Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires: July 31, 2010

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.*

RECEIVED
APR 17 2012
Farmington Field Office
Bureau of Land Management

1 Type of Well: [ ] Oil Well [X] Gas Well [ ] Other	5 Lease Serial No.: **Jicarilla Contract 120**
	6. If Indian, Allottee or Tribe Name: Jicarilla Apache
	7 If Unit of CA/Agreement, Name and/or No.
	8 Well Name and No: **Jicarilla 8**
2 Name of Operator: **ConocoPhillips Company**	9 API Well No: **30-039-20143**
3a Address: **PO Box 4289, Farmington, NM 87499**	3b Phone No (include area code): **(505) 326-9700**
	10 Field and Pool or Exploratory Area: **Basin Dakota**
4 Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: **Unit L (NWSW), 1750' FSL & 790' FWL, Sec. 32, T26N, R4W**	11 Country or Parish, State: **Rio Arriba , New Mexico**

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
	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[X] Plug and Abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

BP

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)

ConocoPhillips Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

RCVD APR 26 '12
OIL CONS. DIV.
DIST. 3

14 I hereby certify that the foregoing is true and correct Name *(Printed/Typed)*: **Crystal Tafoya**	Title: **Staff Regulatory Technician**
Signature: Crystal Tafoya	Date: 4/16/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: Original Signed: Stephen Mason	Title	Date: APR 20 2012
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	Office	

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

NMOCD

(Instruction on page 2)

ConocoPhillips
JICARILLA 8
Expense - P&A

Lat 36° 26' 25.724" N **Long 107° 16' 49.584" W**

PROCEDURE

Note: This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up. All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield. **Plug depths may change per CBL.**

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.

3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing. **Note:** When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.

4. ND wellhead and NU BOPE. PU and remove tubing hanger.

5. TOOH with tubing/rods (per pertinent data sheet).

Rods:	No	**Packer:**	No	**Tubing:**	2-3/8" 7490'

6. PU cement retainer for 4-1/2" 11.6# casing and set at 7,451'. Pressure test tubing to 1000 psi. Pressure test casing to 800 psi. If casing does not test, then spot and tag subsequent plugs as necessary. Load casing with water and attempt to establish circulation. Run CBL from top of perforations to surface to confirm cement plug depths.

7. Plug 1 (Dakota perforations & formation top, 7351-7451', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot inside the casing above CR to isolate the Dakota perforations and formation top. POOH.

8. Plug 2 (Gallup formation top, 6380-6480', 51 Sacks Class B Cement)
Perforate 3 HSC holes at 6400'. Set CR at 6350'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Gallup formation top. POOH.

9. Plug 3 (Mancos formation top, 5630-5730', 51 Sacks Class B Cement)
Perforate 3 HSC holes at 5730'. Set CR at 5680'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Mancos formation top. PUH.

10. Plug 4 (Mesa Verde formation top, 4886-4986', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the Mesa Verde formation top. PUH.

11. Plug 5 (Pictured Cliffs formation top, 3213-3315', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the Pictured Cliffs formation top. PUH.

