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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
Bureau of Land Management

JUN 22 2012

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.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name Navajo Nation
2. Name of Operator ConocoPhillips Company		7. If Unit of CA/Agreement, Name and/or No. Tocito 1
3a. Address PO Box 4289, Farmington, NM 87499	3b. Phone No. (include area code) (505) 326-9700	8. Well Name and No. 30-045-60027
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit L (NWSW) 3300' FNL & 660' FWL, Sec. 17, T26N, R18W		9. API Well No. Pennsylvania Sand
		10. Field and Pool or Exploratory Area San Juan, New Mexico
		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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Re-Entry & P&A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 re-enter and P&A the subject well per the attached procedure, current and proposed wellbore schematics.

RCVD JUN 29 '12
OIL CONS. DIV.
DIST. 3

Notify NMOCD 24 hrs
prior to beginning
operations

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Crystal Tafoya	Prop. code 39316 Staff Regulatory Technician
Signature <i>Crystal Tafoya</i>	Title Date 6/22/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title Date JUN 27 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.

(Instruction on page 2)

NMOCD

ConocoPhillips
TOCITO #1
Re-Entry & P&A

June 17, 2012

Lat: 36° 29' 10.5" N Long: 108° 47' 17.916" W

Well Information: Spud: January 19, 1943
 Surface Casing: 13-3/8" set at 321'; cemented with 200 sxs;
 Intermediate Casing: 7" set at 6648'; cemented with 108 sxs;
 Total Depth: 6920'; no production casing set;
 Well Plugged December 20, 1943;

- **P&A Marker leaking water at the surface; internal pressure unknown. Assume worst case situation of high pressure and / or the presence of H₂S.**

PROCEDURE:

Note: All cement volumes use 100% excess outside the pipe and 50' excess inside. The stabilizing wellbore fluid will be sufficient weighted to balance all exposed formation pressures which are unknown at this time.

All cement used will be Class B mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved 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.
2. Due to the potential of H₂S on location, RU the Safety Trailer and request that the trailer be on location for the entire job.
3. Hold a pre-job safety meeting. Comply with all ConocoPhillips, NMOCD and BLM safety regulations. Test the atmosphere around the marker above ground level. NDT existing welds/thickness on exposed flange.
4. Write a Hot Work Permit. Weld on stub-up within the bolt pattern on the exposed flange. NDT new welds.
5. If the steel integrity of the p&a marker is sufficient, then weld a 2" collar onto the marker. Hot tap through a 2" full opening ball valve and record the shut in pressure. If the integrity of the steel maker is questionable then use a saddle type clamp to secure the 2" collar onto the marker before hot tapping
6. Hold a pre-job safety meeting. Setup flow back tank and perform a fluid flow test.
7. Hold a pre-job safety meeting. Dig a 4' cellar around the marker and remove the cement slab that is surrounding the marker / casing head; it will be necessary to chip away the existing cement. Hot tap the valve if possible. If not, hot tap the bull plug or body of the 13-3/8" casing below the casing head. Determine the pressure and flow rate from the bradenhead annulus (7" x 13-3/8" annulus).

8. Set a rig base beam near the wellhead. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures, if possible. Set a water storage tank on location. Set a steel waste pit and a mud pit. Have a portable toilet on location. Have the appropriate drill collars on location. Tally and prepare a 2-3/8" tubing work string (6800').
9. NU and test BOP's. Pick up a 6" bit, bit sub and drill collars. Rig up drilling equipment (power swivel and mud pit). Drill out the cement inside the 7" casing at the surface. After drilling through the surface plug (reported to be 30'), continue to pick up and run drill collars if still drilling cement or the tubing work string if through the cement. TIH as deep as possible reaming and washing down. Maintain well control and mix weighted mud as necessary.
10. Clean out to existing plug #1 (6180'- 6680'). Drill on this cement to at least 6235' or until competent cement is located. Circulate the well clean and then TOH with the bit. Round trip a 7" watermelon mill to PBTD.
11. Run and CBL in the 7" casing to determine the annulus top of cement and modify the following plugs as appropriate to be inside / outside depending on the results of the CBL. When to pressure test the casing (if possible) will be determined later after the clean out is accomplished. Use of wireline cement retainers might be preferred to prevent the loss of a setting tool due to poor 7" casing integrity.
12. ^{6235 5964} **Plug #1 (Akah top, 6235' to 6435')**: Perforate 3 HSC holes at 6223' (estimated TOC in 7"). Set a 7" cement retainer at 6185'. Establish rate into the squeeze holes. Mix 64 sxs Class B cement, squeeze 34 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing to cover the Akah top. Squeeze perms may be adjusted according to CBL results.
13. ^{Ismlcy 5826 5726 5826} **Plug #2 (Paradox top, 6065' to 5965')**: Perforate 3 HSC holes at 6065'. Set a 7" cement retainer at 6015'. Establish rate into the squeeze holes. Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
14. ^{Herman 5062 4962 5062} **Plug #3 (Honaker Trail top, 5733' to 5633')**: Perforate 3 HSC holes at 5733'. Set a 7" cement retainer at 5683'. Establish rate into the squeeze holes. Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
15. **Plug #4 (DeChelly top, 3855' to 3755')**: Perforate 3 HSC holes at 3855'. Set a 7" cement retainer at 3805'. Establish rate into the squeeze holes. Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
16. ^{Chale 2940 2840 2940} **Plug #5 (Entrada top, 2480' to 2080')**: Perforate 3 HSC holes at 2480'. Set a 7" cement retainer at 2430'. Establish rate into the squeeze holes. Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
Morrison plug 1100-1000' inside + outside 7" casing
17. **Plug #6 (Dakota top, 900' to 800')**: Perforate 3 HSC holes at 900'. Set a 7" cement retainer at 850'. Establish rate into the squeeze holes. Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
18. **Plug #7 (Surface casing shoe, 371' to surface)**: Perforate 3 HSC holes at 371'. Set a 7" wireline cement retainer at 351'. Establish rate into the squeeze holes and circulation to surface out the

