# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700  Location of Well, Footage, Sec., T. R. M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission Type of Action  X_ Notice of Intent Abandonment Recompletion Subsequent Report Plugging Back Conversion to Injection Altering Casing Altering Casing Conversion to Injection  3. Describe Proposed or Completed Operations  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Return well to production.  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Return well to production.  Return well to production.  Altering Casing Repair Subsequent Report Return well to production.  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Return well to production.  NU BOP. Tooh w/1" tubing. Drill open hole to 2130'. Run open hole logs. Return well to production.  Return well to production.  Subsequent Report Subsequent Report Return well to production.  Subsequent Report Return well production Return well production Return Non-Return Report Return Non-Return Report Return Non-Return Report Return Non-Return Rep		-/-	
5. Lease Number New MN-09940  6. If Indian, All. or Tribe Name  7. Unit Agreement Name  8. Well Name & Number Payre A #1 Apr Well No. 30-045-05818  1. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700  9. Location of Well, Footage, Sec., T, R, M 30-045-05818  1. Location of Well, Footage, Sec., T, R, M 30-045-05818  1. Location of Well, Footage, Sec., T, R, M 30-045-05818  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Action  Type of Submission Type of Action  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission  Type of Submission Type of Action  Abandonment Recompletion Non-Routine Fracturing Non-Routine Fracturing Casing Repair Non-Routine Fracturing Altering Casing Repair Conversion to Injection  3. Describe Proposed or Completed Operations  It is intended to restimulate the subject well in the following manner:  NU BOP, TOOH w/1" tubing, Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  1. Thereby certify that the foregoing is true and correct.  Append Mark Matheway (KKKPC) Title Requistory Administrator Date 11/4/96  This space for Federal or State Office use)  PROVED DE NOTION OF APPROVAL, if any:    Date   SP D V E D   SPROVED   SPROV	Sundry Notices and Reports on Wells	3	·
GAS  1. Type of Well GAS  1. Name of Operator  RESOURCES  OIL & GAS COMPANY  1. Address & Phone No. of Operator  PO Box 4289, Farmington, NM 37499 (505) 326-9700  1. Location of Well, Footage, Sec., T, R, M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM 2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission  Type of Action  X. Notice of Intent Abandonment Recompletion Recompletion Recompletion Now-Routine Fracturing Non-Routine Fracturing Altering Casing Repair Occurrence Tinal Abandonment Altering Casing Conversion to Injection  3. Describe Proposed or Completed Operations It is intended to restimulate the subject well in the following manner:  NU BOD. TOOH W/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  1. The pably certify, that the foregoing is true and correct.  Speed Administrator Date 11/4/96 This space for Federal or State Office use) PROVED  Notice of PPROVAL, if any:  Title  Date Scribance Number  Tribe Name  7. Unit Agreement Name  8. Well Name & Number Payne A #1  9. API Well No. 30-045-0518  9-04-05-0518  10. Field and Pool 10. Field and Pool 10. Field and Pool 11. County and State 11. County and State 12. Change of Flans Now Construction Now Construc			<u>,_: 02</u>
Tribe Name  7. Unit Agreement Name  RESOURCES  OIL & GAS COMPANY  1. Address & Phone No. of Operator		5.	
C. Name of Operator  RESOURCES**  OIL & GAS COMPANY  1. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700  1. Location of Well, Footage, Sec., T, R, M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission Type of Action  X. Notice of Intent Abandonment Change of Plans Recompletion New Construction New Constructi	l. Type of Well	The demanda	
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RESOURCES  OIL & GAS COMPANY  8. Well Name & Number Payne A #1 PO Box 4289, Farmington, NM 87499 (505) 326-9700  Location of Well, Footage, Sec., T. R. M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM  Type of Submission  X Notice of Intent Subsequent Report Final Abandonment Final Abandonment Altering Casing Altering Casing X Other - Restimulate  NU BOP. TOOH W/I" tubing. Drill open hole to 2130'. Run open hole logs. Run 31/2' casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Fictured Cliffs. Clean out. Rerun tubing. Return well to production.  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH W/I" tubing. Drill open hole to 2130'. Run open hole logs. Run 31/2' casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Fictured Cliffs. Clean out. Rerun tubing. Return well to production.  It hereby certify that the foregoing is true and correct.  Syed  MALLUL (KKKPC) Title Regulatory Administrator Date 11/4/96  Title  Date  SS/Duane W-Spencer			Tribe Name
Address & Phone No. of Operator  PO Box 4289, Farmington, NM 87499 (505) 326-9700  Location of Well, Footage, Sec., T. R. M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM  C. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Submission  Type of Submission  X. Notice of Intent  Subsequent Report  Plugging Back Altering Casing Altering Casing Altering Casing  Conversion to Injection  NU BOP. TooH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and comment to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing.  Return well to production.  It is intended to restimulate the subject well in the following manner:  NU BOP. TooH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and comment to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.		7	IImih Bar
Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700  Location of Well, Footage, Sec., T. R. M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM 10. Field and Pool Ballard Fictured Clif 11. County and State San Juan Co, NM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent Recompletion Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Altering Casing Conversion to Injection  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  11. Thereby certify, that the foregoing is true and correct.  Square Mathewald (KKKPC) Title Regulatory Administrator Date 11/4/96  This space for Federal or State Office use) PROVED By Title Date  SS/Duane W-Spencer	2. Name of Operator	, .	Onit Agreement Name
Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700  Location of Well, Footage, Sec., T. R. M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM 10. Field and Pool Ballard Fictured Clif 11. County and State San Juan Co, NM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent Recompletion Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Altering Casing Conversion to Injection  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  11. Thereby certify, that the foregoing is true and correct.  Square Mathewald (KKKPC) Title Regulatory Administrator Date 11/4/96  This space for Federal or State Office use) PROVED By Title Date  SS/Duane W-Spencer	BURLINGTON		
8. Well Name & Number Payme A #1 PO Box 4289, Farmington, NM 67499 (505) 326-9700 90 FSL, 1090'FWL, Footage, Sec., T, R, M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM 10. Field and Pool Ballard Pictured Clift. County and State San Juan Co, NM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent Recompletion Subsequent Report Plugging Back Plugging Back Non-Routine Fracturing Altering Casing Altering Casing X Other - Restimulate  3. Describe Proposed or Completed Operations It is intended to restimulate the subject well in the following manner:  NU BOP, TOOH W/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  1. Thereby certify that the foregoing is true and correct.  Chis space for Federal or State Office use) PROVED BY Title Date  SyDuane W. Spencer	RESOURCES OIL & GAS COMPANY		
Po Box 4289, Farmington, NM 87499 (505) 326-9700  10. Location of Well, Footage, Sec., T, R, M 990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM Ballard Pictured Clif County and State San Juan Co, NM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission  Type of Submission  X Notice of Intent  Abandonment  Recompletion  Plugging Back Non-Routine Fracturing  Casing Repair  Water Shut off Conversion to Injection  X Other - Restimulate  3. Describe Proposed or Completed Operations  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  It hereby certify that the foregoing is true and correct.  Chis space for Federal or State Office use)  PROVED BY  Title  Date SyDuane W. Spencer	oll a dib commit	0	77-11 40
PO Box 4289, Farmington, NM 87499 (505) 326-9700  10 API Well No. 30-045-05818  11 Location of Well, Footage, Sec., T, R, M  10 Field and Pool Ballard Pictured Clif 11 County and State San Juan Co, NM  12 CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission  13 Pool Action  14 Abandonment  15 Change of Plans  16 Recompletion  17 Altering Casing Repair  18 Conversion to Injection  19 Altering Casing Restimulate  10 County and State San Juan Co, NM  10 Field and Pool Ballard Pictured Clif County and State San Juan Co, NM  11 County and State San Juan Co, NM  12 County and State San Juan Co, NM  13 Change of Plans  14 Recompletion  15 New Construction  16 New Construction  17 Casing Repair  18 Conversion to Injection  19 Conversion to Injection  19 Conversion to Injection  10 County and State San Juan Co, NM  11 Submission  10 Change of Plans  11 New Construction  10 New Construction  11 County and State San Juan Co, NM  12 Change of Plans  12 County and Co, NM  13 Change of Plans  14 New Construction  15 New Construction  16 New Construction  17 Conversion to Injection  18 In the following manner:  18 Num Bop. Took w/1" tubing. Drill open hole to 2130'. Run open hole logs.  19 Return well to production.  19 Prove County and State San Juan Co, NM  10 Pield and Pool Ballard Pictured Clif San Juan Co, NM  10 County and State San Juan Co, NM  11 County and State San Juan Co, NM  12 County and State San Juan Co, NM  13 County and State San Juan Co, NM  15 County and State San Juan Co, NM  16 County and State San Juan Co, NM  17 County and State San Juan Co, NM  18 County and State San Juan Co, NM  19 County and State San Juan Co, NM  10 County and County and State San Juan Co, NM  11 County and State San Juan Co, NM  12 County	. Address & Phone No. of Operator	٥.	
