RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 24 2016

Farmington Field Office
Bureau of Land Management

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

5. Lease Serial No. **SF-079962**

6. If Indian, Allottee or Tribe Name

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.*

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. **Davis A Federal 1**

2. Name of Operator **ConocoPhillips Company**

9. API Well No. **30-045-09210**

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)*
Surface Unit D (NWNW), 1190' FNL & 990' FWL, Sec. 25, T30N, R11W

11. Country or Parish, State **San Juan , New Mexico**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ 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	☒ 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.)

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 10/14/2016 with Bob Switzer/BLM. The Re-Vegetation Plan is attached. A Closed Loop system will be used.

OIL CONS. DIV DIST. 3
OCT 28 2016

SEE ATTACHED FOR CONDITIONS OF APPROVAL

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Dollie L. Busse Title **Regulatory Technician**

Signature Dollie L Busse Date 10/20/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by AG Elmadani Title PE Date 10/25/16

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 FFO

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.

(Instruction on page 2)

NMOCD

ConocoPhillips
DAVIS A FEDERAL 1
Expense - P&A

Lat 36° 47' 13.308" N **Long 107° 56' 51.54" W**

PROCEDURE

This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP 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. **If there is pressure on the BH, contact the Wells Engineer.**

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

4. ND wellhead and NU BOPE with 1-1/4" pipe rams. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes per COP Well Control Manual. PU and remove tubing hanger.

5. Round trip gauge ring to 6662'. Set 2-7/8" CIBP at 6652 (10' above 2-7/8" x 4-1/2" packer). TIH with 1-1/4" work string. Load hole, and pressure test casing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. POOH with tubing.

6. RU wireline and run CBL with 500 psi on casing from CIBP at 6652' to surface to identify TOC. Adjust plugs as necessary for new TOC. *Email log copy to Wells Engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.* **Note: No CBL found on 4-1/2" casing prior to running 2-7/8" casing.**

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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

7. Plug 1 - Dakota and Graneros Formation Tops, 6552' - 6652', 5 Sacks Class B Cement
TIH with 1-1/4" tubing to 6652'. Mix 5 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota and Graneros tops. POOH.

8. Plug 2 - Gallup Formation Top, 5947' - 6047', 44 Sacks Class B Cement
RIH and perforate 3 squeeze holes at 6047' through 2-7/8" casing, cement, and 4-1/2" cement. Establish injection rate into squeeze holes. RIH with a 2-7/8" CR and set at 5997'. TIH with tubing and sting into CR. Mix 44 sx Class B cement. Squeeze 39 sx outside the 4-1/2" casing, leaving 5 sx inside the casing to cover the Gallup top. POOH.

9. Plug 3 - Mancos Formation Top, 5093' - 5193', 44 Sacks Class B Cement
RIH and perforate 3 squeeze holes at 5193' through 2-7/8" casing, cement, and 4-1/2" cement. Establish injection rate into squeeze holes. RIH with a 2-7/8" CR and set at 5143'. TIH with tubing and sting into CR. Mix 44 sx Class B cement. Squeeze 39 sx outside the 4-1/2" casing, leaving 5 sx inside the casing to cover the Mancos top. PUH.

10. Plug 4 - Mesaverde Formation Top, 4074' - 4174', 5 Sacks Class B Cement
Mix 5 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH.

11. Plug 5 - Pictured Cliffs and Fruitland Formation Top, 1803' - 2487', 21 Sacks Class B Cement
Mix 21 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs and Fruitland tops. POOH.

12. Cut and pull 2-7/8" casing above good cement top. Ensure hole is loaded and run CBL on 4-1/2" casing from 2-7/8" stub to surface. Adjust plugs as necessary for new TOC. Email log copy to Wells Engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.

13. Plug 6 - Kirtland and Ojo Alamo Formation Tops, 1015' - 1245', 18 Sacks Class B Cement
TIH with tubing to 1245'. Mix 18 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo tops. PUH.

Continued on next page

14. Plug 7 - Surface Plug, 0' - 347', 31 Sacks Class B Cement
Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, establish circulation out casing valve with water. Mix 31 sx Class B cement and spot balanced plug inside casing from 347' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface, filling the casing and the BH annulus to surface. Shut well in and WOC.

15. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.

Current Schematic

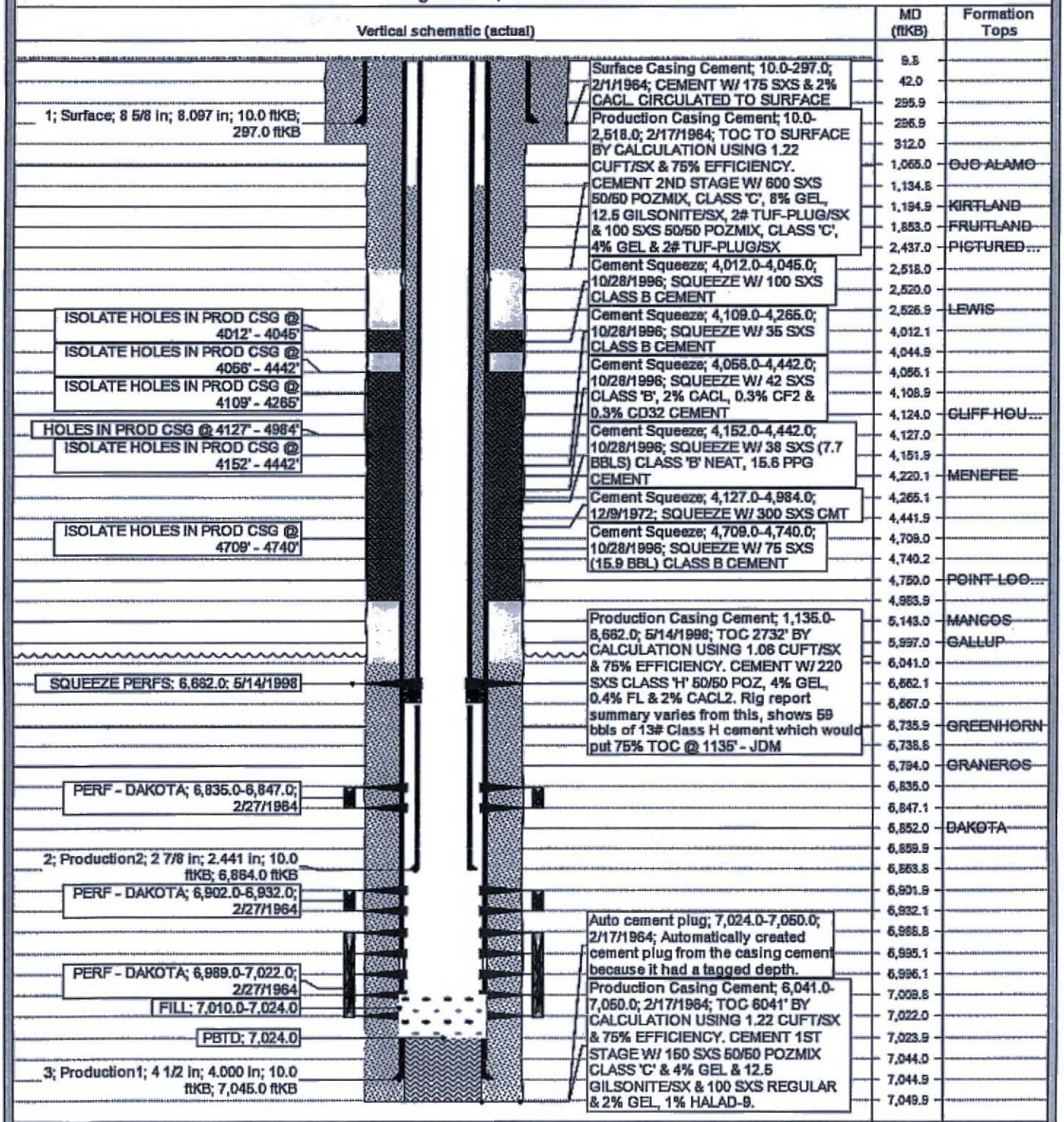
ConocoPhillips

Well Name: DAVIS A FEDERAL #1

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004509210	025-030N-011W-D	BASIN DAKOTA (PRORATED GAS)		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,018.00	6,028.00	10.00		

