submitted in lieu of Form 3160-5

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Name of Operator RESOURCES OIL 5 GAS COMPANY Address 5 Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326 May Location of Well, Footage, Sec., T, R, M 1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMPM 2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent X Abandonment Abandonment Y Notice of Intent X Box Completion Y New Construction New Construction Non-Routine Fracturing Casing Repair Water Shut off Final Abandonment Altering Casing Other Other 13. Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. 14. I hereby certify that the foregoing is true and correct. Signed MALL (MF7) Title Regulatory Supervisor Date 11/15/01 Title Date W/36/dd	Sundry Notic	es and Report	s on Wells			27
Type of Well GAS Name of Operator RESOURCES OIL & GAS COMPANY Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326 19 9 API Well No. 30-039-2598 Location of Well, Footage, Sec., T, R, M 10. Field and Pool 1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMPM 11. County and Sta Rio Arriba Co, P. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, RIPORT, OTHER DATA Type of Submission X. Notice of Intent X. Abandonment Change of Plans Recompletion Non-Routine Fracturing Subsequent Report Plugging Back Non-Routine Fracturing Gasing Repair Mater Shut off Final Abandonment Altering Casing Conversion to Injection Other 3. Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. (MF7) Title Regulatory Supervisor Date 11/15/01 no (This space for Federal or State Office use) PPROVOED BY Title Date 11/36/68				<u> </u>	5.	Lease Number
Tribe Name GAS Name of Operator RESOURCES OIL 5 GAS COMPANY Address & Phone No. of Operator PD Box 4289, Farmington, NM 87499 (505) 326 Location of Well, Footage, Sec., T, R, M 10. Field and Pool Basin Fruitlan 11. County and Sta Rico Arriba Co, CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent Subsequent Report Plugging Back Casing Repair Altering Casing Other Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. This space for Federal or State Office use) PROVED SP Title Date ## 1/36/84			1.7			
Name of Operator RESOURCES OIL & GAS COMPANY Address & Phone No. of Operator FO Box 4289, Farmington, NM 87499 (505) 326 409 Location of Well, Footage, Sec., T, R, M 10. Field and Pool 1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMPM CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X. Notice of Intent X. Abandonment Recompletion Subsequent Report Casing Repair Final Abandonment Altering Casing Conversion to Injection Other Check Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Altering Casing Conversion It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Altering Casing Conversion Other Check Proposed or Completed Operations Other Chack Proposed or Completed Operations Other Ot			345	780	6.	·
Address & Phone No. of Operator FO Box 4289, Farmington, NM 87499 (505) 326-409. Location of Well, Footage, Sec., T, R, M 10. Steld and Pool 1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMFM Location of Well, Footage, Sec., T, R, M 10. Field and Pool 1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMFM Location of Well, Footage, Sec., T, R, M 10. Field and Pool 11. County and Sta Rio Arriba Co, CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Action X Notice of Intent X Abandonment X Abandonment Y Abandon				000	7.	Unit Agreement Nam
Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-009 Location of Well, Footage, Sec., T. R. M 10. Field and Pool Basin Fruitlan 11. County and Sta Rio Arriba Co, CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent X Abandonment Change of Plans Recompletion New Construction Plugging Back Non-Routine Fracturing Casing Repair Altering Casing Other Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Altering Casing Repair Altering Casing to the attached procedure and wellbore diagram. Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Date 11/15/01 May All MF7) Title Regulatory Supervisor Date 11/15/01	<u> </u>		DEC S	IVED ?	2	
FO Box 4289, Farmington, NM 87499 (505) 326 30 9 API Well No. 30-039-25588 Location of Well, Footage, Sec., T, R, M 10. Field and Pool 1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMPM 11. County and Sta Ric Arriba Co, CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission Type of Action Type of Submission Type of Action New Construction New Construction Non-Routine Fracturing Casing Repair Non-Routine Fracturing Casing Repair Non-Routine Fracturing Tinal Abandonment Altering Casing Conversion to Injection Other - Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. 4. I hereby certify that the foregoing is true and correct. In the subject of Federal or State Office use) PROVED BY 111e Date 11/15/01	RESOURCES OIL &	GAS COMPANY	PE OIL	6 18'	링 %.	San Juan 29-7 Unit
Location of Well, Footage, Sec., T, R, M 10. Field and Pool 1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMFM 11. County and Sta Rio Arriba Co, CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent X Abandonment Casing Repair Casing Repair Casing Repair Conversion to Injection Cher- Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. A I hereby certify that the foregoing is true and correct. (MF7) Title Regulatory Supervisor Date 11/15/01 Date W/30/dd	Address & Phone No. of Operator PO Box 4289, Farmington, NM	87499 (505) 3	\L \(\alpha\).	-05/3/19	9.	API Well No.