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Docation of Well, Footage, Sec., T, R, M  990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM  10. Field and Pool Ballard Pictured Clif 11. County and State San Juan Co, NM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission  X Notice of Intent  Abandonment  Change of Plans  Recompletion  Non-Routine Fracturing  Casing Repair  Water Shut off Conversion to Injection  3. Describe Proposed or Completed Operations  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs.  Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing.  Return well to production.  Abandonment  Change of Plans  New Construction  Ne		9.	
Ballard Pictured Clif  11. County and State San Juan Co, NM  2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission  X Notice of Intent  Recompletion  Plugging Back  Casing Repair  Final Abandonment  Altering Casing  X Other - Restimulate  Non-Routine Fracturing  Abandonment  Altering Casing  Conversion to Injection  X Other - Restimulate  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing.  Return well to production.  1. Thereby certify that the foregoing is true and correct.  Append August Matheward (KKKPC) Title Regulatory Administrator Date 11/4/96  This space for Federal or State Office use) PROVED BY  Title  Date  S/Duane W-Spencer	. Location of Well, Footage, Sec., T, R, M	10.	
2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Submission  X Notice of Intent  Abandonment  Recompletion  Subsequent Report  Plugging Back  Non-Routine Fracturing  Casing Repair  Altering Casing  X Other - Restimulate  3. Describe Proposed or Completed Operations  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.	990'FSL, 1090'FWL, Sec.13, T-26-N, R-9-W, NMPM	20.	
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2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA  Type of Submission  X Notice of Intent  Abandonment  Recompletion  Recompletion  Now Construction  Non-Routine Fracturing  Water Shut off  Casing Repair  Altering Casing  Conversion to Injection  X Other - Restimulate  3. Describe Proposed or Completed Operations  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs.  Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  1. Thereby certify that the foregoing is true and correct.  Requal Mandal Mandal (KKKPC) Title Regulatory Administrator Date 11/4/96  PROVED BY  Title  Date S/Duane W Spencer			
Type of Action  X Notice of Intent  Abandonment  Recompletion  New Construction  New Construction  New Construction  New Construction  New Construction  Non-Routine Fracturing  Casing Repair  Water Shut off  Conversion to Injection  Altering Casing Conversion to Injection  Total Abandonment  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs.  Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  Thereby certify that the foregoing is true and correct.  Ghad Abandonment  Change of Plans  Non-Routine Fracturing  Water Shut off  Conversion to Injection  Total Provession to Injection  Non-Routine Fracturing  Water Shut off  Conversion to Injection  Total Provession to Injection  Non-Routine Fracturing  Water Shut off  Conversion to Injection  Other - Restimulate  Non-Routine Fracturing  Water Shut off  Conversion to Injection  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs.  Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing.  Return well to production.	2 CHECK ADDRODDIAN DOWN		•
X Notice of Intent	2. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	REPORT, OTHER	DATA
Subsequent Report  Recompletion Plugging Back Casing Repair Altering Casing Conversion to Injection  Altering Casing Conversion to Injection  Conversion to Injection  Recompleted Specification Altering Casing Conversion to Injection  Recompleted Specification  Altering Casing Conversion to Injection  Recompleted Specification  Non-Routine Fracturing Water Shut off Conversion to Injection  Recompletion Non-Routine Fracturing Water Shut off Conversion to Injection  Recompletion Non-Routine Fracturing Water Shut off Conversion to Injection  Recompletion Non-Routine Fracturing Water Shut off Conversion to Injection  Recompletion Non-Routine Fracturing Water Shut off Conversion to Injection  Non-Routine Fracturing Conversion to Injection  Non-Routine Fracturing Water Shut off Conversion to Injection  Non-Routine Fracturing Conversion to Injection  Non-Routine Fracturing Conversion to Injection  Non-Routine Fracturing Water Shut off Conversion to Injection  Non-Routine Shut off Con	Tipe of Acti		
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Altering Casing Conversion to Injection  Altering Casing Conversion to Injection  Other - Restimulate  Other - Restimulate  The proposed or Completed Operations  It is intended to restimulate the subject well in the following manner:  NU BOP. TOOH w/1" tubing. Drill open hole to 2130'. Run open hole logs. Run 3 1/2" casing to new total depth and cement to surface. Perforate, acidize and foam fracture treat Pictured Cliffs. Clean out. Rerun tubing. Return well to production.  Return well to production.  Thereby certify that the foregoing is true and correct.  Grad Manner (KKKPC) Title Regulatory Administrator Date 11/4/96  Chis space for Federal or State Office use)  PEROVED BY  Title  Date //S/Duane W. Spencer		Non-Routine F	racturing
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Chis space for Federal or State Office use)  PROVED BY  Title  Date    State   Discourse	Return well to production.		
Chis space for Federal or State Office use) PROVED BY NDITION OF APPROVAL, if any:    Chis space for Federal or State Office use)   Title   Date   S/Duane W. Spencer			
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### Payne A #1 Pertinent Data Sheet