Original Hole, 6/8/2016 9:40:24 AM



Report Printed: 6/8/2016

Proposed Schematic

ConocoPhillips

Well Name: DAVIS A FEDERAL #1

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004509210	025-030N-011W-D	BASIN DAKOTA (PRORATED GAS)		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,018.00	6,028.00	10.00		

Original Hole, 1/1/2020 6:00:00 AM

Vertical schematic (actual)

MD (ftKB)	Formation Tops
42.0	
296.9	
347.1	
1,065.0	OJO ALAMO
1,194.9	KIRTLAND
1,803.1	
2,437.0	FRUITLAND PICTURED...
2,518.0	
2,526.9	LEWIS
4,044.9	
4,074.1	
4,124.0	CLIFF HOU...
4,151.9	
4,220.1	MENEFEE
4,441.9	
4,740.2	
4,983.9	POINT LO...
5,143.0	MANCOS
5,192.9	
5,997.0	GALLUP
6,041.0	
6,551.8	
6,653.9	
6,667.0	
6,738.8	GREENHO...
6,835.0	GRANEROS
6,852.0	DAKOTA
6,863.8	
6,932.1	
6,995.1	
7,009.8	
7,023.9	
7,044.9	

1; Surface; 8 5/8 in; 8.097 in; 10.0 ftKB; 297.0 ftKB

Surface Casing Cement; 10.0-297.0; 2/1/1964; CEMENT W/ 175 SXS & 2% CACL. CIRCULATED TO SURFACE

Plug 7; 10.0-347.0; 1/1/2020; Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, establish circulation out casing valve with water. Mix 31 sx Class B cement and spot balanced plug inside casing from 347' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface, filling the casing and the BH annulus to surface. Shut well in and WOC.

Plug 6; 1,015.0-1,345.0; 1/1/2020; TIH with tubing to 1245'. Mix 18 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo tops. PUH.

Plug 5; 1,803.0-2,487.0; 1/1/2020; Mix 21 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs and Fruitland tops. POOH.

Production Casing Cement; 10.0-2,518.0; 2/17/1964; TOC TO SURFACE BY CALCULATION USING 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 2ND STAGE W/ 600 SXS 50/50 POZMIX, CLASS 'C', 6% GEL, 12.5 GILSONITE/SX, 2# TUF-PLUG/SX & 100 SXS 50/50 POZMIX, CLASS 'C', 4% GEL & 2# TUF-PLUG/SX

ISOLATE HOLES IN PROD CSG @ 4012' - 4045'

ISOLATE HOLES IN PROD CSG @ 4056' - 4442'

ISOLATE HOLES IN PROD CSG @ 4109' - 4265'

HOLES IN PROD CSG @ 4127' - 4984'

ISOLATE HOLES IN PROD CSG @ 4152' - 4442'

Cement Squeeze; 4,012.0-4,045.0; 10/28/1998; SQUEEZE W/ 100 SXS CLASS B CEMENT

Plug 4; 4,074.0-4,174.0; 1/1/2020; Mix 5 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH.

Cement Squeeze; 4,109.0-4,265.0; 10/28/1998; SQUEEZE W/ 35 SXS CLASS B CEMENT

Cement Squeeze; 4,056.0-4,442.0; 10/28/1998; SQUEEZE W/ 42 SXS CLASS 'B', 2% CACL, 0.3% CF2 & 0.3% CO32 CEMENT

Cement Squeeze; 4,152.0-4,442.0; 10/28/1998; SQUEEZE W/ 38 SXS (7.7 BBLS) CLASS 'B' NEAT, 15.6 PPG CEMENT

Cement Squeeze; 4,127.0-4,984.0; 12/9/1972; SQUEEZE W/ 300 SXS CMT

Cement Squeeze; 4,709.0-4,740.0; 10/28/1998; SQUEEZE W/ 75 SXS (15.9 BBL) CLASS B CEMENT

