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
17月 1年 1日 1	5 Lease Serial No

SUNDRY NOTICES AND Do not use this form for propo abandoned well. Use Form 316	sals to drill or to r	e-enter an proposals.Burea	JUL <b>2 9</b> au or Lang was	nagement	A ttee or Tribe Name
SUBMIT IN TRIPLICATE - Other instructions on page 2				7. If Unit or CA/Agreement, Name and/or No	
Type of Well Oil Well X Gas Well Other  Name of Operator				8. Well Name an	
382 CR 3100 AZTEC, NM 87410  Location of Well (Footage, Sec., T., R., M., or Survey Description)		none No (include area 505-333-3100	a code)	9. API Well No 30-045-08864 10 Field and Pool, or Exploratory Area BASIN DAKOTA  11 County or Parish, State	
A CANON ADDRODDATE DO	V(FO) TO PIPIGE			SAN JUAN	NM
12. CHECK APPROPRIATE BOX	X(ES) TO INDICAT	······································	E OF ACTION	RI, OR OTHER	RDATA
APPROVED LOOP S PROPOSED A	prizontally, give subsurfact or provide the Bond N peration results in a mult shall be filed only after	ce locations and measing on file with BLM/I ciple completion or recall requirements, included and procedure  MITTED TO AND A PIT, CLOSED TANK, OR PURSUANT TO	Reclamatio Recomplet Temporaril Water Disp g date of any pro- ured and true ver BIA Required s completion in a r uding reclamatio	y Abandon  posal  posed work and a rucal depths of all ubsequent reports new interval, a Forn, have been come diagrams.	pertinent markers and zones shall be filed within 30 day m 3160-4 shall be filed once
14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)  DOLENA JOHNSON	TION OF THE ABOVE A		ORY CLERK		
Signature Dolora Clahasan		Date 07/28/200			
A	CE FOR FEDERAL	Title	ICE USE	Date	ับบากวกกล
Original Signed: Stephen Ma:	not warrant or certify that	Office			JUL 3 C 2003

the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Title 18 U S C Section 1001, and Title 43 U S C Section 1212, makes 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



Approve	

#### **FARMINGTON #1**

#### SEC 4, T 29 N, R 13 W SAN JUAN COUNTY, NEW MEXICO PLUG AND ABANDON WELL

Formation:

Dakota

Surface Casing:

9.625", 36#, J-55 Casing @ 320'. Circ cmt to surf.

**Production Casing:** 

4.5", 9.5 & 11.6#, J-55 Casing @ 6,305'. Did not circ cmt.

Perfs:

DK: 5,986'-6,104' w/2 JSPF

Tubing:

2.375", 4.6" **NUE tag fish** at 2140'. Ran 67 joints 2.375"

tubing

to 2072'.

Packer:

Baker Model G Retrievable packer

**Current Status:** 

Shut in

- 1. MIRU PU. MI 2.375" (5,900'), 4.7#, J-55, EUE 8rd work string. (Note: previous operator ran 67 joints 2.375' tubing to 2072'). Check and record tubing, casing and bradenhead pressures.
- 2. Blow well down and kill well with water. ND WH. NU and pressure test BOP.
- 3. PU on the 2-3/8" tubing and back off, as deep as possible. (Note: tubing was backed off at 2140' during a 2002 workover.) TOH and tally tubing; LD if NUE.
- 4. PU and TIH with 2 joints 3-7/8" wash pipe, 6 3-1/8" DC's, jars, bumper sub and 2-3/8" tubing workstring. Tag fill from casing at approximately 2,133'. Wash over tubing and clean out fill in 2-3/8" x 4-1/2" annulus. Note: previous operator felt that they got outside of casing at some point between 2,133' and 4,748'.
- 5. TOH with BHA. TIH with 3-1/8" overshot and outside cutters. Cut off tubing leaving approximately a 10' tubing stub. TOH with fish.
- 6. TIH with 4 joints 3-7/8" wash pipe, 3 3-1/8" DC's, jars, bumper sub and 2.375" tubing. Tag tubing stub and wash over tubing and clean out fill.
- 7. TOH with BHA. TIH with 3-1/8" overshot and outside cutters. Cut off tubing leaving approximately a 10' tubing stub. TOH with fish. Repeat washing over and cutting off tubing until tubing is free of inside fill.
- 8. TIH with 3-1/8" overshot. Latch onto tubing and determine free point. Cut off tubing as deep as possible if tubing is stuck. TOH with fish.
- 9. Resume fishing operations and recover tubing with either washover pipe or overshot until tubing a sufficient depth is achieved (TOC outside the 4-1/2" casing calculates to be at 4921').
- 10. TIH with 3-7/8" bit and tubing. Clean out to 5952' or as deep as possible. TOH with tubing and bit.