1850'FSL, 940'FEL, Sec.5, T-29-N, R-7-W, NMFM 11. County and Sta Rio Arriba Co, CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent X Abandonment Change of Plans New Construction New Construction Non-Routine Fracturing Casing Repair Altering Casing Conversion to Injection Other Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. A I hereby certify that the foregoing is true and correct. In on Other Mereby certify that the foregoing is true and correct. In on This space for Federal or State Office use) PPROVED BY Title Date 11/15/01	Toolage Se	т. R. M			10.	
Type of Submission X Notice of Intent X Abandonment X New Construction Subsequent Report Final Abandonment Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. This space for Federal or State Office use) Proproved BY Title Date W30/80 Change of Plans New Construction New Construction Change of Plans New Construction Change of Plans New Construction Change of Plans New Construction New Constructio	1850'FSL, 940'FEL, Sec.5, T-29	9-N, R-7-W, N	IPM		11.	
Type of Submission X Notice of Intent X Abandonment Change of Plans X Notice of Intent X Abandonment New Construction Subsequent Report Plugging Back Casing Repair Water Shut off Final Abandonment Other - Conversion to Injection Other - Conversion to Injection Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Other - Conversion to Injection This space for Federal or State Office use) Plugging Back Non-Routine Fracturing Non-Routine Fracture Fract						
X Notice of Intent X Abandonment Change of Plans Recompletion Non-Routine Fracturing Plugging Back Casing Repair Water Shut off Conversion to Injection Other - Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Thereby certify that the foregoing is true and correct. (MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) Perroved BY Title Date W/30/20	CHECK APPROPRIATE BOX TO IND	ICATE NATURE	F NOTICE,	REPORT, O	THER	DATA
Subsequent Report Plugging Back Casing Repair Water Shut off Final Abandonment Other - Conversion to Injection Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. Date 11/15/01 Date W30 AU Date W10 Au Date W1	rype or Submission X Notice of Intent	X_ Abandonm	ent	Change o		
Casing Repair Water Shut off Altering Casing Conversion to Injection Other - Describe Proposed or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. It hereby certify that the foregoing is true and correct. MF7) Title Regulatory Supervisor Date 11/15/01 This space for Federal or State Office use) PPROVED BY Title Date W30/41	– –	Recomple	ion	New Cons	truct	tion Eracturing
The label of Federal or State Office use) Perroved or Completed Operations It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. I hereby certify that the foregoing is true and correct. (MF7) Title Regulatory Supervisor Date 11/15/01 perroved by Title Date W30/dl	Subsequent Report			Non-Kout Water Sh	ut of	ff
Thereby certify that the foregoing is true and correct. Oned May ble (MF7)Title Regulatory Supervisor Date 11/15/00 PPROVED BY Title Date W30/dl	Final Abandonment			Conversi	on to	o Injection
It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. I hereby certify that the foregoing is true and correct. Gred May Cl (MF7) Title Regulatory Supervisor Date 11/15/00 This space for Federal or State Office use) PEROVED BY Title Date W30/01		Other -	-			
It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram. I hereby certify that the foregoing is true and correct. I hereby certify that the foregoing is true and correct. (MF7) Title Regulatory Supervisor Date 11/15/00 This space for Federal or State Office use) PPROVED BY Title Date W30/01	Describe Proposed or Compl	eted Operatio	ns			· · · · · · · · · · · · · · · · · · ·
igned MF7) Title Regulatory Supervisor Date 11/15/09 no This space for Federal or State Office use) PPROVED BY Title Date W/30/01	It is intended to plug and procedure and wellk	abandon the core diagram.	subject we]	l accordi	ng t	o the attached
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date 11/30/61						
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date W/30/61						
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date W/30/61						
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date W/30/61						
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date 11/30/61						
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date W/30/61						
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date W/30/61						
igned MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date W/30/01						
igned light (MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date 11/30/61						
igned light (MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date 11/30/61						
igned light (MF7) Title Regulatory Supervisor Date 11/15/06 no This space for Federal or State Office use) PPROVED BY Title Date 11/30/61						
This space for Federal or State Office use) PROVED BY (MF7) Title Regulatory Supervisor Date 11/15/06 Date 11/15/06 Date 11/15/06						
This space for Federal or State Office use) PPROVED BY (MF7) Title Regulatory Supervisor Date 11/15/06 Date 11/15/06 Date 11/15/06	I hereby certify that the	foregoing is	true and c	orrect.		· · · · · · · · · · · · · · · · · · ·
This space for Federal or State Office use) PPROVED BY Title Date	med Seggy (all				or_	Date 11/15/00
	his space for Federal or State PROVED BY	e Office use) Title		Da	te _	11/30/as
ONDITION OF APPROVAL, if any:						