ISOLATE HOLES IN PROD CSG @ 4709' - 4740'

Cement Retainer; 5,143.0-5,145.0

Plug 3 Squeeze; 5,093.0-5,193.0; 1/1/2020

Plug 3; 5,093.0-5,193.0; 1/1/2020; RIH and perforate 3 squeeze holes at 5193' through 2-7/8" casing, cement, and 4-1/2" cement. Establish injection rate into squeeze holes. RIH with a 2-7/8" CR and set at 5143'. TIH with tubing and sting into CR. Mix 44 sx Class B cement. Squeeze 39 sx outside the 4-1/2" casing, leaving 5 sx inside the casing to cover the Mancos top. POOH.

SQUEEZE PERFS; 5,193.0; 1/1/2020

Cement Retainer; 5,997.0-5,999.0

Plug 2 Squeeze; 5,947.0-6,047.0; 1/1/2020

Plug 2; 5,947.0-6,047.0; 1/1/2020; RIH and perforate 3 squeeze holes at 6047' through 2-7/8" casing, cement, and 4-1/2" cement. Establish injection rate into squeeze holes. RIH with a 2-7/8" CR and set at 5997'. TIH with tubing and sting into CR. Mix 44 sx Class B cement. Squeeze 39 sx outside the 4-1/2" casing, leaving 5 sx inside the casing to cover the Gallup top. POOH.

SQUEEZE PERFS; 6,047.0; 1/1/2020

Plug 1; 6,552.0-6,652.0; 1/1/2020; TIH with 1-1/4" tubing to 6652'. Mix 8 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota and Graneros tops. POOH.

Bridge Plug - Permanent; 6,652.0-6,654.0

Production Casing Cement; 1,135.0-6,662.0; 5/14/1998; TOC 2732' BY CALCULATION USING 1.08 CUFT/SX & 75% EFFICIENCY. CEMENT W/ 220 SXS CLASS 'H' 50/50 POZ, 4% GEL, 0.4% FL & 2% CACL2. Rig report summary varies from this, shows 59 bbls of 13# Class H cement which would put 75% TOC @ 1135' - JDM

SQUEEZE PERFS; 6,662.0; 5/14/1998

PERF - DAKOTA; 6,835.0-6,847.0; 2/27/1964

2; Production2; 2 7/8 in; 2.441 in; 1,135.0 ftKB; 6,864.0 ftKB

PERF - DAKOTA; 6,902.0-6,932.0; 2/27/1964

PERF - DAKOTA; 6,989.0-7,022.0; 2/27/1964

FILL; 7,010.0-7,024.0

PBTD; 7,024.0

3; Production1; 4 1/2 in; 4.000 in; 10.0 ftKB; 7,045.0 ftKB

Production Casing Cement; 6,041.0-7,050.0; 2/17/1964; TOC 6041' BY CALCULATION USING 1.22 CUFT/SX & 75% EFFICIENCY. CEMENT 1ST STAGE W/ 150 SXS 50/50 POZMIX CLASS 'C' & 4% GEL & 12.5 GILSONITE/SX & 100 SXS REGULAR & 2% GEL. 1% HALAD-9

Auto cement plug; 7,024.0-7,050.0; 2/17/1964; Automatically created cement plug from the casing cement because it had a tagged depth.

Report Printed: 6/9/2016

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: Davis A federal 1

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) Set plug #3 (5203-5303) inside/outside to cover Mancos Formation top. BLM picks top of Mancos at 5253 ft. Adjust cement volume accordingly.

b) Set plug #4 (3151-3251) ft. to cover Chacra Equiv (HB) Formation top. BLM picks top of Chacra Equiv HB at 3201 ft. Adjust cement volume accordingly

Very High concentrations of H_2S (800 ppm GSV) were encountered in P.C fm, during P&A operations at the Ludwick LS #1 (located in the NWNE/4 sec. 19 30N, 10W). In addition low concentrations (2ppm-20ppm GSV) of H_2S have been reported in other well within a 1 mile radius of this location.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: aelmadani@blm.gov and Brandon.Powell@state.nm.us

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.