessed by T. Brooks w/ ProTechnics

Well Name: San Juan 28-7 #125F
 API #: 30-039-27062
 Location: 2445' FNL & 115' FWL
Sec. 12 - T27N - R7W
Rio Arriba County, NM
 Elevation: 6545' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #749
 Spud: 30-Dec-05
 Spud Time: 3:00
 Date TD Reached: 6-Jan-06
 Release Drl Rig: 7-Jan-06
 Release Time: 6:00

Surface Casing Date set: 30-Dec-05
 Size 9 5/8 in
 Set at 232 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE Csg Shoe 232 ft
 TD of 12-1/4" hole 240 ft

Notified BLM @ 18:00 hrs on 28-Dec-05
 Notified NMOCD @ 18:00 hrs on 28-Dec-05

Intermediate Casing Date set: 3-Jan-06
 Size 7 in 80 jts
 Set at 3430 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 150 % Top of Float Collar 3384 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3430 ft
 Pup @ ft TD of 8-3/4" Hole 3440 ft
 Pup @ ft

Notified BLM @ 18:00 hrs on 02-Jan-06
 Notified NMOCD @ 18:00 hrs on 02-Jan-06

Production Casing: Date set: 6-Jan-06
 Size 4 1/2 in 177 jts
 Set at 7664 ft 2 pups
 Wt. 11.6 ppf Grade N-80
 Hole Size 6 1/4 in Conn LTC
 Excess Cmt 50 % Top of Float Collar 7662 ft
 T.O.C. (est) 3230 Bottom of Casing Shoe 7664 ft
 Marker Jt @ 7333 ft TD of 8-3/4" Hole 7668 ft
 Marker Jt @ 4822 ft
 Marker Jt @ ft
 Marker Jt @ ft

Notified BLM @ hrs on
 Notified NMOCD @ hrs on

Top of Float Collar 7662 ft
 Bottom of Casing Shoe 7664 ft

11" 3M x 7 1/16" 5M Tubing Head
 11" 3M x 11" 3M Casing Spool
 9-5/8" 8 RD x 11" 3M Casing Head

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used

TD of 6-1/4" Hole: 7668 ft

SurfaceCement

Date cmt'd: 30-Dec-05
 Lead : 150 sx Class G Cement
 + 2% S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
 1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg
 Displacement: 17.0 bbls fresh wtr
 Bumped Plug at: 12:30 hrs w/ 350 psi
 Final Circ Press:
 Returns during job: YES
 CMT Returns to surface: 18 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 9.50 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 3-Jan-06
 Lead : 365 sx Class G Cement
 + 0.25 lb/sx D029 Cellophane Flakes
 + 3% D079 Extender
 + 0.20% D046 Antifoam
 + 10.00 lb/sx Phenoseal
 2.72 cuft/sx, 992.8 cuft slurry at 11.7 ppg
 Tail : 205 sx 50/50 POZ : Class G Cement
 + 0.25 lb/sx D130 Polyester Flakes
 + 2% D020 Bentonite
 + 1.50 lb/sx D024 Gilsonite Extender
 + 2% S001 Calcium Chloride
 + 0.10% D046 Antifoam
 + 6 lb/sx Phenoseal
 1.31 cuft/sx, 268.55 cuft slurry at 13.5 ppg
 Displacement: 138 bbls
 Bumped Plug at: 19:30 hrs w/ 1500 psi
 Final Circ Press:
 Returns during job: YES
 CMT Returns to surface: 40 bbls
 Floats Held: ☒ Yes ☐ No
 W.O.C. for NA hrs (plug bump to start NU BOP)
 W.O.C. for 10.50 hrs (plug bump to test csg)

Production Cement

Date cmt'd: 6-Jan-06
 Cement : 470 sx 50/50 POZ : Class G Cement
 + 0.25 lb/sx D029 Cellophane Flakes
 + 3% D020 Bentonite
 + 1.00 lb/sx D024 Gilsonite Extender
 + 0.25% D167 Fluid Loss
 + 0.15% D065 Dispersant
 + 0.10% D800 Retarder
 + 0.10% D046 Antifoam
 + 3.5 lb/sx Phenoseal
 1.45 cuft/sx, 681.5 cuft slurry at 13.0 ppg
 Displacement: 115 bbls
 Bumped Plug: did not bump
 Final Circ Press:
 Returns during job: None Planned
 CMT Returns to surface: None Planned
 Floats Held: ☒ Yes ☐ No

Schematic prepared by:
 Michael P. Neuschafer, Drilling Engineer
 10-January-2006

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 192'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt.	Total:	
7" Intermediate	DISPLACED W/ 123 BBLs. FRESH WATER. CENTRALIZERS @ 3418', 3341', 3255', 3173', 3088', 3003', 227', 98', 55'. TURBOLIZERS @ 2537', 2494', 2451', 2409', 2366'.	Total:	9
4-1/2" Prod.	Began pumping displacement and wiper plug did not release. Pumped 15 bbls of displacement then dropped plug and pumped additional 100 bbls of displacement. Total displacement should have been 188.7 bbls, but only 115 were pumped so as not to have a wet shoe. Estimated TOC is at 7425'.	Total:	5