Location: 990' FSL & 1090' FWL, Unit M, Section 13, T26N, R9W, San Juan County, New Mexico

Lat: 36-29-0 Long: 107-44-44

Field: Ballard PC Elevation: 6321' GL . TD: 2109'

6331' KB PBTD: 2109'

**Spud Date:** 1/10/54 **Compl Date:** 1/29/54 **DP #:** 48985A

Lease: (Fed) NM 4113-U01

NRI: 50.70937% Prop#: 012615800

**Casing Record:** 

Hole Size Csg Size Wt. & Grade Depth Set Cement Cement (Top) 13-3/4" 9-5/8" 36# H-40 94' 125 sx. Circ Cmt e7-7/8" 5-1/2" 15.5# CF&I J-55 2012' 175 sx. 982' @ 75% Eff.

e4-3/4" OH 2012'-2109'

**Tubing Record:** 

<u>Tbg. Size</u> <u>Wt. & Grade</u> <u>Depth Set</u> <u># Joints</u> 1" 1.7# 2058' ≈ 98

**Formation Tops:** 

Ojo Alamo: 1210' Kirtland Shale: 1357' Fruitland: 1607' Pictured Cliffs: 2007'

Logging Record: GR/N

Stimulation: SOH w/ 220 qts SNG

Workover History: None

Production History: 8/96 PC capacity: 14 MCF/D. 8/96 PC cum: 953 MMCF.

Pipeline: EPNG

#### Payne A #1

#### Section 13M, T-26-N, R-9-W San Juan County, NM

## BALLARD PICTURED CLIFFS WELLBORE SCHEMATIC

