Form 3160- 5 (April 2004)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM A	PPRO	VEI
OMB No.	1004-	013

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2. Tested Ojo Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu ft/sx) 1-24-06. Drilled out and tested to 500 psi for 30 min Test OK 3. Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3641-3657, 3676-3686, 2 jspf 0.43" dia holes, total 96 holes. Breakdown with 650 gallons 7 1/2% HCl @ avg rate 4.5 bpm, avg pressure 2000 psi. Frac 1-28-06 with 145000# 20/40 sand and 95000 gallons 75 quality N2 foam. avg rate 19.8 bpm, avg pressure 2516 psi. 4. Ran & landed 2 3/8" 4.7 # J-55 tubing @ 3633'. RDMO completion rig 2-02-06. 5.	SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this from for proposals to drill for tip-left) an PT 3  SUBMIT IN TRIPLICATE - Other Instructions on reverse sides Five In Unit or CA. Ascenses Name and/or No.  Type of Well	SURMET IN TRIPLICATE - Other Instructions on reverse sticle CEIVED  Type of Well  Go
Do not use this form for proposals to drill or this heafter an Page 3 abandoned well. Use Form 3160-3 (APD) for such proposals.  SUBMIT IN TRIPLICATE - Other Instructions on reverse sides Five Day 1. Heartila Apache Tribe  Type of Well Oil Well X Gas Well Other 070 FARMINGTON 6. Well Name and No.  Name of Operator Islack Hills Gas Resources, Inc.  3a. Address P.O. Box 249 Biomfield, NM 87413 3b. Phone No. (Include area code) 504-534-1111 10.  Sec 33, T30N, R03W 702' FNL & 583' FWL NW NW Unit D 11. County or Parish, State Rio Arriba, NM 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION  Notice of Intent Acidize Deepen Production (Start/ Resume) Wester Shut-off Altering Casing Practure Treat Reclamation Well Integrity  X Subsequent Report Casing Repair New Construction Recommendation of the proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface continues and menure arrives and sands. Attach the Boad under which the work will performed or provide the Boad No. on file with the BLM/ BlA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted from the substantian of the proposal is to deepen directionally or recomplete horizontally, give subsurface continues and menure arrived and the vertical depths or periment maters and sands. Attach the Boad under which the work will performed or provide the Boad No. on file with the BLM/ BlA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted for the provide the Boad No. on file with the BLM/ BlA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted for the subsequent reports shall be	Do not use this form for proposals to drill or to his-fried and an abandoned well. Use Form 3160-3 (APD) the subon proposals.  SUBMIT IN TRIPLICATE - Other Instructions on reverses sides. EIVED  OT Well Con well Con well Once OTO FARMINGTON  Name of Operator ack Hills Gar Resource, Inc.  Address P.O. Box 249 Bloomfield, NM 87413  Location of Well (Poolege, Sec., T. R., M. or Survey Description)  Sec 33, T30N, R03W 702* FNL & 583* FWL NW NW Unit D  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Acidize Deepen Production (Sart/ Resume) Water Shat-off Change Plans  Plug and abandonment Notice  Convert to Injection Plug back  Water Disposal  Subsequent Report  Change Plans  Plug and abandon ment starting date of any proposed work and approximate duration thereof.  If the proposal is to deepen directionally for enoughles busined to starting date of any proposed work and approximate duration thereof.  If the proposal is to deepen directionally or recomplete horizontally, give abaptien locations and measured and two vertical depths or periment markers and sands.  Attach the Boad under which the work will performed or provide the Boad No. on file with the BLM BlA. Required subsequent reports shall be filed only after all requirements, including reclamanation, have been completed, Final Abandonment Notice shall be filed only after all requirements, including reclamanation, have been completed, and the operator based extermined that the site is ready for final impection.  