Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
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
Revised August 1, 2011

WELL API NO. 30-015-26313	
5. Indicate Type of Lease STATE X FEE ☐	
6. State Oil & Gas Lease No. K-3271	
SUNDRY NOTICES AND REPORTS ON WELLS (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.)	7. Lease Name or Unit Agreement Name James A
1. Type of Well: Oil Well X Gas Well ☐ Other	8. Well Number 9
2. Name of Operator ConocoPhillips Company	9. OGRID Number 217817
3. Address of Operator POB 51810 Midland TX 79710	10. Pool name or Wildcat Cabin Lake;Delaware (8435)
4. Well Location Unit Letter A : 660 feet from the NORTH line and 500 feet from the EAST line	
Section 2 Township 22S Range 30E NMPM County LEA	
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3218	

RECEIVED
AUG 10 2012
NMOCD ARTESIA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK X	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

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

ConocoPhillips plans to complete this well in the upper Brushy Canyon/Cherry Canyon well as per the attached. It is currently producing in the lower Delaware thru perfs 6405-7451'.

Spud Date: Rig Release Date:

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

SIGNATURE Ashley Martin TITLE Regulatory Staff Tech DATE 8/10/2012

Type or print name Ashely Martin E-mail address: Ashley.martin@conocophillips.com PHONE:

For State Use Only

APPROVED BY: R Shepard TITLE Geologist DATE 8/10/2012

James A 09
Recomplete
API: 30-015-26313
AFE #TBD

Objective of this Work:

The purpose of the proposed project is to recomplete the James A #09 to the Upper Brushy Canyon and Cherry Canyon. The subject well was drilled in May 1990 to a depth of 7530' and completed in the Delaware from 6405-7451'.

Present Status: Wellbore is producing

Approvals:

Production Engineer:	**David McPherson**	**Date: 06-26-2012**
Project Planner:	_____	**Date:** _____
Production Supervisor:	_____	**Date:** _____

Maximum Anticipated Well Category: 1 this well is incapable of flowing at rates greater than 500 MCFD. The barrier requirements would then be ***one untested barriers***

BOPE Class: 2 BOP equipment will only be used while pulling and re-installing coiled. MPSP is expected to be 900 psi or less at maximum SI pressure.

AFE Number:	**TBD**
API Number:	**30-015-26313**
Field:	Cabin Lake
Location:	660' FNL & 500' FEL, Sec-02, T-22-S, R-30-E, Eddy County, NM
Depths:	TD =7,530' PBTD =7,483'
Elevation:	GL =3220' KB =12' KBM =3232'
Spud Date:	05/30/1990

Recommended Procedure and Notes

Notes:

1. All depths in this procedure are referenced from KB unless noted otherwise.

2. Please give service companies 48 hours advance notice prior to performing work on the well.

3. Hold pre-job safety meetings prior to beginning any new work.

PROCEDURE

1. Hold safety meeting and review JSA prior to proceeding, and again at other times throughout the job as necessary.

2. Notify Champion of pull schedule.

3. MI-RU WSU and ancillary equipment. MI and spot __ **tanks** on location. Add bactericide (Champion Bactron K-31 @ 0.6 gpt) to the first load when filling each frac tank.

4. POOH w/ rods and pump. Visually inspect polish rod and rod string for cracks; nicks, wear. Replace as required (see pre-pull in WellView).

5. RU wireline; TIH with BHP gauge and get static BHP before killing the well with any saltwater.

6. ND WH and NU BOPE according to standard ConocoPhillips policy.
7. Tag for fill (EOT @ 7438', PBTD @ 7483'). Scan tbg while POOH. Replace any joints that do no scan yellow band or better.

8. TIH with bit & scraper to PBTD @ 6400'±. POOH standing back tubing.

9. MI-RU e-line service. RIH with GR/CCL & gauge ring/junk basket to 6400'± to verify clear hole. POOH. Correlate depth control to gamma ray on ***Depth Control log dated 7/17/1990.*** Set top drill CBP rated at least 5K @ 6350'±; RD Eline; RU pump truck and test casing to 1000 psi. RD pump truck.