San Juan 29-7 Unit #505R

Basin_Fruitland Coal AIN: 6118901 1850' FSL and 940' FEL, Sec 05, T29N R07W Rio Arriba County, New Mexico Long: 36° 45.18492, Lat: 107° 35.2632

Recommendation

The San Juan 29-7 Unit #505R was drilled and completed open-hole in the Fruitland Coal formation in 1996. The final pitot gauge after completion was 54 Mcf/D. The highest production in the life of the well was 8 Mcf/D. The well has been nonproductive for nearly 3 years. It is currently a BLM demand well. Production Operations and the Underpressure Fruitland Coal team recommend that the San Juan 29-7 Unit #505R be plugged and abandoned.

Plug and Abandonment Procedure

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.

- 1. Install and test rig anchors if necessary. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head. Test BOP.
- 2. TOH and tally 90 joints 2-3/8" tubing (2835'); visually inspect the tubing. If necessary, LD tubing and PU 2" workstring. Round-trip 7" gauge ring or casing scraper to 2600', or as deep as possible.
- 3. Plug #1 (Fruitland Coal interval, 7" casing shoe and 5-1/2" liner top, 2600' 2500'): Set 7" wireline CIBP or cement retainer at 2600'. TIH with tubing and tag. Load well with water and circulate clean. Pressure test casing to 1000#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 29 sxs Class B cement and spot a balanced plug inside the casing above the CIBP to isolate the Fruitland Coal interval. PUH to 2150'.
- 4. Plug #2 (Kirtland and Ojo Alamo tops, 2150' 1870'): Mix 64 sxs Class B cement and spot balanced plug inside casing over Kirtland and Ojo Alamo tops. PUH to 940'.
- 5. Plug #3 (Nacimiento top, 940' 840'): Mix 29 sxs Class B cement and spot balanced plug inside casing to cover Nacimiento top. PUH to 472'.
- 6. Plug #4 (9-5/8" Surface casing shoe, 472' 372'): Attempt to pump into the bradenhead valve; pressure test the bradenhead annulus to 300#. If the bradenhead does not hold pressure, perforate and circulate cement to surface. If the bradenhead pressure tests, then establish circulation down the tubing and out the casing valve. Mix 29 sxs Class B cement and spot a balanced plug inside the casing from 472' - 372' to cover the 9-5/8" casing shoe.
- 7. Plug #5 (9-5/8"36# Casing shoe, 60' surface): If the bradenhead did pressure test, PUH to 60'. Mix 12 sxs Class B cement and spot a balanced plug inside the casing from 60' to surface. Circulate cement out casing valve. TOH and LD tubing. Shut in well and WOC.
- 8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL, cut off rig anchors and restore location.