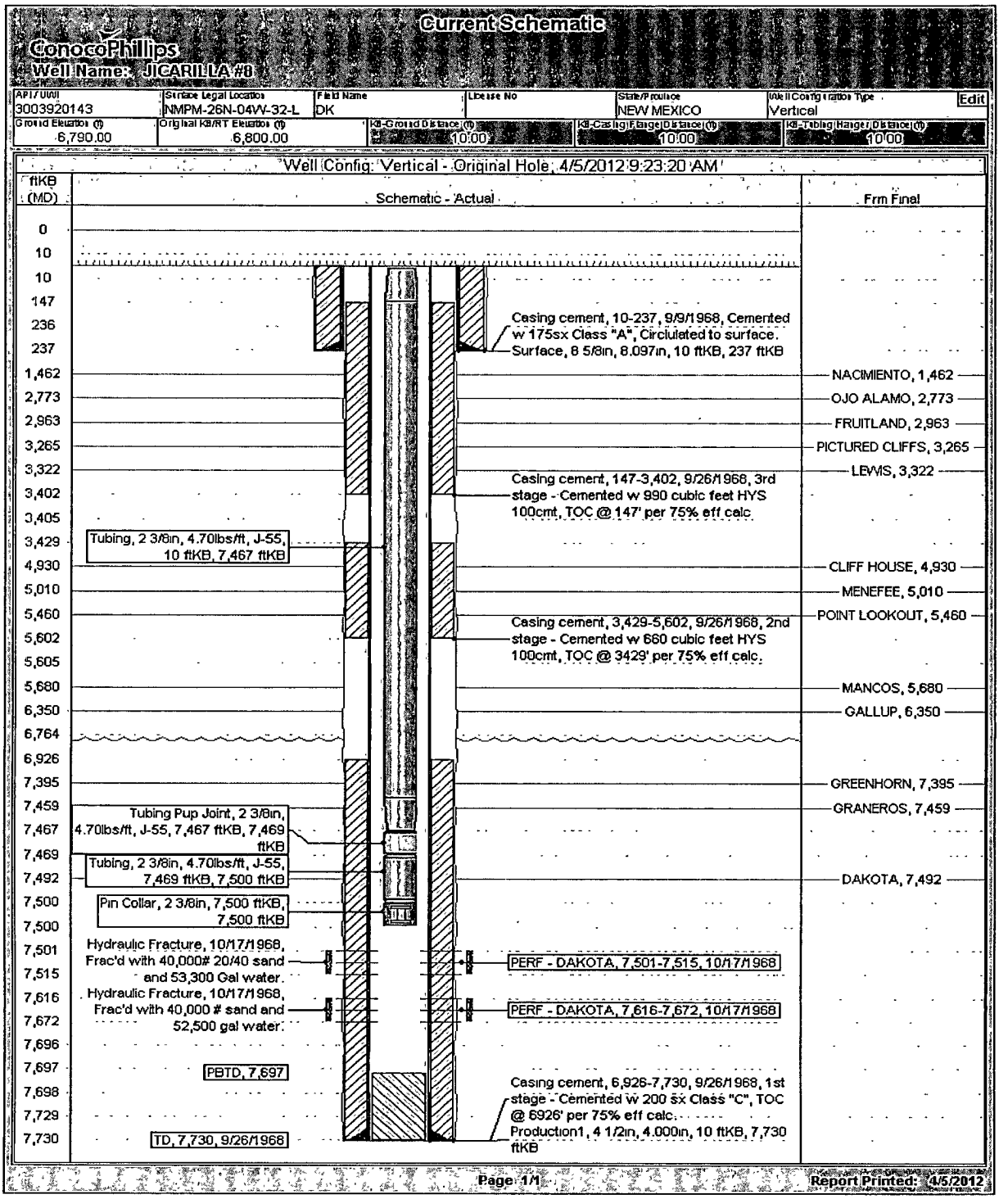
12. Plug 6 (Fruitland & Ojo Alamo formation tops, 2723-3013', 26 Sacks Class B Cement)
Mix 26 sx Class B cement and spot a balanced cement plug inside casing to isolate the Fruitland & Ojo Alamo formation tops. PUH.

13. Plug 7 (Nacimiento, 1412-1512', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the Nacimiento formation tops. PUH.

14. Plug 8 (Surface casing shoe, 187-287', 12 Sacks Class B Cement)
Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the surface casing shoe. POOH & LD tbg.

15. Plug 9 (Surface plug, 0-100', 44 Sacks Class B Cement)
Perforate 3 HSC holes at 100'. Establish circulation out bradenhead with water and circulate BH annulus clean. Mix 44 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.

16. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.