10. RU full lubricator shop tested to 2000 psig. Perforate using ***Titan 3-1/8" Slick gun with EXP-3319-322T charges (eh=0.40", pen=40.32")*** or equivalent loaded at 2 SPF on 60 degree phasing. Perforate the casing from the bottom up as follows:

Upper Brushy Canyon

Formation	Perf Top	Perf Bottom	Interval	SPF	Total Shots
Brushy Canyon	6200	6224	24	1	24
Brushy Canyon	6280	6290	10	1	10
Brushy Canyon	6158	6166	8	1	8
Total			42		42

11. POOH perforating guns and verify number of shots fired. Record in Wellview. RDMO perforating service.

12. PU-RIH w\ 5½" treating packer on 3½", 9.3#/ft L-80 workstring. Hydro-test workstring to 5000 psi, note all testing will be performed below grade. Once on depth release hydro-test and set treating packer @ 5900'±, place a pressure gauge on tubing-casing backside, close pipe rams and monitor 2⅞" x 5½" backside pressure throughout fracture treatment.

13. Order Frac Tanks and Frac Fluids as directed by ***Schlumberger***.

14. MI-RU ***Schlumberger*** stimulation services. RU frac valve directly onto 3½" workstring to frac the Upper Brushy Canyon @ 30 bpm (proposal to follow). Bring adequate horsepower to accomplish 30 bpm @ 3,500 psi. An acid ball-out will be part of the procedure, so a remote ball launcher and N2 operated relief valve are required. Place a pressure gauge on the tubing-casing backside and monitor 3½" x 5½" backside pressure throughout job.

TREATING LINE TEST PRESSURE: A minimum 500 psig over MAWP. *Acceptable test will be no more than 300 psi leak off in 5 minutes, with no more than 1% leak off in last minute, AND NO VISIBLE LEAKS).*	**5000**	**PSIG**
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system (80% of J-55 casing burst)	**3850**	**PSIG**
NITROGEN POP-OFF SETTING: *the valve is to be tested prior to pumping, and must pop within 500 psi of set pressure.*	**3800**	**PSIG**
TRUCK KILL SETTING	**3750**	**PSIG**
MAXIMUM ALLOWABLE TREATING PRESSURE: If reached, human action required.	**3700**	**PSIG**
MAXIMUM ANTICIPATED TREATING PRESSURE: Based on frac design	**3500**	**PSIG**

15. Breakdown the Brushy Canyon with slickwater and frac with a total of 75,000# 16/30 resin coated sand as per attached procedure from Schlumberger.

16. Obtain ISIP. Continue monitoring and recording for 20 minutes following shut-in (every 5 minutes).

17. RD-MO ***Schlumberger*** stimulation equipment.

18. Shut-in well overnight to allow Resin time to cure

19. Flow well back until well loads up and dies.

20. Release packer & POOH with work string.

21. MI-RU e-line service. Correlate depth control to gamma ray on ***Depth Control log dated 7/17/1990.*** Set top drill CBP rated at least 5K @ 5955±; RD Eline; RU pump truck and test casing to 1000 psi. RD pump truck.

22. RU full lubricator shop tested to 2000 psig. Perforate using ***Titan 3-1/8" Slick gun with EXP-3319-322T charges (eh=0.40", pen=40.32")*** or equivalent loaded at 2 SPF on 60 degree phasing. Perforate the casing from the bottom up as follows:

Lower Cherry Canyon

Formation	Perf Top	Perf Bottom	Interval	SPF	Total Shots
Cherry Canyon	5744	5754	10	1	10
Cherry Canyon	5876	5890	14	1	14
Cherry Canyon	5906	5914	8	1	8
Total			32		32

23. POOH perforating guns and verify number of shots fired. Record in Wellview. RDMO perforating service.

24. PU-RIH w\ 5½" treating packer on 3½" workstring. Load wellbore and set treating packer @ 5600'±, place a pressure gauge on tubing-casing backside, close pipe rams and monitor 3½" x 5½" backside pressure throughout fracture treatment.

25. Order Frac Tanks and Frac Fluids as directed by ***Schlumberger***.

26. MI-RU ***Schlumberger*** stimulation services. RU frac valve directly onto 3½" workstring to frac the Lower Cherry Canyon @ 30 bpm (proposal to follow). Bring adequate horsepower to accomplish 30 bpm @ 3,500 psi. An acid ball-out will be part of the procedure, so a remote ball launcher and N2 operated relief

valve are required. Place a pressure gauge on the tubing-casing backside and monitor 3½" x 5½" backside pressure throughout job.