Recommended:	Mhe Hodoloh Operations Engineer	Approved:	Bruce D. Boyy 11.13.00 Drilling Superintendent
Regulatory Appro	Wal: Seggy Call 11-14.	OO Required:	Yes No

Office: 326-9577 Operations Engineer: Mike Haddenham Pager: 327-8427

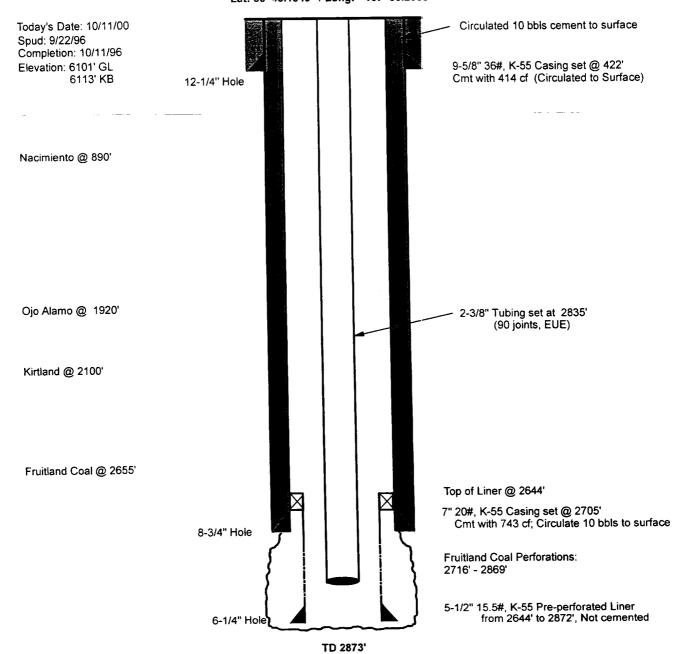
San Juan 29-7 Unit #505R

Current

AIN #611890701

Basin Fruitland Coal

SE, Section 5, T-29-N, R-7-W Rio Arriba County, NM Lat: 36 45.1849' / Long: -107 35.2963'



San Juan 29-7 Unit #505R

Proposed P&A

AIN #6118901

12-1/4" Hole

6-1/4" Hole

Basin Fruitland Coal

SE, Section 5, T-29-N, R-7-W Rio Arriba County, NM Lat:36 - 45.18492' / Long:-107 - 35.29632'

Plug #5 60' - Surface Cmt with 12 sxs Class B

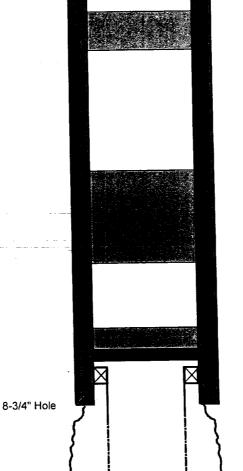
Today's Date: 10/11/00 Spud: 9/22/96 Completion: 10/11/96 Elevation: 6101' GL 6113' KB

Nacimiento @ 890'

Ojo Alamo @ 1920'

Kirtland @ 2100'

Fruitland Coal @ 2655'



TD 2873'

Circulated 10 bbls cement to surface

9-5/8" 36#, K-55 Casing set @ 422' Cmt with 414 cf (Circulated to Surface)

Plug #4 472' - 372' Cmt with 29 sxs Class B

Plug #3 940' - 840' Cmt with 29 sxs Class B

Plug #2 2150' - 1870' Cmt with 64 sxs Class B

Plug #1 2600' - 2500' Cmt with 29 sxs Class B

Set CIBP at 2600'

Top of Liner @ 2644'

7" 20#, K-55 Casing set @ 2705' Cmt with 743 cf; Circulate 10 bbls to surface

Fruitland Coal Perforations: 2716' - 2869'

5-1/2" 15.5#, K-55 Pre-perforated Liner from 2644' to 2872', Not cemented