Black Hills Gas Resources performed the following work on this well: 1, 1-18-66, MIRU completion rig, drill out CIBP @ 1425*, (1-19-46)  2. **Terice**Ojo Alamo perfa(3114-3146*) with 200 sx Class B (15.6 ppg & 1.18 cs 11/xs) 1-24-66. Drilled out and tested to 500 pal for 30 min, Test OK. 2. Perforate Pletured Cliffs Intervals, Set CIBP @ 3635*, Bollating the perforations (3641-3657 & 3676-3686 under CIBP. § Ran and landed 2 3/8" 4.78 J-55 tubing @ 3629*, 5-09-06 Ran pump and rods.	Do not use this form for proposals to offill for tip the since and not the proposals.  SUBMIT IN TRIPLICATE - Other Instructions on reverse states of the proposals.  SUBMIT IN TRIPLICATE - Other Instructions on reverse states of the proposals.  Type of Well
SUBMIT IN TRIPLICATE - Other Instructions on reverse side FIVE   7. If Unit or CA. Agreement Name and/or No. Name of Operator lack Hills Gas Resources, Inc.   9. AFI Well No.    Ia. Address   P.O. Box 249 Bloomfield, NM 87413   3b. Phone No. (include area code)   9. AFI Well No.    Ia. Address   P.O. Box 249 Bloomfield, NM 87413   3b. Phone No. (include area code)   9. AFI Well No.    Ia. Address   P.O. Box 249 Bloomfield, NM 87413   3b. Phone No. (include area code)   9. AFI Well No.    Ia. Coation of Well (Footage, Sec. T., R. M., or Survey Description)   10. Field and Pool, or Exploratory Area    East Blance, Pretured Cliffs   11. County or Parish, State    Rio Arriba, NM   12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA    TYPE OF SUBMISSION   Type Open   Production (Start/ Resume)   Water State-off    Altering Casing   Fracture Treat   Reclamation   Well Integrity    X Subsequent Report   Casing Repair   New Construction   X Recomplete   Other    Change Plans   Plug and abandon   Temporarily Abandon    Final Abandonment Notice   Convert to Injection   Plug back   Water Disposal    3. 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 horizonatily, give subsurdine locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM BLA Required subsequent reports shall 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 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources	SUBMT IN TRIPLICATE - Other Instructions on reverse sides FIVED    SUBMT IN TRIPLICATE - Other Instructions on reverse sides FIVED   Consumed   Consumer	SUBMIT IN TRIPLICATE - Other Instructions on reverses side; FIVED    Other
Type of Well Oil Well	Type of Well	Substitution   Tribution   T
Name of Operator lack Hills Gas Resources, Inc.  In. Address P.O. Baz 249 Bloomfield, NM 87413  Location of Well (Footage, Sec., T. R. M., or Survey Description) Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Altering Casing Fracture Treat Reclamation Well Integrity  X Subsequent Report  Casing Repair New Construction Plug and abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug and abandon Temporarily Abandon Final Abandonment Notice Tithe proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/BIA, Required subsequent reports shall be filed onte testing has been completed, Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06 2, "Festived" Ojo Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu fl/xx) 1-24-06. Drilled out and tested to 500 psi for 30 min Test OK. 2, Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3641-3657, 3676-3686, 2 jupf 0.43" dla holes, total 96 holes. Breakdown with 650 gallons 7 1/2% HCI @ avg rate 4.5 bpm, avg pressure 2000 psl. Frac 1-28-06 with 145000# 20/40 sand and 95000 gallons 75 quality N2 foam. avg rate 19.8 bpm, avg pressure 2516 psl. 4, Ran & landed 2 3/8" 4.7 # 1-55 tubing @ 3633'. RDMO completion rig 2-04-06.	Name of Operator    Reveal Name and No.   See Hills Gas Resources, Inc.   See Hills Gas Resour	Name of Operator    R. Well Names and No.
