OCD Hobbs HOBBS OCD

Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 23 2012
RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

5. Lease Serial No.: NMLC031740B
6. If Indian, Allottee or Tribe Name:
7. If Unit of CA/Agreement, Name and/or No.:
1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
8. Well Name and No.: Meyer B 4 28
2. Name of Operator: ConocoPhillips Company
9. API Well No.: 30-025-23931
3a. Address: 3300 N "A" St Midland TX 79705
3b. Phone No. *(include area code)*: (432)688-9174
10. Field and Pool or Exploratory Area: Eumont Yates/7rvs/Queen
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: UL R, 2230' FSL & 1980' FEL, Sec 4, 21S, 36E
11. County or Parish, State: LEA NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[ ] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[X] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Surface pressure was detected in Meyer B4#28 after plugging operations were concluded. Both the production casing and well annulus (production - surface casing) builds to 150± psi and bleeds gas (75% N2 & 25% Methane). It is proposed to drill out cement in production casing to a depth of 1150'±, and re-plug from that depth based on discussions with BLM personnel out of Carlsbad, NM office.

Note: This proposed procedure has been discussed w/ James Amos w/ the BLM and it will be reviewed and approved by BLM prior to proceeding. The original plug and abandonment procedure included setting balanced cement plugs (@ 5,605', 5000', 3,850', and 3,400') on 1/17-19/2012. The production casing was perforated and cement squeezed @ 2, 635', 2,567', 1,350', 749', and 60') on 1/19 - 23/2012, cement squeeze job was performed by setting packer and pumping cement (see daily report for details).

Current well production: none

Well cannot be left in current condition and re-plug must be performed to comply with ConocoPhillips Well Integrity Guidelines and Bureau of Land Management, New Mexico.

Attached procedure, wellbore schematics. Note: 1 change. COA's from initial approval. Apply.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: Rhonda Rogers
Title: Staff Regulatory Technician

Signature: Rhonda Rogers
Date: 05/15/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: James A. Amos
Title: SEPS
Date: 5-16-12

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. 5-24-2012
Office: CFO

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

ConocoPhillips
SENM/Hobbs West Asset

Project MO# A704823 / 811000
May 14, 2012

Meyer B4 # 28
Re-Plug Procedure
API Number: 30-025-23931

To: Larry Deen – Projects Supervisor
CC: John Coy – Hobbs Prod. Supervisor
Sean Robinson – HW Prod. Foreman

A. Project Justification

Surface pressure was detected in Meyer B4#28 after plugging operations were concluded. Both the production casing and well annulus (production - surface casing) builds to 150± psi and bleeds gas (75% N2 & 25% Methane). It is proposed to drill out cement in production casing to a depth of 1150'±, and re-plug from that depth based on discussions with BLM personnel out of Carlsbad, NM office.

Note: This proposed procedure has been discussed w/ James Amos w/ the BLM and it will be reviewed and approved by BLM prior to proceeding. The original plug and abandonment procedure included setting balanced cement plugs (@ 5,605', 5000', 3,850', and 3,400') on 1/17-19/2012. The production casing was perforated and cement squeezed @ 2,635', 2,567', 1,350', 749', and 60') on 1/19 – 23/2012, cement squeeze job was performed by setting packer and pumping cement (see daily report for details).

Current well production: none

Well cannot be left in current condition and re-plug must be performed to comply with ConocoPhillips Well Integrity Guidelines and Bureau of Land Management, New Mexico.

B. Current Well Conditions (Equipment and Perforations)

Location: 1980' E & 2230' S, Section 4, T21S, R36E

Depths: TD = 6335' PBTD = 6295'

Casing/Tubing Data:

Casing:	CSG Size	CSG WT (lb/ft)	Capacity (bbls/ft)	Cement (sacks)
Surface	8 5/8"	20	0.0652	600
Production	5 1/2"	14	0.0244	450

C. Well Category

This well is not capable of hydrocarbon flow. Class 1, 1000 psi, Hydraulic BOP is recommended. ONE BOP EXCEPTION: One untested barrier – dynamic fluid column.