Current Schematic
ConocoPhillips
Well Name: JICARILLA #8
API / UWI
3003920143
Surface Legal Location
NMPM-26N-04W-32-L
Field Name
DK
Lease No
State/Province
NEW MEXICO
Well Configuration Type
Vertical
Edit
Ground Elevation (ft)
6,790.00
Original KB/RT Elevation (ft)
6,800.00
Kb-Ground Distance (ft)
10.00
Kb-Casing Flange Distance (ft)
10.00
Kb-Tubing Hanger Distance (ft)
10.00
Well Config: Vertical - Original Hole, 4/5/2012 9:23:20 AM
ftKB (MD)
Schematic - Actual
Frm Final
0
10
10
147
236
237
1,462
2,773
2,963
3,265
3,322
3,402
3,405
3,429
4,930
5,010
5,460
5,602
5,605
5,680
6,350
6,764
6,926
7,395
7,459
7,467
7,469
7,492
7,500
7,500
7,501
7,515
7,616
7,672
7,696
7,697
7,698
7,729
7,730
Casing cement, 10-237, 9/9/1968, Cemented w 175sx Class "A", Circulated to surface.
Surface, 8 5/8in, 8.097in, 10 ftKB, 237 ftKB
NACIMIENTO, 1,462
OJO ALAMO, 2,773
FRUITLAND, 2,963
PICTURED CLIFFS, 3,265
LEWIS, 3,322
Casing cement, 147-3,402, 9/26/1968, 3rd stage - Cemented w 990 cubic feet HYS 100cmt, TOC @ 147' per 75% eff calc.
Tubing, 2 3/8in, 4.70lbs/ft, J-55, 10 ftKB, 7,467 ftKB
CLIFF HOUSE, 4,930
MENEFEE, 5,010
POINT LOOKOUT, 5,460
Casing cement, 3,429-5,602, 9/26/1968, 2nd stage - Cemented w 660 cubic feet HYS 100cmt, TOC @ 3429' per 75% eff calc.
MANCOS, 5,680
GALLUP, 6,350
GREENHORN, 7,395
GRANEROS, 7,459
Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 7,467 ftKB, 7,469 ftKB
Tubing, 2 3/8in, 4.70lbs/ft, J-55, 7,469 ftKB, 7,500 ftKB
DAKOTA, 7,492
Pin Collar, 2 3/8in, 7,500 ftKB, 7,500 ftKB
Hydraulic Fracture, 10/17/1968, Frac'd with 40,000# 20/40 sand and 53,300 Gal water.
PERF - DAKOTA, 7,501-7,515, 10/17/1968
Hydraulic Fracture, 10/17/1968, Frac'd with 40,000 # sand and 52,500 gal water.
PERF - DAKOTA, 7,616-7,672, 10/17/1968
PBTD, 7,697
Casing cement, 6,926-7,730, 9/26/1968, 1st stage - Cemented w 200 sx Class "C", TOC @ 6926' per 75% eff calc.
Production1, 4 1/2in, 4.000in, 10 ftKB, 7,730 ftKB
TD, 7,730, 9/26/1968
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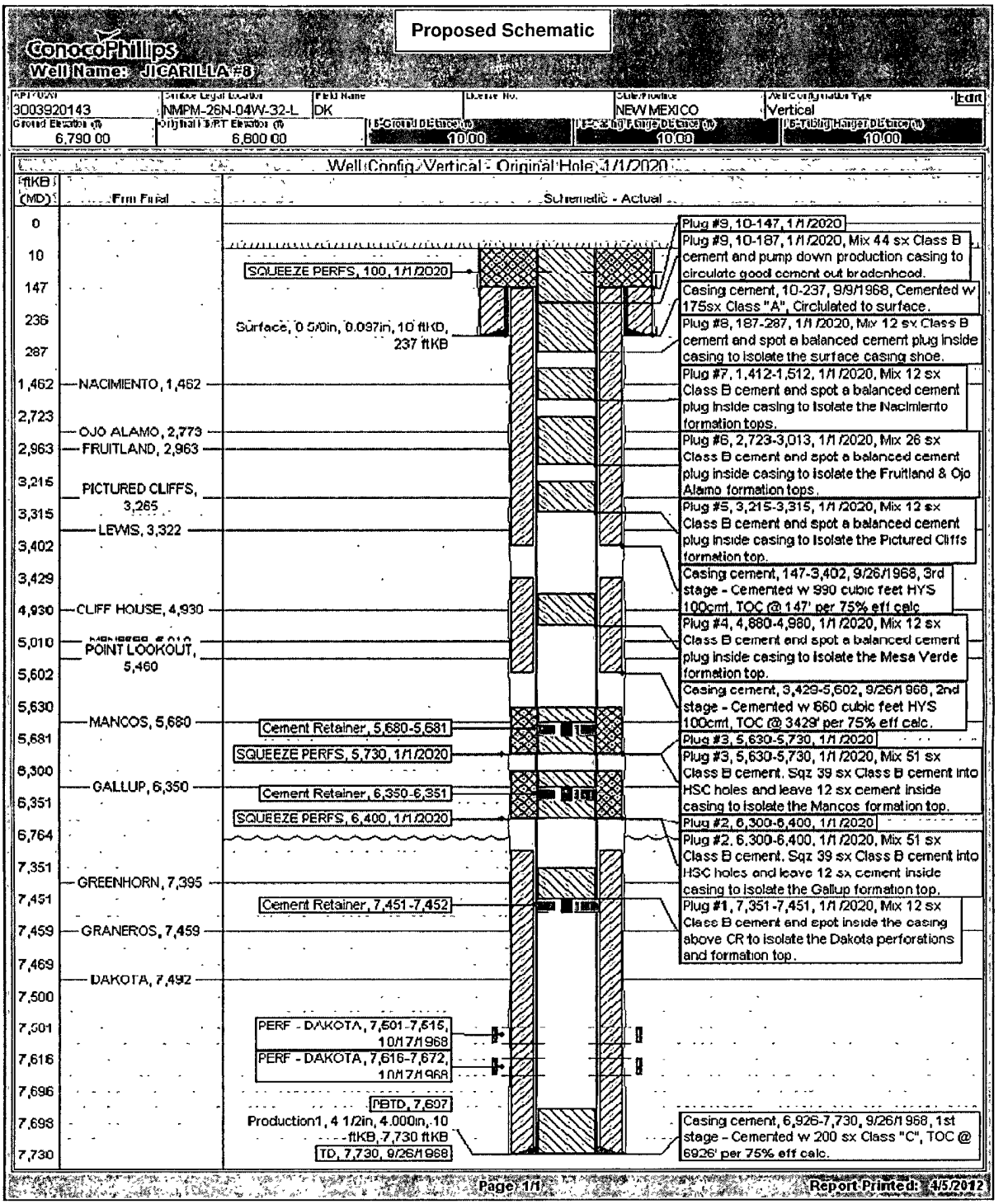
Proposed Schematic
ConocoPhillips
Well Name: JICARILLA #8
API/UWI
3003920143
Surface Legal Location
NMPM-26N-04W-32-L
Field Name
DK
License No.
State/Province
NEW MEXICO
Well Configuration Type
Vertical
Edit
Ground Elevation (ft)
6,790.00
Original KB/RT Elevation (ft)
6,800.00
KB-Ground Distance (ft)
10.00
KB-Casing Flange Distance (ft)
10.00
KB-Tubing Hanger Distance (ft)
10.00
Well Config: Vertical - Original Hole, 1/1/2020
ftKB (MD)
Frm Final
Schematic - Actual
NACIMIENTO, 1,462
OJO ALAMO, 2,773
FRUITLAND, 2,963
PICTURED CLIFFS, 3,265
LEWIS, 3,322
CLIFF HOUSE, 4,930
POINT LOOKOUT, 5,460