bradenhead valve. Mix approximately 250 sxs Class B cement and pump down the tubing under the CR to fill the bradenhead annulus to surface; sting out of the CR and fill the 7" casing to surface; TOH and top off the casing. Shut in well and WOC.

19. ND the BOP and wellhead. Cut off the casing below ground level. Fill the annulus casing as necessary. Install the P&A marker. RD and MOL.

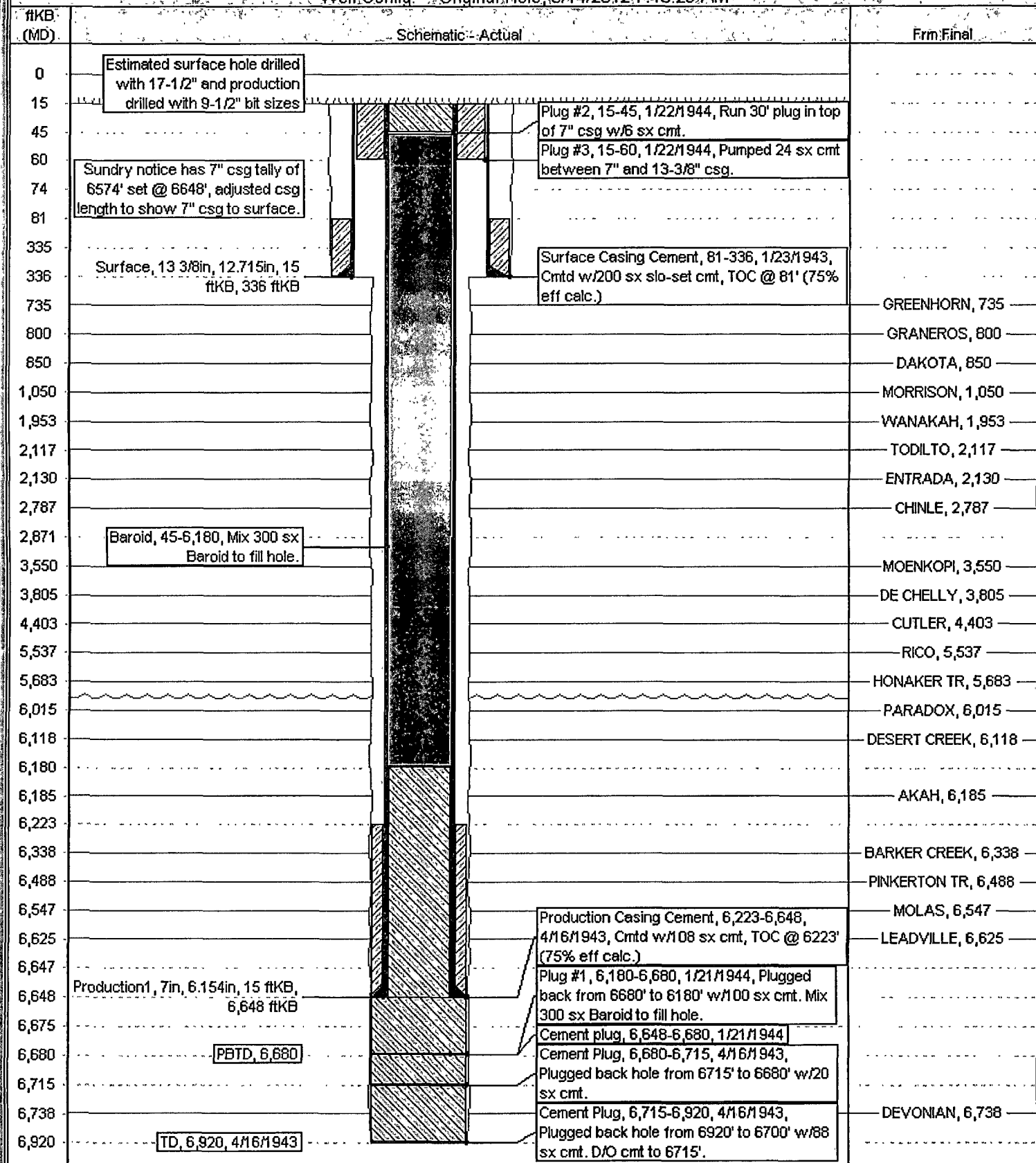
Current Schematic

ConocoPhillips

Well Name: TOCITO #1

API/UWI 3004560027	Surface Legal Location 017-026N-018W	Field Name SJB	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,853.00	Original KB/RT Elevation (ft) 5,868.00	KB-Grnd Distance (ft) 15.00	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)	