D. Recommended Procedure

Hold tailgate safety meeting. Prepare & review necessary JSA's prior to proceeding.

The Following conditions should already exist on location:

- Well service unit & ancillary equipment (drilling package – rotary, swivel, high pressure pump, open top frac tanks for volume storage and returns, etc.)
- Shop tested Class 1, Hydraulic BOP (2 7/8" pipe rams on top and blind rams on bottom)
- Environmental tray

1. PU a mill, collars, and 2 7/8" workstring. RIH to top of 5 ½" casing stub.
2. Resurface top of 5 ½", 14/#/ft (4.950"id, 4.887" drift) casing to accept tie-back string.
3. POOH w/ and lay down large diameter mill and collars.
4. PU a lead seal on 5 ½", 14#/ft or15.5/#/ft) casing.
5. RIH to top of 5 ½" casing stub. Set down on casing stub & re-establish tie-back to surface.
6. ND wellhead.
7. Pull only enough on 5 1/2" casing to minimize buckling.
8. Hang-off 5 ½" casing in 8 5/8"casing.
9. Cut off 5 ½" casing. NU shop tested BOP for 5 ½' casing.
10. PU drilling assembly (tapered mill, collars, subs) on 2 7/8" workstring
11. RIH and tag up on lead seal. Clean out / surface lead seal. POOH.
12. PU drilling assembly (bit, collars, subs) on 2 7/8" workstring
13. RIH w/ drill sting and tag up on top of cement plug to 375'±.
14. Break circulation & proceed to drill cement plugs from 375' - 1150'± w\ 10#/gal brine.
15. Once depth of 1150' is reached, POOH. Stand workstring back in derrick.
16. RU-RIH w/ scrapper and gauge on workstring to confirm casing is full and open. POOH.

17. MI-RU ***perforating*** services with packoff. Test packoff to confirm it holds pressure.
18. PU GR/CCL tool along with perforating run. Correlate depth control to gamma ray on ***Schlumberger*** GR/CCL Cement Bond Log dated 09-29-2010.

19. RIH and perforate 5½" production casing using ***large diameter/shallow penetrating charges*** loaded @ 4 SPF on 90° phasing. Note: **Perforation @ depth of 1150' (RKB) or as directed by BLM**. POOH.
20. Inspect all charges to confirm fired.
21. RD-MO perforating services.

22. PU-RIH w/ treating packer on 2 7/8" workstring. Set treating packer @ 1050'.
23. MI-RU a high pressure pump truck. Pressure test surface lines to 2000 psi.
24. Commence pumping 10#/gal brine down workstring and establish pump in rate and pressure into perforations @ 1150' RKB.

Note: Record & provide pump rate and pressure to cementer along with a sample of the brine to be used for cementing water

Cementing & CIBP's

25. MI a cementing services. RU & pressure test surface lines to a minimum of 2000 psi.

Note: Cementers to bring 200 sacks class "C" neat cement for plugging salt zone

26. Establish injection and begin pumping Class "C" neat cement for salt zone

Note: Send cementing record to Donna Williams – (432-688-6943) in Midland office.

27. Utilize the hesitation squeeze method to build cement pressure

Note: DO not exceed 500 psi or whatever pressure wellbore demonstrates it can maintain and hold – whichever is less

28. **Displace cement to 1100' RKB (using 7.3 bbls brine).**
29. Once cement is displace below packer. Walk pressure in wellbore back up and leave @ 500 psi or maximum pressure establish during squeeze (whichever is less) on workstring.
30. SI-SD and allow cement to set.
31. RD-MO cementers

Once Cement Sets

32. Observe, record, and then release pressure (if still present) before proceeding.
33. Release treating packer.
34. Tag and record location of top of cement. POOH. Stand workstring back in derrick.

