

Submit 3 Copies To Appropriate District Office

District I

1625 N. French-Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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-103  
May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-045-30890
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ConocoPhillips Co.		6. State Oil & Gas Lease No. E-3521-4
3. Address of Operator P.O. Box 2197, WL3-6081 Houston, Tx 77252		7. Lease Name or Unit Agreement Name Mims 36 State Com
4. Well Location Unit Letter <u>K</u> : 1365 feet from the <u>South</u> line and <u>1900</u> feet from the <u>West</u> line Section <u>36</u> Township <u>30N</u> Range <u>11W</u> NMPM County <u>San Juan</u>		8. Well Number 1M
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5857' GL		9. OGRID Number 217817
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Otero Chacra/Blanco Mesaverde/Basin Dakota
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Acidize Job ☒

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Well was acidized due to heavy scale on tubing. Acidized with 3000 gallons 15% HCL. End of tubing now @ 6657.37' KB. Daily summary report attached.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Chris Gustartis TITLE Regulatory Specialist DATE 08/30/2005

Type or print name Christina Gustartis

E-mail address: christina.gustartis@conocophillips.com Telephone No. (832)486-2463

For State Use Only

APPROVED BY: Charlie R TITLE SUPERVISOR DISTRICT # 3 DATE SEP 01 2005

Conditions of Approval (if any):

**Test/Log/Profile, 08/08/2005 00:00**

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300453089000	SAN JUAN	NEW MEXICO	NMPM-30N-11W-36-K	1,365.00	S	1,900.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
5,857.00	36° 46' 1.244871E-10" N	107° 57' 1.023182E-11" W	12/02/2004	12/09/2004			

**08/08/2005 07:00 - 08/09/2005 18:00**
**Last 24hr Summary**

SICP= 450#, SITP= 420#.

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

Check location for hazards. LO/TO and blow location down. Spot and RU Key rig #15 and all associated equipment. Bleed tbg down to LD tank # 38T. Take 2 gas samples of tri-mingled gas. Kill tbg w/ 10 bbl 2% kcl. Set 2 way ck in hanger. ND master valve, Nu Bope. Load and test BOPE to 200# low for 5 min and 3k high for 10 min. ( blind and pipe rams.). Test was good, charted and witnessed by G.Maez w/ Key Energy Services. Pull 2 way ck. Bleed csg down. Unseat hanger and remove. TIH w/ 3 jts 2 3/8" tbg and tag fill @ 6768'. ( 20' fill in rat hole. no perfs covered.) Tooh standing back and tallying. ( Found heavy scale on tbg @ Stand # 63 [ 3930' to 6690' ]). Will need to run a scraper. Leave kill string in hole. Secure well SDFN.

**08/09/2005 07:00 - 08/09/2005 15:00**
**Last 24hr Summary**

SICP=500#

Pjism w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed jsa.

Bwd, Tooh w/ 48 jts 2 3/8" tbg. Mu Baker csg scraper on 2 3/8" tbg and tag scale @ 3900'. Unable to work thru scale. Contacted Engineering and decided to acidize w/ 3000 gal 15% HCL. Tooh w/ tbg and LD scraper. TIH open ended to prep for acid job in the morning. Secure well and SDFN.

**08/10/2005 07:00 - 08/10/2005 18:00**
**Last 24hr Summary**

SICP=450#

Pjism w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed jsa.

RU Schlumberger acid equipment. Tih to 6766'. Pressure test lines to 3k. Spot 1000 gal 15% HCL. Flush w/ 4 bbl. PUH to 3900'. Spot 1000 gal 15% HCL. Flush w/ 14 bbl. Bull head 1000 gal 15% HCL down 4.5 x 2 3/8" ann. Flush w/ 65 bbl. Let acid set for 30 min. Pooh w/ 3900' tbg. MU and tih w/ 3 7/8" Varel roller cone bit, 3 7/8" string mill, bit sub and 216 jts 2 3/8" tbg. Tag fill @ 6746'. Pooh w/ 120 jts 2 3/8" tbg Secure well SDFN.