- 11. **Plug #1 (Dakota perforations and top, 5950'- 5850'):** TIH with 4.5" cement retainer to 5950' or as deep as possible above the tubing stub; set cement retainer and pressure test tubing to 1000 PSI. Casing will not test due to bad casing from 2133' to 4748'. Mix 20 sxs Class G cement and spot a balanced plug from 5950' to 5850' to isolate the Dakota perforations and top.
- 12. Plug #2 (Gallup top, 5082'-5182'): Spot a balanced 12 sxs Class G cement plug from 5,082' to 5,182' to cover the Gallup top. TOH with tubing.
- 13. Plug #3 (Mesaverde top, 3010' 2910'): Perforate 3 squeeze holes at 3010'. Established rate into squeeze holes. TIH with 4.5" cement retainer to 2,960' and set CR. Mix and pump 80 sxs Class G cement plug, squeeze 50 sxs outside casing and leave 30 sxs inside casing (excess due to bad casing) to cover Mesaverde top. PUH and WOC. TIH and tag cement. TOH with tubing.
- 14. Plug #4 (Pictured Cliffs top, 1459' 1359'): Spot a balanced 20 sxs Class G cement (excess due to bad casing) plug to cover the Pictured Cliffs top. PUH.
- 15. Plug #5 (Fruitland top, 860' 760'): Spot a balanced 12 sxs Class G cement plug to cover the Fruitland top. PUH.
- 17. Plug #6 (9.625" Surface casing, 370' Surface): Connect the pump line to the bradenhead valve. Pressure test the BH annulus to 300#; note the fluid volume to load. If the BH annulus tests, then mix 35 sxs Class G cement and spot a balanced plug inside the 4.5" casing from 370' to surface to cover the 9.625" surface casing shoe, circulate cement to surface out the casing valve. TOH and LD the tubing. If the BH annulus does not test, then perforate at the appropriate depth to fill the bradenhead annulus to surface and cover the casing shoe. TOH and LD tubing. Shut in well and WOC.
- 18. ND cementing valves and cut off wellhead. Fill 4.5" casing with cement as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

## Farmington #1

#### Current Basin Dakota

790' FNL, 1750' FEL, Section 4, T-29-N, R-13-W,

Today's Date 6/11/08 Spud 4/28/60 Completed: 5/13/60 Elevation, 5548' GI

Fruitland @ 810'

Pictured Cliffs @ 1409'

Mesaverde @ 2960'

Gallup @ 5134'

Dakota @ 5986'

5561' KB

12 25" hole

San Juan County, NM / API #30-045-08864 Lat N. \_\_\_\_\_ / Long W. \_\_\_\_\_

9 625" 36#, J-55 Casing set @ 320' Cement with 250sxs (Circulated to Surface)

2.375" tubing backed off at 2140', Landed 67 joints of 2 375" tubing at 2072' (2002)

Csg leak 1436' - 2018', sqz w/400 sxs, circulated out bradenhead valve. (2002)

Suspected casing failure/parted casing between 2133' through 4748'.

TOC @ 4921' (calc, 75%)

EOT and Baker Model "G" Packer @ 5952'

Dakota Perforations: 5986' - 6104'

4 5",9.5#/11 6#, J-55 Casing set @ 6304' Cement with 300 sxs (420 cf),

7 875" hole

TD 6269' PBTD 6304'

## Farmington #1

### Proposed P&A

Basin Dakota

790' FNL, 1750' FEL, Section 4, T-29-N, R-13-W,

San Juan County, NM / API #30-045-08864 Lat N. / Long W.

Today's Date. 6/11/08 Spud 4/28/60 Completed: 5/13/60 Elevation 5548' GI 5561' KB

12.25" hole

Fruitland @ 810'

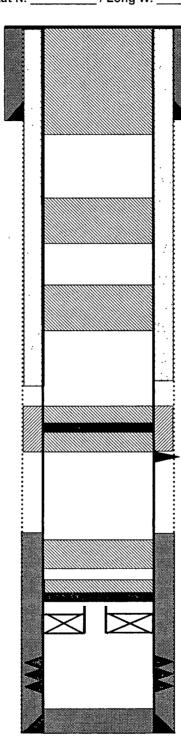
Pictured Cliffs @ 1409'

Mesaverde @ 2960'

Gallup @ 5134'

Dakota @ 5986'

7.875" hole



TD 6269' PBTD 6304'

9 625" 36#, J-55 Casing set @ 320' Cement with 250sxs (Circulated to Surface)

> Plug #6: 370' - 0' Class G cement, 35 sxs

> Plug #5: 860' - 760' Class G cement, 12 sxs

> Plug #4: 1459' - 1359' Class G cement, 12 sxs

Csg leak 1436' – 2018', sqz w/400 sxs, circulated out bradenhead valve (2002)

Suspected casing failure/parted casing between 2133' through 4748'

Cement Retainer @ 2960'

Perforate @ 3010'

Plug #3: 3010' – 2910' Class G cement, 66 sxs. 16 inside and 50 outside (note: excess cement due to possible casing leaks)

TOC @ 4921' (calc, 75%)

Plug #2: 5184' - 5084' Class G cement, 12 sxs

Plug #1: 5902' - 5802'

Set CR @ 5902'

Class G cement, 12 sxs

EOT and Baker Model "G" Packer @ 5952'

Dakota Perforations 5986' – 6104'

4.5",9.5#/11.6#, J-55 Casing set @ 6304' Cement with 300 sxs (420 cf),

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment	to notice of
Intention to	Abandon:

Re: Permanent Abandonment

Well: 1 Farmington

#### **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) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Fruitland plug from 1176' 1076'.

Note: If cement is not present from 2018' to surface, cement plugs set above 2018' will have to be placed inside and outside the  $4 \frac{1}{2}$ " casing.

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.