Well Config: Original Hole: 6/14/2012 7:13:29 AM



Proposed Schematic

ConocoPhillips

Well Name: TOCITO #1

API/UWI 3004560027	Surface Legal Location 017-026N-018W	Field Name SJBW	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 5,853.00	Original K/B/P/T Elevation (ft) 5,868.00	K/B-Ground Distance (ft) 15.00	K/B-Casing/Flange Distance (ft)	K/B-Tubing/Hanger Distance (ft)		

Well Config: - Original Hole, 1/1/2020

ftKB (MD)	Schematic - Actual	Frm/Final
0	Estimated surface hole drilled with 17-1/2" and production drilled with 9-1/2" bit sizes	Plug #3, 15-60, 1/22/1944, Pumped 24 sx cmt between 7" and 13-3/8" csg.
45	Sundry notice has 7" csg tally of 6574' set @ 6648', adjusted csg length to show 7" csg to surface.	Surface Casing Cement, 81-336, 1/23/1943, Cmt'd w/200 sx slo-set cmt, TOC @ 81' (75% eff calc.)
74		Plug #7, 60-336, 1/1/2020
335	Surface, 13 3/8in, 12,715in, 15 ftKB, 336 ftKB	Plug #7, 15-371, 1/1/2020, Mix approximately 250 sxs Class B cement and pump down the tubing under the CR to fill the bradenhead annulus to surface; sting out of the CR and fill the 7" casing to surface; TOH and top off the casing.
351	Cement Retainer, 351-352	Plug #7, 336-371, 1/1/2020
371	SQUEEZE PERFS, 371, 1/1/2020	Plug #6, 800-900, 1/1/2020, Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
800		Plug #6, 800-900, 1/1/2020
851	Cement Retainer, 850-851	Plug #5, 2,080-2,180, 1/1/2020, Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
1,050	SQUEEZE PERFS, 900, 1/1/2020	Plug #5, 2,080-2,180, 1/1/2020
2,080		Plug #4, 3,755-3,855, 1/1/2020, Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
2,130	Cement Retainer, 2,130-2,131	Plug #4, 3,755-3,855, 1/1/2020
2,180	SQUEEZE PERFS, 2,180, 1/1/2020	Plug #3, 5,633-5,733, 1/1/2020, Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
2,871		Plug #3, 5,633-5,733, 1/1/2020
3,755	Cement Retainer, 3,805-3,806	Plug #2, 5,965-6,065, 1/1/2020, Mix 68 sxs Class B cement, squeeze 38 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing.
3,806	SQUEEZE PERFS, 3,855, 1/1/2020	Plug #2, 5,965-6,065, 1/1/2020
4,403		Plug #1, 6,135-6,223, 1/1/2020
5,633	Cement Retainer, 5,683-5,684	Plug #1, 6,135-6,235, 1/1/2020, Mix 64 sxs Class B cement, squeeze 34 sxs outside the casing (assumed 9-1/2" hole size) and leave 30 sxs inside the 7" casing to cover the Akah top.
5,684	SQUEEZE PERFS, 5,733, 1/1/2020	Production Casing Cement, 6,223-6,648, 4/16/1943, Cmt'd w/108 sx cmt, TOC @ 6223' (75% eff calc.)
5,965	Cement Retainer, 6,015-6,016	Plug #1, 6,180-6,680, 1/21/1944, Plugged back from 6680' to 6180' w/100 sx cmt. Mix 300 sx Baroid to fill hole.
6,016	SQUEEZE PERFS, 6,065, 1/1/2020	Cement plug, 6,648-6,680, 1/21/1944
6,118		Cement Plug, 6,680-6,715, 4/16/1943, Plugged back hole from 6715' to 6680' w/20 sx cmt.
6,180	Cement Retainer, 6,185-6,186	Cement Plug, 6,715-6,920, 4/16/1943, Plugged back hole from 6920' to 6700' w/88 sx cmt. D/O cmt to 6715'.
6,186	SQUEEZE PERFS, 6,223, 1/1/2020	
6,235		
6,488		
6,625		
6,648	Production 1, 7in, 6,154in, 15 ftKB, 6,648 ftKB	
6,680	PBTD, 6,680	
6,738	TD, 6,920, 4/16/1943	

**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: 1 Tocito

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) Bring the top of the Akah plug to 5964'.

b) Place the Ismay plug (in place of the Paradox plug) from 5826' – 5726' inside and outside the 7" casing.

c) Place the Hermosa plug (in place of the Honaker Trail plug) from 5062' – 4962' inside and outside the 7" casing.

d) Place the Chinle plug (in place of the Entrada plug) from 2940' – 2840' inside and outside the 7" casing.

e) Spot a cement plug from 1100' – 1000' to cover the Morrison top inside and outside the 7" casing.

f) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

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.