**08/11/2005 07:00 - 08/11/2005 20:00**
**Last 24hr Summary**

SICP=450#.

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

BWD, TIH and tag fill @ 6746'. RU swivel. Establish circulation w/ 1100 Cfm air mist. Unload hole. C/O fill from 6746' to pbtd of 6778'. Circulate clean. Pooh w/ 217 jts tbg. Mu Baker 4" Gplug RBP & 1.81" FN on 2 3/8" tbg and Rih and set @ 3800'. Bottom CH perf @ 3752'. Blow well around w/ air. POOH w/ 13 jts 2 3/8" tbg to 3387'. Open well to flow to Lay down tank w/ 1/2" choke @ surface. Flow test CH formation for 4 hrs as follows:

CH perfs. 3219'-3752'.

2 3/8" tbg set @ 3387'.

SICP= 200#

FTP= 40#

CH prod= 264 MCFPD

1 BWPD

O BOPD

No sand.

Test witnessed by G.Maez w/ Key Energy Services.

Secure well SDFN.

**08/12/2005 07:00 - 08/12/2005 18:00**
**Last 24hr Summary**

SICP=450#

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA

BWD, TIH and tag RBP @ 3800'. Equilize pressure, release RBP. Rih and re-set RBP @ 5000'. Establish circulation w/ air. Unload hole. Puh to 4530'.

Open well flowing to atmosphere w/ 1/2" choke @ surface. Flow test MV/CH for 6 hrs as follows:

RBP set @ 5000'

2 3/8" tbg set @ 4530'. w/ 1/2" choke @ surface. ( choke coefficient of 6.6 )

Chacra Perfs - 3219'-3752'

MV Perfs- 3837'- 4870'.

SICP= 350#

FTP= 130#

MV/CH production= 858 MCFPD

CH production= 264 MCFPD from 8/11/05 flow test

MV production= 858 - 264= 594 MCFPD

5-7 BWPD

1/2 BOPD

No sand. Test witnessed by G.Maez w/ Key Energy Services.

Secure well SDFN.

**08/15/2005 07:00 - 08/16/2005 18:00**

**Last 24hr Summary**

SICP=500#, SITP= 480#

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA BWD, Tih to 4990'. Establish circulation w/ air. Unload hole. Circulate clean. PUH to 3781'. RU tbg flow line. PJSM w/ Loggers. RU H&H wireline. RIH w/ EOT locator and find Plug @ 5000'. PUH and find EOT @ 3781'. Pooh and RU Protechnics memory production logging tools. RIH below perfs @ 4920'. Record Static BH pressure for 15 min. Open well flowing w/ 1/2" choke @ surface. Let flow stabilize. SICP= 400#, FTP= 160#. Log MV w/ 8 passes. Pooh w/ tools. Retrive data. RD service companys. Take 2 MV/CH Gas samples. Secure well SDFN.

**08/16/2005 07:00 - 08/17/2005 18:00**

**Last 24hr Summary**

SICP=450#

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA BWD, Tih to 4990'. Tag w/ 10' fill. Establish circulation w/ air. Unload hole. C/O fill from 4990' to plug @ 5000'. Circulate clean. Latch onto and release RBP. Pooh and LD tools. MU and Rih w/ 2 3/8" exp. ck, 1.81" FN and 215jts 2 3/8" tbg. Tag fill @ 6695'. Establish circulation w/ air. Unload hole. C/O fill from 6695' to PBTD of 6778'. Circulate clean. PUH to 6520'. Pump off exp. ck @ 790#. Unload hole w/ air. Prep for DK production log. Secure well SDFN.

