Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.

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CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION	4. Location of Well (Footage, Sec., T., R.,	M., or Survey Description)				East Blanco,	Picture	Cliffs	15	1 61 M 71 V	
2. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION	Sec. 10, T30N, R03W					11. County or	Parish,	State		- Free P	
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Final Abandonment Notice Convert to Injection Plug Back Water Disposal	Subsequent Report	Casing Repair	New Const	truction	Recomplet	te		Other			
3. Describe Proposed or Completed Operations (deathy date all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to depen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markes and zones. Attach the Bood under winch the work will be performed or provide the Bond No. on the with BUMBIA. Require dissepant reports ability to the work will be performed or provide the Bond No. on the with BUMBIA. Require dissepant reports ability to the performed or provide the Bond No. on the with BUMBIA. Require dissepant reports ability to the performed or provide the Bond No. on the with BUMBIA. Require dissepant reports ability to the performed or provide the Bond No. on the with BUMBIA. Require dissepant reports ability to the BUMBIA. Require dissepant reports ability to the BUMBIA. Require reduced and the operator has determined that the site is ready for final inspection.) **Black Hills Gas Resources**, Inc. intends to plug and abandon the above referenced well per the attached procedure.* **Black Hills Gas Resources**, Inc. intends to plug and abandon the above referenced well per the attached procedure.* **Title** **Agatha Snell** **Bate** **September 22, 2006** **Title** **September 22, 2006** **This SPACE FOR FEDERAL OR STATE USE** **Poproved by** **Original Signed: Stephen Mason** **Title U.S.C. Scotion 1001, make it or any person knowledged with subject lease.** *		Change Plans	X Plug and A	bandon	Temporari	ly Abandon	_				
If the proposal is to deepen directionally or recomplete hotzontally, give subsurface locations and measured and true "cettical depths of all printent markers and zones. Abach the Bond under which the work will be performed or provide the bond No. on file with BLM/BLA. Required subsequent reports shall be filled within 30 days Pollowing completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filled once Testing has been completed. Pland Abandonomera Notices shall be filled only after all requirements, including reclamation, have been completed, and the operator has determined that the attraction of the interval of the state is reachy for final inapectors.) Black Hills Gas Resources, Inc. intends to plug and abandon the above referenced well per the attrached procedure. 4. Thereby certify that the foregoing is true and correct Name (Printed/Typed) Agatha Snell Signature Agatha Snell Signature Original Signed: Stephen Mason Original Signed: Stephen Mason with the supplicant to conduct operations thereon.	Final Abandonment Notice	Convert to Injection	Plug Back		Water Dis	posal					
Name (Printed/Typed) Agatha Snell Signature Signature Original Signed: Stephen Mason Conditions of approval, if any, are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Citle 18 U.S.C. Section 1001, 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	Black Hills Gas Resources, Ir	nc. intends to plug and aba	ndon the abo	ve refere	enced well per	the attached p	rocedu	re .			
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PLUG AND ABANDONMENT PROCDURE

September 8, 2006

Jicarilia 457 – 10 #8

East Blanco Pictured Cliffs
2400' FSL & 1500' FWL, SW, Section 10, T30N, R3W
Rio Arriba County, New Mexico, API #30-039-25783

Note: 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 III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

- Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Black Hills safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
- 2. PU tally and RIH with 2.375" tubing workstring with retrieving head. PU Retrievable Bridge Plug set at 3100' and TOH. LD RBP. Round trip 5.5" gauge ring to 3635'.
- 3. Plug #1 (Pictured Cliffs perforations, Fruitland Coal, Kirtland and Ojo Alamo tops, 3635' 3122'): TIH and set CR at 3635'. Pressure test tubing to 1000#. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 57 sxs Type III cement and spot a plug inside casing above CR to isolate the Pictured Cliffs interval, and cover the Fruitland Coal, Kirtland and Ojo Alamo tops. PUH to 2130'.