MANCOS, 5,680
GALLUP, 6,350
GREENHORN, 7,395
GRANEROS, 7,459
DAKOTA, 7,492
SQUEEZE PERFS, 100, 1/1/2020
Surface, 9 5/8in, 8.097in, 10 ftKB, 237 ftKB
Cement Retainer, 5,680-5,681
SQUEEZE PERFS, 5,730, 1/1/2020
Cement Retainer, 6,350-6,351
SQUEEZE PERFS, 6,400, 1/1/2020
Cement Retainer, 7,451-7,452
PERF - DAKOTA, 7,601-7,615, 10/7/1968
PERF - DAKOTA, 7,616-7,672, 10/7/1968
PBTD, 7,697
Production1, 4 1/2in, 4.000in, 10 ftKB, 7,730 ftKB
TD, 7,730, 9/26/1968
Plug #9, 10-147, 1/1/2020
Plug #9, 10-187, 1/1/2020, Mix 44 sx Class B cement and pump down production casing to circulate good cement out bradenhead.
Casing cement, 10-237, 9/9/1968, Cemented w 175sx Class "A". Circulated to surface.
Plug #8, 187-287, 1/1/2020, Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the surface casing shoe.
Plug #7, 1,412-1,512, 1/1/2020, Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the Nacimiento formation tops.
Plug #6, 2,723-3,013, 1/1/2020, Mix 26 sx Class B cement and spot a balanced cement plug inside casing to isolate the Fruitland & Ojo Alamo formation tops.
Plug #5, 3,215-3,315, 1/1/2020, Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the Pictured Cliffs formation top.
Casing cement, 147-3,402, 9/26/1968, 3rd stage - Cemented w 990 cubic feet HYS 100cmt, TOC @ 147' per 75% eff calc
Plug #4, 4,880-4,980, 1/1/2020, Mix 12 sx Class B cement and spot a balanced cement plug inside casing to isolate the Mesa Verde formation top.
Casing cement, 3,429-5,602, 9/26/1968, 2nd stage - Cemented w 660 cubic feet HYS 100cmt, TOC @ 3429' per 75% eff calc.
Plug #3, 5,630-5,730, 1/1/2020
Plug #3, 5,630-5,730, 1/1/2020, Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Mancos formation top.
Plug #2, 6,300-6,400, 1/1/2020
Plug #2, 6,300-6,400, 1/1/2020, Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Gallup formation top.
Plug #1, 7,351-7,451, 1/1/2020, Mix 12 sx Class B cement and spot inside the casing above CR to isolate the Dakota perforations and formation top.
Casing cement, 6,926-7,730, 9/26/1968, 1st stage - Cemented w 200 sx Class "C", TOC @ 6926' per 75% eff calc.
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Report Printed: 4/5/2012

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 8 Jicarilla

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

a) Place the Gallup plug from 6410' - 6310 inside and outside the 4 ½" casing.

b) Place the Mesaverde plug from 4992' – 4892'.

c) Place the Pictured Cliffs plug from 3323' – 3223'.

d) Place the Fruitland/Kirtland/Ojo Alamo plug from 3102' – 2775'.

e) Place the Nacimiento plug from 1500' – 1400'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.