**08/17/2005 07:00 - 08/18/2005 18:00**

**Last 24hr Summary**

SICP=500#

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA BWD, Tih to 6770'. Tag w/ 8' fill. Establish circulation w/ air. Unload hole w/ 1100 cfm. C/O fill to PBTD of 6778'. Circulate clean. PUH to 6520'. PJSM w/ logging crews. RU H&H wireline. RIH w/ EOT locator. Tag fill @ 6770'. Perfs still open. PUH and find EOT @ 6521' WLM. Pooh. RU Protechnics Completion Profile logging tools. RIH to get static BHP and tagged fill 8' higher than EOT locator run. ( 6762' ). Well is returning heavy fluid and heavy sand. Contacted engineering. Decided to C/O on bottom till sand and water production slows. Circulate @ 6776' remainder of day. Fluid did not slow down by close of day. Sand did slow to 2 cups from 4 cups per 5 gal fluid. Pooh w/ 10 jts 2 3/8" tbg. Secure well SDFN.

**08/18/2005 07:00 - 08/19/2005 18:00**

**Last 24hr Summary**

SICP=500#

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA BWD, Tih to 6774'. Tag w/ 4' fill. Establish circulation w/ air. Unload hole w/ 1100 cfm. C/O fill to PBTD of 6778'. Circulate clean. PUH to 6520'. PJSM w/ logging crews. RU H&H wireline. RIH w/ EOT locator. Tag fill @ 6776'. All perfs open. PUH and find EOT @ 6521' WLM. Pooh. RU Protechnics Completion Profile logging tools. RIH to get static BHP. Open well w/ 450# SICP and 570# on tbg. Well started returning heavy fluid. FTP @ 50#. Contacted engineering. Decided to circulate another day on bottom and see if water production slows. Secure well SDFN.

**08/19/2005 07:00 - 08/20/2005 18:00**

**Last 24hr Summary**

SICP=550#, SITP= 670#.

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA BWD, Tih and tag 2' fill. Establish circulation w/ air. Unload hole and c/o fill to PBTD of 6778'. Unable to get loggers. Circulate remainder of day. PUH to 6250'. Open well flowing up tbg. FTP= 90#. SICP= 450#. Leave w/ dry watch for WE to unload fluid.

**08/22/2005 07:00 - 08/23/2005 18:00**

**Last 24hr Summary**

FTP= 140#, SICP= 490#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. RU H&H wireline. MU and Rih w/ EOT locator. Tag @ 6776'. PUH and find EOT @ 6521'. Pooh. Ru Protechnics memory logging tools. Rih and record Static BH pressure. Open well flowing up tbg w/ 1/2" choke @ surface. Pressures stabilized @ SICP= 490#, FTP= 150#. Log DK w/ 8 passes. Pooh w/ tools. Retrive Data. RD Protechnics. Tih w/ 2 3/8" tbg. to landing depth. Rih w/ 1.906" slick line tbg. drift. Tight spot @ 1850'. Pooh. Rih w/ plug and set in FN. Rd slickline. Pooh w/ 213 jts 2 3/8" tbg. Mu and tih w/ 1/2 MS expendable ck, 1.81" FN and 40 jts 2 3/8" tbg. drifting w/ 1.901" tbg drift. Secure well SDFN.

**08/23/2005 07:00 - 08/24/2005 16:00**

**Last 24hr Summary**

SICP=500#

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA. Bwd. Continue to drift tbg in hole. Found 5 jts that would not drift. ( Replaced w/ yellow band tbg. ) Tag fill @ 6772'. ( 6' fill ). Establish circulation w/ air. Unload hole, C/O fill to PBTD of 6778'. Circulate clean. Pooh and LD 4 jts. RU tbg hanger ,drop ball and land well w/ 213 jts 2 3/8" tbg, 1.81" FN. and MS re-entry guide. EOT @ 6657.37' KB. ( Landed well 1 jt higher than originally landed due to very little rat hole. ) ND BOPE, Nu Master valve. RU air and pump out expendable ck @ 880#. Unload hole. Open well flowing to LD tank to ensure all O2 is purged. RD equipment and unit. Move all rig equipment off location to SJ 28-7 # 188F. Will move unit in the morning. Notified operator and turned well over to operations. SWI. FINAL REPORT.