TREATING LINE TEST PRESSURE: A minimum 500 psig over MAWP. *Acceptable test will be no more than 300 psi leak off in 5 minutes, with no more than 1% leak off in last minute, AND NO VISIBLE LEAKS).*	**5000**	**PSIG**
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system (80% of J-55 casing burst)	**3850**	**PSIG**
NITROGEN POP-OFF SETTING: *the valve is to be tested prior to pumping, and must pop within 500 psi of set pressure.*	**3800**	**PSIG**
TRUCK KILL SETTING	**3750**	**PSIG**
MAXIMUM ALLOWABLE TREATING PRESSURE: If reached, human action required.	**3700**	**PSIG**
MAXIMUM ANTICIPATED TREATING PRESSURE: Based on frac design	**3500**	**PSIG**

27. Breakdown the Lower Cherry Canyon with slickwater and frac with a total of 75,000# 16/30 resin coated sand as per attached procedure from Schlumberger.

28. Obtain ISIP. Continue monitoring and recording for 20 minutes following shut-in (every 5 minutes).

29. RD-MO ***Schlumberger*** stimulation equipment.

30. Shut-in well overnight to allow Resin time to cure

31. Flow well back until well loads up and dies.

32. Release packer & POOH with work string.
33. MI-RU e-line service. Correlate depth control to gamma ray on ***Depth Control log dated 7/17/1990.*** Set top drill CBP rated at least 5K @ 5710±; RD Eline; RU pump truck and test casing to 1000 psi. RD pump truck.

34. RU full lubricator shop tested to 2000 psig. Perforate using ***Titan 3-1/8" Slick gun with EXP-3319-322T charges (eh=0.40", pen=40.32")*** or equivalent loaded at 2 SPF on 60 degree phasing. Perforate the casing from the bottom up as follows:

Cherry Canyon

Formation	Perf Top	Perf Bottom	Interval	SPF	Total Shots
Cherry Canyon	5432	5442	10	1	10
Cherry Canyon	5560	5570	10	1	10
Cherry Canyon	5600	5610	10	1	10
Total			30		30

35. POOH perforating guns and verify number of shots fired. Record in Wellview. RDMO perforating service.

36. PU-RIH w\ 5½" treating packer on 3½" workstring. Load wellbore and set treating packer @ 5300'±, place a pressure gauge on tubing-casing backside, close pipe rams and monitor 3½" x 5½" backside pressure throughout fracture treatment.

37. Order Frac Tanks and Frac Fluids as directed by ***Schlumberger***.

38. MI-RU ***Schlumberger*** stimulation services. RU frac valve directly onto 3½" workstring to frac the Cherry Canyon @ 30 bpm (proposal to follow). Bring adequate horsepower to accomplish 30 bpm @ 3,500 psi. An acid ball-out will be part of the procedure, so a remote ball launcher and N2 operated relief valve are required. Place a pressure gauge on the tubing-casing backside and monitor 3½" x 5½" backside pressure throughout job.

TREATING LINE TEST PRESSURE: A minimum 500 psig over MAWP. *Acceptable test will be no more than 300 psi leak off in 5 minutes, with no more than 1% leak off in last minute, AND NO VISIBLE LEAKS).*	**5000**	**PSIG**
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system (80% of J-55 casing burst)	**3850**	**PSIG**
NITROGEN POP-OFF SETTING: *the valve is to be tested prior to pumping, and must pop within 500 psi of set pressure.*	**3800**	**PSIG**
TRUCK KILL SETTING	**3750**	**PSIG**
MAXIMUM ALLOWABLE TREATING PRESSURE: If reached, human action required.	**3700**	**PSIG**
MAXIMUM ANTICIPATED TREATING PRESSURE: Based on frac design	**3500**	**PSIG**

39. Break down the Cherry Canyon with slickwater and frac with a total of 75,000# 16/30 resin coated sand as per attached procedure from Schlumberger.

40. Obtain ISIP. Continue monitoring and recording for 20 minutes following shut-in (every 5 minutes).

41. RD-MO ***Schlumberger*** stimulation equipment.

42. Shut-in well overnight to allow Resin time to cure

43. Flow well back until well loads up and dies.

44. Release packer & POOH with work string.

45. PU bit for 5½" casing. TIH and drill out CBP @ 5710'±. Continue TIH. Drill out CBP @ 5955'±. Continue TIH. Drill out CBP @ 6100'±. Continue TIH to CBP @ 6350'±. Do not drill out CBP at this time. Circulate well clean.