35. MI-RU e-line services with packoff. Test packoff to confirm it holds pressure.
36. PU-RIH with GR/CCL tool along with a CIBP. Correlate depth control to gamma ray on ***Schlumberger*** GR/CCL Cement Bond Log dated 09-29-2010.
37. Set CIBP @ 1100' RKB. POOH.
38. RD-MO perforating services.
39. RIH w/ open ended 2 7/8" workstring. Load wellbore with 40 viscosity plugging mud.
40. MI-RU cementers. Spot a balanced class "C" cement plug from 750' – 500'.
41. Pull up hole and circulate workstring out. POOH. Stand workstring back in derrick.
42. RIH w/ open ended workstring. Tag and record top of cement. POOH. Stand workstring back in derrick.

43. MI-RU e-line services with packoff. Test packoff to confirm it holds pressure.
44. PU-RIH with GR/CCL tool along with a CIBP. Correlate depth control to gamma ray on ***Schlumberger*** GR/CCL Cement Bond Log dated 09-29-2010.
45. Set CIBP @ 450' RKB. POOH.
46. RD-MO perforating services.

47. RIH w/ open ended workstring and tag up on CIBP.
48. MI-RU cementers. Spot a balanced class "C" cement plug from 450' – 250'.
49. Pull up hole and circulate workstring out. POOH and stand workstring back in derrick.

* Perforate 5½ as close to Tieback on 5½ SQZ 100' plug. WOC Tag.

50. MI-RU ***perforating*** services with packoff. Test packoff to confirm it holds pressure.
51. PU-RIH with GR/CCL tool along with perforating run. Correlate depth control to gamma ray on ***Schlumberger*** GR/CCL Cement Bond Log dated 09-29-2010.
52. Perforate 8 5/8" surface casing using ***large diameter/shallow penetrating charges*** loaded @ 4 SPF on 90° phasing. Note: **Perforation @ depth of 100' (RKB) or as directed by BLM**. POOH.
53. Inspect all charges to confirm fired.
54. RD-MO perforating services.

55. RIH w/ open ended workstring.
56. Close pipe rams and commence pumping water to establish communication behind the 8 5/8" surface casing (if possible).

Note: Annulus behind 8 5/8" casing: 0.3961 cuft/ft and 0.705 bbls/ft

57. Commence pumping class "C" cement until observed @ surface (est. 30 sacks)
58. MI-RU Cementers.
59. Open pipe rams & circulate class "C" cement to surface inside of 5 ½" casing.
60. POOH w/ 2 7/8" workstring and clean workstring out/off on surface.
61. Confirm top off cement is @ surface once workstring is removed, or top off as needed.
62. RD-MO cementing services.

63. Confirm cement is static then ND BOP and NU wellhead.
64. RD-MO well service unit.
65. Release all ancillary equipment
66. Clean location – remove all trash and debris.

Monitoring Wellbore

67. Install pressure gauges on production and surface casings.
68. Monitor and record surface casing pressure for a minimum of 10 days.
69. Confirm wellbore is static zero (0) psi on pressure gauge. Then it is acceptable to cut off casing heads and abandon wellhead as per BLM requirements.