Name of Operator   Sec. 12.   Sec. 13.   Sec. 14.   S	Name of Operator  ack Hills Gas Resources, Inc.  a. Address  p.O. Box 249 Bloomfield, NM 87413  Decision of Well (Pootage, Sec., T., R. M., or Survey Description)  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intert  Acidize  Deepen  Production (Start/ Resume)  Altering Casing  Practure Treat  Reclamation  Well Integrity  X Subsequent Report  Casing Repair  New Construction  Recomplete  Change Plans  Plag and abandon  Temporarily Abandon  Temporarily Abandon  If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical epiths of persitent matters and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIAR equaler absocquent reports also dispendent persitent matters and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIAR equaler absocquent reports also believed the resting has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection. If the operation results in a multiple completion or recompletion or file involved operations. If the operation results in a multiple completion or recompleted, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06)  2. Tester? Ojo Alamo perfu(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu fl/sx) 1-24-06. Drilled out and tested to 500 psi for 30 min, Test Ok. 2, Perforate Pictured Cilifs intervals, Set CIBP @ 3633', 16000000000000000000000000000000000000	Name of Operator   Sec. 11. Re.   Sec. 12. Re.   Sec. 13. Address   Sec. 12. Re.   Sec. 13. Address   Sec. 13. Re.   Sec. 13
ack Hills Gas Resources, Inc.  a. Address  P.O. Box 249 Bloomfield, NM 87413  Sec 33, T30N, R03W  T02' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  Activity  Ac	ack Bills Gas Resources, Inc.  a. Address  P.O. Box 249 Bloomfield, NM 87413  Decention of Well (Footage, Sec. T., R., M., or Survey Description)  Sec 33, T30N, R03W  702 FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Altering Casing  Fracture Treat  Reclamation  Well Integrity  X Subsequent Report  Casing Repair  New Construction  Thug and abandon  Final Abandonment Notice  Convert to Injection  Plug back  Water Disposal  3. 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 depen directionally or recomplete bortzontally, give subsurface locations and measured and true vertical depths or pertinent matries and sands. Attach the Bond under which the work will performed op provide the Bond No. on file with the BIAM BIA. Required subsequent reports shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operation results in a multiple completion or new more from 30 160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator results in a multiple completion or new intervious in a	a. Address  A. Address  P.O. Box 249 Bloomfield, NM 87413  See 33, T30N, R03W  T02' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Alberting Casing Finantary Treat  Alberting Casing Finantary Treat  Casing Repair  Casing Flans  Plug and abandon  Plug and abandon  Final Abandonment Notice  Convert to Injection  Plug hack  Wett Disposal  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 two vertical depths or pertinent markers and sands.  Attach the Bond ander which the work will performed provide the Bond No. on file with the BLM BLM Start Start of Start Water Alach the Bond ander which the work will performed provide the Bond No. on file with the BLM BLM Start Start of Start Water Start of Start Water Start on Start Water Start of Start Water Start of Start Water Start on Start Water Start of Start Water Start Star
A Addres P.O. Box 249 Bloomfield, NM 87413  Docation of Well (Footage, Sec., T., R. M., or Survey Description) Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) 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 Altering Casing Fracture Treat Reclamation Well Integrity  X Subsequent Report  Casing Repair New Construction Temporarily Abandon Final Abandonment Notice  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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BLA. Required subsequent reports shall be filed once testing has been completed, Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1. 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06 2. Texted O)o Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu ft/sx) 1-24-06. Drilled out and tested to 500 psi for 30 min Test OK. 2. Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3641-3657, 3676-3686, 2 [spf 0.43" dia holes, total 96 holes. Breakdown with Rose of the proposal proposal proposal proposal stops of the proposal prop	B. Address  P.O. Box 249 Bloomfield, NM 87413  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of intent  Acidize  Deepn  Production (Start/ Resume)  Altering Casing  Procture Treat  Reclamation  Well Integrity  Subsequent Report  Casing Repair  New Construction  Plug and abandon  Temporarily Aband	B. Despensive Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposed is to depen discretionally or completed. Plan Abandonnent Notice hall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, 7-75 (2010). Title  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, 7-75 (2010). Title  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, 7-75 (2010). Title  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, 7-75 (2010). Title  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, 7-75 (2010). Title  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, 7-75 (2010). The performed or performed that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, 7-75 (2010). The performed completed on the complete of the comple
P.O. Box 249 Bloomfield, NM 87413  Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Acidize  Deepen  Production (Start/ Resume)  Altering Casing  Fracture Treat  Reclamation  Well Integrity  X Subsequent Report  Casing Repair  New Construction  Plug and abandon  Temporarily Abandon	P.O. Box 249 Bloomfield, NM 57413  Location of Well (Footage, Sec., T. R. M., or Survey Description)  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  11. County or Parish, State Rio Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Acidize  Deepen  Production (Start/ Resume)  Altering Casing  Fineture Treat  Reclamation  Well Integrity  X Subsequent Report  Casing Repair  New Construction  Temporarily Abandon  Final Abandonment Notice  Canage Plans  Plug and abandon  Final Abandonment Notice  Convert to Injection Plug back  Water Disposal  If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands.  Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BLA. Required subsequent reports stall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion in a new interval, a Form 3160-4 halb of filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Cas Resources performed the following work on this well:  1. 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2. Textor Olo Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cut fixs) 1-24-06. Dilled out and tested to 500 ppi for 30 min, 1-24-06. State of the completion of the involved Carlos in the completion of the involved Carlos in Carlos of Carlos Sci. 3, 3676-3686, 2 Jpsf 0.43" dis holes. Breakdown with 650 gallons 7 1/2% HCl @ avg rate 4.5 bpm, avg pressure 2000 psl. Frac 1-28-06 with 145000# 20/40 sand and 95000 gallons 75 quality N1 foam. avg rate 19.8 bpm, avg pressure 2516 psl. 4, Ran & landed 2 3/8" 4.7 # 3-55 tubing @ 363', solidating t	P.O. Boz 249 Bloomfield, NM 87413  Location of Well (Footage, Sec., T. R. M. or Survey Description)  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Actize  Actize  Actize  Production (Start Resume)  Altering Casing  Fracture Treat  Reclamation  Well Integrity  X Subsequent Report  Casing Repair  New Construction  Plug back  Water Disposal  3. 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 horizonally, give subsurface locations and measured and true vertical depths or pretination 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted in Abandonamen Notice hall be filled only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.  Black Hills Gas Resources performed the following work on this well: 1. 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2. Tenerol Ojo Alamo perfa(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cm fl/x) 1-24-06. Drilled out and tested to 500 psi for 30 min, Test OK. 2. Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3641-3657, 3676-3686, 2 japf 0.43" dia holes, total 96 holes. Breakdown with 650 gallons 7 1/2's RIC (@ avg rate 4.5 bpm, avg pressure 2516 psi. 4, Ran & Lande 23/8" 4.7 # 3-55 tubing @ 3633', Isolating the perforations (3641-3657 & 3676-3686 under CIBP. 6. Ran and landed 2 3/8" 4.7 # 3-55 tubing @ 3635', Isolating the perforations (3641-3657 & 3676-3686 under CIBP. 6. Ran and landed 2 3/8" 4.7 # 3-55 tubing @ 3635'. S-09-06 Ran pump and rods.
Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  11. County or Parish, State Rio Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Acidize  Deepen  Production (Start/ Resume)  Altering Casing  Fracture Treat  Reclamation  Well Integrity  X Subsequent Report  Casing Repair  New Construction  Plug and abandon  Temporarily Abandon  Final Abandonment Notice  Convert to Injection  Plug back  Water Disposal  Desponed 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 or pertinent markers and sands. 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Frac 1-28-06 with 145000# 20/40 sand and 95000 gallons 75 quality N2 foam. avg rate 19.8 bpm, avg pressure 2516 psi. 4, Ran & landed 2 3/8" 4.7	Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  11. County or Parish, State  Rio Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Acidize  Deepen  Production (Start/ Resume)  Water Shat-off  Altering Casing  Practure Treat  Reclamation  Well Integrity  Subsequent Report  Casing Repair  New Construction  Recomplete  Other  Change Plans  Plag and abandon  Temporarily Abandon  Final Abandonent Notice  Convert to Injection  Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. 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Drilled out and tested to 500 ppi for 30 min, Test OK. 2, Perforate Pictured Cliffs 1-2-60 @ 3595-3617, 3641-3657, 3676-3686, 2   ppf 0.43" dis holes, total 95 holes, the polymony with 500 gallons 71/2'4, HCl @ avg rate 4.5 bpm, avg pressure 2000 pp. Frac 1-28-06 with 145000# 20/40 sand and 95000 gallons 75 quality N2 foam. avg rate 19.8 bpm, avg pressure 25	Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 33, T30N, R03W  702' FNL & 583' FWL NW NW Unit D  11. COUNTY of Parish, State  Rio Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Acidize  Deepen  Production (Start/Resume)  Well Integrity  X Subsequent Report  Casing Repair  New Construction  Final Abandonment Notice  Convert to Injection  Plug back  Water Disposal  Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximant duration thereof.  If the proposal is to deepen directionally or recomplete horizontably, give subscribes locations and measured and true vertical depths or pertinent markers and stands.  Attach the Boad under which the work will performed or provide the Boad No. on file with the BLM BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or new interval, a Form 3164 shall be filed once testing has been completed, and Abandonamen Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06)  2, Tested Olo Alamo perfic3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cm fl/rs) 1-24-06. Drilled out and tested to 500 psi for 30 min, Test OK. 3, Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3641-3657, 3676-3686, 2 jspf 0.43" dia holes, total 96 holes. Breakdown with 650 gallons 7 112% HCl@ way rate 4.5 byon, avg pressure 2000 psi. Fres. 1-2-366 with 155000# 20406 and 95000 gallons 7 fly 4-119-06, Test Pictured Cliffs intervals, Set CIBP @ 3635', sloaking the perforations (3641-3657 & 3676-3686 under CIBP _ 6, Ran and landed 2 378" 4.7# J
11. County or Parish, State Rio Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	Sec 33, T30N, R03W 702' FNL & 583' FWL NW NW Unit D  11. County or Parish, State Rio Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION    Notice of Intent	Sec 33, T30N, R03W 702' FNL & 583' FWL NW NW Unit D    11. County or Parish, Sente Rio Arriba, NM     12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
Rio Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	Rie Arriba, NM  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent
TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Acidize  Deepen  Production (Start/ Resume)  Water Shut-off  Altering Casing  Fracture Treat  Reclamation  Well Integrity  X Subsequent Report  Casing Repair  New Construction  X Recomplete  Other  Change Plans  Plug and abandon  Temporarily Abandon	TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent
TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent	TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent
Altering Casing Fracture Treat Reclamation Well Integrity    Casing Repair   New Construction   X Recomplete   Other	Altering Casing Fracture Treat Reclamation Well Integrity    Casing Repair   New Construction   Recomplete   Other	Altering Casing Fracture Treat Reclamation Well Integrity  X Subsequent Report Casing Repair New Construction X Recomplete  Change Plans Plug and abandon Temporarily Abandon  Final Abandonment Notice Convert to Injection Plug back Water Disposal  3. 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BlA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion are not intervals. Form 31604 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, Tested Ojo Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu ft/sx) 1-24-06. Drilled out and tested to 500 psi for 30 min, Test OK. 3, Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3641-3657, 3676-3686, 2 japf 0.43" dia holes, total 96 holes. Breakdown with 650 gallons 7 1/2% HCl @ avg rate 4.5 bpm, avg pressure 2000 psi. Frac 1-28-06 with 145000#2 00/40 sand and 95000 gallons 75 quality NZ foam. avg rate 19.8 bpm, avg pressure 2516 psi. 4, Ran & landed 2 3/8" 4.7 # J-55 tubing @ 3633". RDMO completion rig 2-02-06. 5.  MIRU completion rig 4-19-06, Test Pictured Cliffs intervals, Set CIBP @ 3635', isolating the perforations (3641-3657 & 3676-3686 under CIBP. 6, Ran and landed 2 3/8" 4.7# J-55 tubing @ 3629'. 5-09-06 Ran pump and rods.