46. POOH laying down 3½" work string. PU-RIH w/ 2⅞" production tubing and land EOT @ 6200'±.

47. ND BOP's; NU WH according to standard ConocoPhillips policy (well falls under Category 2 for well control).

48. PU-RIH w/ pump and rod string as per Rodstar design (see in Wellview).

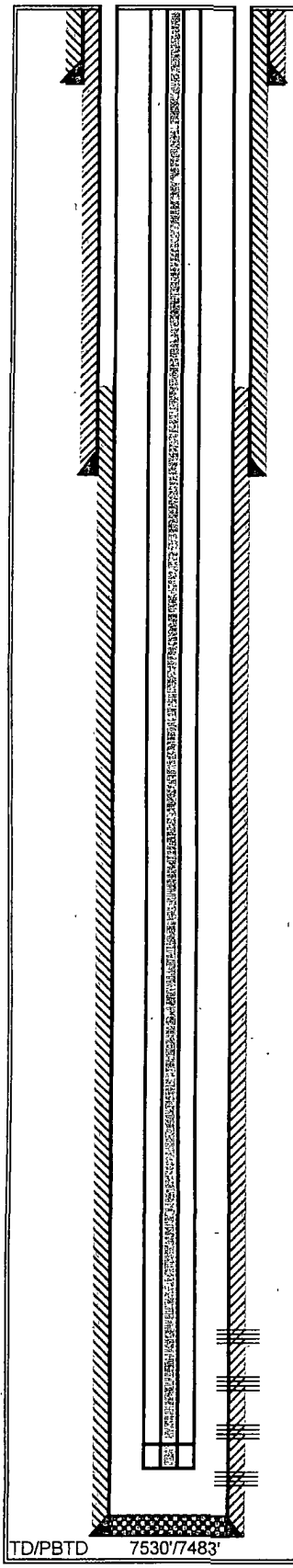
49. Long stroke to confirm good pump action. Hang well off.

50. RDMO WSU and ancillary equipment.

51. Clean- up location, remove trash, dispose of produced fluids, and release any remaining ancillary equipment.

52. Record all well work performed in WellView.

53. Contact Production Specialist before turning well over to operations. Place on production, report production rates, and fluid levels in Avocet.



13⅜" H-40# @ 400' cmt w/ 700 sxs

TOC @ 2840' by TS

8⅝" 24# @ 3500' cmt w/ 1400 sxs

Perfs: 6405-6486' (10/4/90)

Perfs: 7111-7162' (9/20/90)

Perfs. 7256-7346' (8/1/90)
EOT @ 7437:72'
Perfs: 7439-7451' (7/18/90)

5½" 15.5# @ 7529' cmt w/ 1130 sx

PRESENT MECHANICAL SKETCH

CURRENT WELLBORE DIAGRAM

JAMES A 09

660' FNL & 500' FELL Sec 02 T22S R30E

API #:	30-015-26313	32° 25' 34.752" N
FIELD:	Cabin Lake	103° 50' 38.364" W
CO ST:	Eddy NM	
DATES:	**SPUD:** 5/30/90	**IC:** 12/13/90
	LAST WORKOVER:	
	DIAGRAM REVISED:	D. McPherson 05/08/2012

	CASING		LINER	TUBING
Hole Size				
Pipe Size	13⅜"	8⅝"	5½"	2⅞"
Weight	48#	24#	15.5#	6.5#
Grade	H-40	J-55	J-55	J-55
Thread		ST&C	LT&C	8 rd
Depth	400'	3500'	7529'	7436.7'
ELEVATION.	GR 3220'; KB 3232'			

TUBING		From	To
Elevation	12.00	0.00	12.00
197 jts 2⅞" 6.5# J-55 tbg	6225.87	12.00	6237.87
1 - tubing marker sub	8 10	6237.87	6245.97
2 jts 2⅞" 6.5# J-55 tbg	63 75	6245.97	6309.72
1 - Tubing anchor	2.75	6309.72	6312.47
32 jts 2⅞" 6.5# J-55 tbg	1015.33	6312.47	7327.80
1 - Endura Joint	31.72	7327.80	7359.52
1 - SN	1 10	7359.52	7360.62
1 - Cavins Desander	19.30	7360.62	7379.92
1 - Fiberglass tail pipe	57.30	7379.92	7437.22
1 - bull plug	0.50	7437.22	7437.72

RODS		From	To
1 - 1½" polished rod	26.00	9.00	35.00
1 - 1" Sucker rods sub	6.00	35.00	41.00
83 - 1" sucker rods	2075.00	41.00	2116.00
85 - ⅞" sucker rods	2125.00	2116.00	4241.00
113 - ¾" sucker rods	2825.00	4241.00	7066.00
10 - 1½" sinker bars w/guid	270.00	7066.00	7336.00
1 - 1¼" rod insert pump	24.00	7336.00	7360.00