Schematic - Current

ConocoPhillips

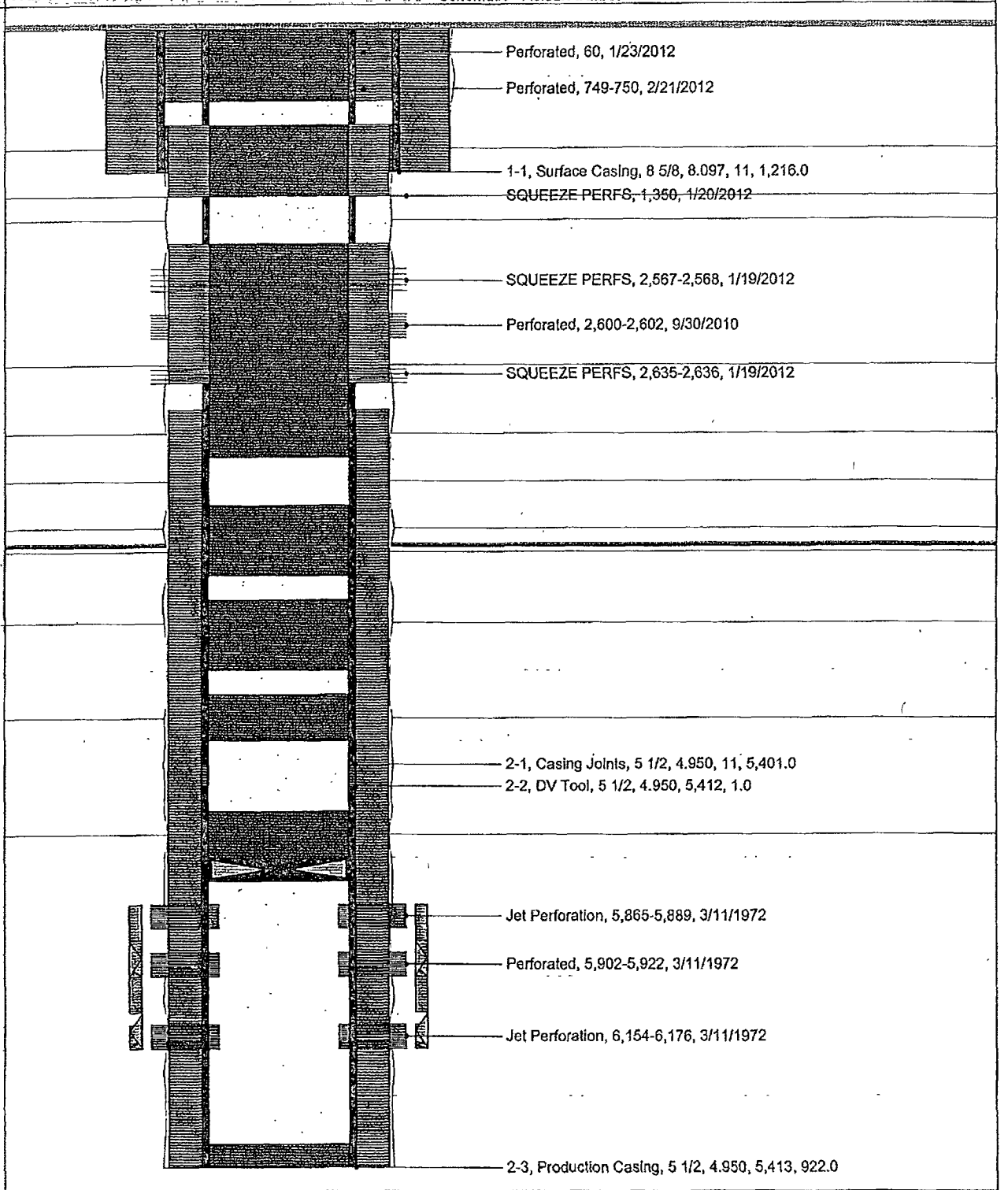
MEYER B-4 28

District	Field Name	API / UWI	County	State/Province
PERMIAN	EUMONT	300252393100	LEA	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
2/12/1972	Sec. 4, T-21S, R-36E	1,980.00	E	2,230.00	S

Well Config: VERTICAL - MAIN HOLE, 3/6/2012 8:45:05 AM

Schematic - Actual



Report Printed: 3/6/2012

ConocoPhillips

Schematic - Current

MEYER B-4 28

Most Recent Job				
Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
ABANDONMENT	ABANDONMENT P&A		1/13/2012	2/23/2012

Well Config: VERTICAL - MAIN HOLE, 3/12/2012 1:19:51 PM

ftKB (MD)	Incl	ftKB (TVD)	Schematic - Actual
11			
60			
749			
750			
1,150			
1,227			
1,350			
2,520			
2,567			
2,568			
2,600			
2,602			
2,635			
2,636			
2,700			
2,944			
3,400			
3,648			
3,850			
3,997			
4,047			
5,000			
5,278			
5,412			
5,413			
5,536			
5,765			
5,770			
5,865			
5,889			
5,902			
5,922			
6,133			
6,154			
6,176			
6,185			
6,235			
6,286			
6,295			
6,335