2026' 1926'

- 4. Plug #2 (Nacimiento top, 2136' 2036'): Mix 16 sxs cement and spot a balanced plug inside the casing to cover the Nacimiento top. PUH to 1556'.
- 5. Plug #3 (San Jose top, 1556' 1456'): Mix 16 sxs cement and spot a plug inside the casing to cover the San Jose top. PUH to 592'. This plug is unnecessary since see is switzer
- 6. Plug #4 (Surface, 592' 0'): 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 65 sxs Type III cement and spot a balanced plug inside the 5.5" casing, 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 set and spot cement to surface. TOH and LD tubing. Shut in well and WOC.
- 7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Jicarilla 457 - 10 #8

Current **East Blanco Pictured Cilffs**

2400' FSL & 1500' FWL, SW, Section 10, T-30-N, R-3-W

Rio Arriba County, NM / API #30-039-25783

Today's Date: 9/8/06

Spud: 4/9/98

Completion: 8/16/98

Elevation: 7197' GI

7209' KB

12.25" hole

8.625" 24#, K-55 Casing set @ 542' Cement with 300 sxs (Circulated to Surface)

WELL HISTORY

Jun '02: T&A well with CIBP at 3127'. PT to 500#. MIT okay. Bruce Martin, NMOCD, witnessed test.

May '05: Black Hills Gas Resources recompleted the well in the East Blanco PC formation.

Jun '06: Black Hills Gas Resources set an RBP at 3100' so that a twin Dakota well could be drilled on the same pad. Decision was made to P&A well.

RBP set at 3100' (2006)

Ojo Alamo Perforations: 3177' - 3310' Squeezed with 250 sxs cement (1999)

San Jose @ 1506'

Nacimiento @ 2080'

Ojo Alamo @ 3172'

Kirtland @ 3381'

Fruitland Coal @ 3497'

Pictured Cliffs @ 3676'

7.875" hole

Pictured Cliffs Perforations: 3685' - 3734'

> 5.5" 15.5#, J-55 Casing set @ 3925' Cemented with 530 sxs Circulate 45 sxs to pit per report

TD 3985' **PBTD 3908'**

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Jicarilla 457 - 10 #8

Proposed P&A

East Blanco Pictured Cliffs

2400' FSL & 1500' FWL, SW, Section 10, T-30-N, R-3-W

Rio Arriba County, NM / API #30-039-25783

Today's Date: 9/8/06

Spud: 4/9/98

Completion: 8/16/98

Elevation: 7197' GI

7209' KB

12.25" hole

8.625" 24#, K-55 Casing set @ 542' Cement with 300 sxs (Circulated to Surface)

Plug #4: 592' - 0' Type III cement, 65 sxs

Plug #3: 1556' - 1456' Type III cement, 16 sxs

Plug #2: 2130' - 2030' Type III cement, 16 sxs

Ojo Alamo Perforations: 3177' - 3310' Squeezed with 250 sxs cement

> Plug #1: 3635' - 3122' Type III cement, 57 sxs

(1999)

Set CR @ 3635'

Pictured Cliffs Perforations: 3685' - 3734'

5.5" 15.5#, J-55 Casing set @ 3925' Cemented with 530 sxs Circulate 45 sxs to pit per report

San Jose @ 1506'

Nacimiento @ 2080'

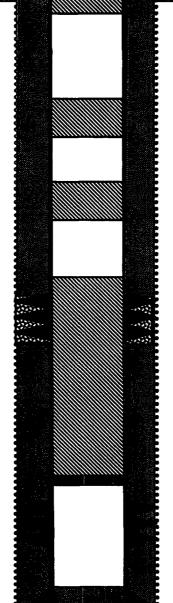
Ojo Alamo @ 3172'

Kirtland @ 3381'

Fruitland Coal @ 3497'

Pictured Cliffs @ 3676'

7.875" hole



TD 3985' **PBTD 3908'** The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from 9/22/06 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.