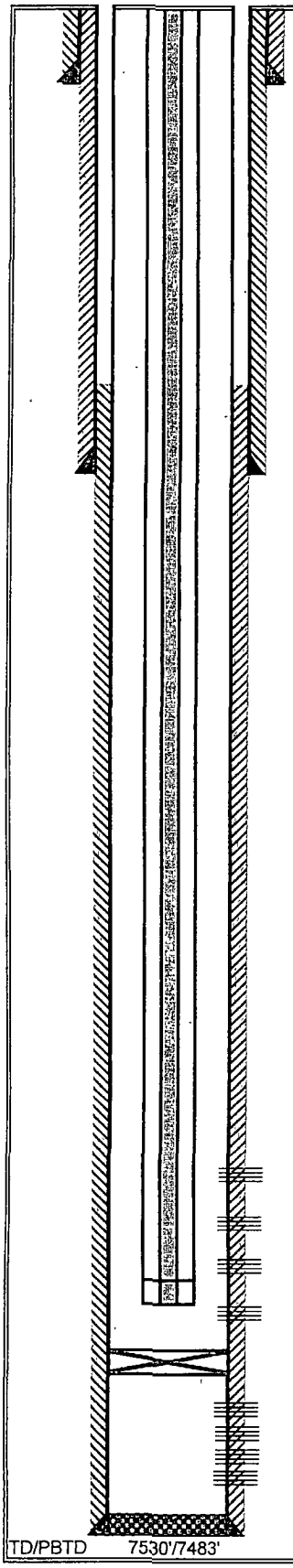
COMMENTS

PROPOSED MECHANICAL SKETCH

JAMES A 09

660' FNL & 500' FEL Sec 02 T22S R30E

API #:	30-015-26313	32° 25' 34.752" N
FIELD:	Cabin Lake	103° 50' 38.364" W
CO ST:	Eddy NM	
DATES:	**SPUD:** 5/30/90	**IC:** 12/13/90
	LAST WORKOVER:	
	DIAGRAM REVISED:	D. McPherson 05/08/2012



13⅜" H-40# @ 400' cmt w/ 700 sxs

TOC @ 2840' by TS

8⅝" 24# @ 3500' cmt w/ 1400 sxs

Cherry Canyon
Perfs. 5419-5455', 5560-5580', 5600-5610', 5690-5700'

Lower Cherry Canyon
Perfs: 5720-5800', 5840-5930'

Top Brushy Canyon
Perfs: 5965-5980'

Upper Brushy Canyon
Perfs· 6200-6230', 6280-6300'

RBP @ 6350'±

Perfs: 6405-6486' (10/4/90)
Perfs: 7111-7162' (9/20/90)
Perfs: 7256-7346' (8/1/90)
Perfs: 7439-7451' (7/18/90)

5½" 15.5# @ 7529' cmt w/ 1130 sx

TD/PBTD 7530'/7483'

	CASING			LINER	TUBING
Hole Size					
Pipe Size	13⅜"	8⅝"	5½"		2⅞"
Weight	48#	24#	15.5#		6 5#
Grade	H-40	J-55	J-55		J-55
Thread		ST&C	LT&C		8 rd
Depth	400'	3500'	7529'		6200'±
ELEVATION:	GR 3220'; KB 3232'				

TUBING		From	To
Elevation	12.00	0.00	12.00
163 jts 2⅞" 6.5# J-55 tbg	4988.15	12 00	5000 15
1 - tubing marker sub	8.10	5000.15	5008.25
2 jts 2⅞" 6.5# J-55 tbg	63.75	5008.25	5072.00
1 - Tubing anchor	2.75	5072.00	5074.75
32 jts 2⅞" 6.5# J-55 tbg	1015.33	5074.75	6090.08
1 - Endura Joint	31.72	6090 08	6121.80
1 - SN	1.10	6121 80	6122 90
1 - Cavins Desander	19.30	6122.90	6142.20
1 - Fiberglass tail pipe	57.30	6142.20	6199 50
1 - bull plug	0.50	6199.50	6200.00

RODS		From	To
1 - 1½" polished rod	26.00	9 00	35 00
31 - 1" Sucker rods sub	18.00	35.00	53.00
83 - 1" sucker rods	2075.00	53.00	2128 00
85 - ⅞" sucker rods	2125.00	2128.00	4253 00
63 - ¾" sucker rods	1575.00	4253.00	5828.00
10 - 1½" sinker bars w/guid	270.00	5828.00	6098.00
1 - 1¼" rod insert pump	24.00	6098.00	6122.00

COMMENTS