Altering Casing Fracture Treat Reclamation Well Integrity    Casing Repair   New Construction   X Recomplete   Other	Altering Casing Fracture Treat Reclamation Well Integrity    Casing Repair   New Construction   Recomplete   Other	Altering Casing Fracture Treat Reclamation Well Integrity  X Subsequent Report Casing Repair New Construction X Recomplete  Change Plans Plug and abandon Temporarily Abandon  Final Abandonment Notice Convert to Injection Plug back Water Disposal  3. 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion are not introved operations. If the operation results in a multiple completion or recompletion or recompletion the file within 30 days following completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, "Festered" Ojo Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu ft/sx) 1-24-06. Drilled out and tested to 500 psi for 30 min, Test OK 3, Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3641-3657, 3676-3686, 2 jspf 0.43" dia holes, total 96 holes. Breakdown with 650 gallons 7 1/2% HCl @ avg rate 4.5 bpm, avg pressure 2000 psi. Frac 1-28-06 with 1450004 20/40 sand and 95000 gallons 75 quality NZ foam. avg rate 19.8 bpm, avg pressure 2516 psi. 4, Ran & landed 2.3/8" 4.7 # J-55 tubing @ 3633". RDMO completion rig 2-02-06. S. MIRU completion rig 4-19-06, Test Pictured Cliffs intervals, Set CIBP @ 3635', isolating the perforations (3641-3657 & 3676-3686 under CIBP. 6, Ran and la
X Subsequent Report	X Subsequent Report  Casing Repair  New Construction  X Recomplete  Other  Change Plans  Plug and abandon  Temporarily Abandon  Tempora	Casing Repair
Change Plans  Plug and abandon  Temporarily Abandon	Change Plans Plug and abandon Temporarily Abandon  [Final Abandonment Notice Convert to Injection Plug back Water Disposal  3. 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall 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 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1. 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2. Tested Ojo Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu fl/sx) 1-24-06. Drilled out and tested to 500 psi for 30 min, Test OK. 3. Perforate Pictured Cliffs 1-24-06 @ 3595-3617, 3641-3657, 3676-3686, 2 japf 0.43" dla holes, total 96 holes. Breakdown with 650 gallons 7 1/2% HCl @ avg rate 4.5 bpm, avg pressure 2000 psi. Frac 1-28-06 with 145000# 20/40 sand and 95000 gallons 75 quality N2 foam. avg rate 19.8 bpm, avg pressure 2516 psi. 4. Ran & landed 2 3/8" 4.7 # J-55 tubing @ 3633'. RDMO completion rig 4-19-06, Test Pictured Cliffs intervals, Set CIBP @ 3635', Isolating the perforations (3641-3657 & 3676-3686 under CIBP. 6. Ran and landed 2 3/8" 4.7# J-55 tubing @ 3629'. 5-09-06 Ran pump and rods.	Change Plans Phug and abandon Temporarily Abandon  Final Abandonment Notice Convert to Injection Plug back Water Disposal  3. 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall 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 31604 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  Black Hills Gas Resources performed the following work on this well: 1, 1-18-06, MIRU completion rig, drill out CIBP @ 1425', (1-19-06) 2, Testforf Ojo Alamo perfs(3114-3146') with 200 sx Class B (15.6 ppg & 1.18 cu ff/sx) 1-24-06. Drilled out and tested to 500 psi for 30 mln, Test OK. 3, Perforate Pictured Cliffs 1-26-06 @ 3595-3617, 3661-3657, 3676-3686, 190 following the 10-10 start of the star
Final Abandonment Notice Convert to Injection Plug back Water Disposal  3. 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall 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 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)  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(Instructions on page 2)

