

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals.

SUBMIT IN TRIPLICATE

010 ALBUQUERQUE, N.M.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330' FNL, 2310' FWL, Sec. 9, T23W, R3W, N.M.P.M.

FORM APPROVED

Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

Jicarilla Contract 412

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Chacon Jicarilla D 8

9. API Well No.

30-039-21257

10. Field and Pool, or exploratory Area

W Lindrith Gallup Dakota

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

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work; If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

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 Don Graham

Title Production Foreman

Date 3/18/99

(This space for Federal or State office use)

Approved by Don R. [Signature]

Title Lands and Mineral Resources

Date APR 28 1999

Conditions of approval, if any:

Surface Restoration costs in attached letter.

Title 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 fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

## PLUG & ABANDONMENT PROCEDURE

3-16-99

### **Chacon Jicarilla D #8**

Chacon Dakota

330' FNL, 2310' FWL, Section 9, T-23-N, R-3-W  
Rio Arriba Co., New Mexico

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. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and tally 2-3/8" tubing (193 joints, 6035'); visually inspect the tubing. If necessary LD tubing and PU 2" workstring. Round-trip 4-1/2" gauge ring to 6050'.
3. **Plug #1 (Greenhorn & Niobrara perforations and tops, 7666' - 5980')**: Set 4-1/2" cement retainer at 6030'. Pressure test tubing to 1000#. Attempt to pump below retainer into perforations. probably will not take fluid because of the downhole fire melting the fish to the casing. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test then spot or tag subsequent plug. Mix and pump 129 sxs Class B cement, squeeze 121 sxs below retainer into perforations and leave 8 sxs above CR to isolate Greenhorn and Niobrara perforations. If unable to pump below retainer then spot 12 sxs above. TOH with tubing.
4. **Plug #2 (Mesaverde top, 4753' - 4653')**: Perforate 3 squeeze holes at 4753'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 4703'. Establish rate under CR into squeeze holes. Mix 50 sxs Class B cement, squeeze 39 sxs outside casing and spot 11 sxs inside to cover Mesaverde top. PUH tubing to 3184'.
5. **Plug #3 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3184' - 2677')**: Mix 41 sxs Class B cement and spot balanced plug inside casing over Ojo Alamo top. TOH and LD tubing.
6. **Plug #4 (Nacimiento top, 1120' - 1020')**: Perforate 3 squeeze holes at 1120'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 1070'. Establish rate under CR into squeeze holes. Mix 50 sxs Class B cement, squeeze 39 sxs outside casing and spot 11 sxs inside to cover Nacimiento top. TOH and LD tubing.
7. **Plug #5 (8-5/8" Surface Casing at 261')**: Perforate 3 HSC squeeze holes at 311'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs Class B cement down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors and restore location.

# Chacon Jicarilla D #8

Current

Chacon Dakota

SE, Section 3, T-23-N, R-3-W, Rio Arriba County, NM

Today's Date: 3/16/99  
Spud: 7/28/76  
Comp: 9/9/76  
Elevation: 7293' (GL)  
7307' (KB)

12-1/4" hole

8-5/8" 24#, K-55 Csg set @ 261'  
200 sxs cement (Circulated to Surface)

## Workover History

Mar '90: Tag fill at 7495'; pull tubing. OK;  
land tubing and return to production.

Aug '93: Re-Completion: Set CIBP at 7285';  
PT casing, held OK; ran CBL; perforate and  
frac Greenhorn from 6929' to 7266'; set CIBP  
at 6550'; perforate and frac Niobrara from  
6275' to 6519'; drill CIBP at 6550'; while  
drilling CIBP at 7285', lost 17 jts tubing and bit  
in well at 6054'; downhole fire probable;  
found tight spot in casing at 3675' with  
overshot; fished for 12 days, milled out to  
6054'; land tubing at 6035'

Nacimiento @ 1070'

Ojo Alamo @ 2727'

Kirtland @ 2826'

Fruitland @ 2958'

Pictured Cliffs @ 3134'

TOC @ 2567'  
(Calc, 75%)

2-3/8" Tubing Set at 6035'  
(193 jts, SN @ 5965')

Mesaverde @ 4703'

DV Tool @ 3268'  
Cmt w/ 213 cf

TOC @ 5895' (Calc, 75%)

Niobrara @ 6272'

Fish from 6054' to 6583'  
(bit, sub, tubing and overshot mill shoe)

Niobrara Perforations:  
6275' - 6519'

Greenhorn Perforations:  
6994' - 7666'

CIBP @ 7285' (1993)

Dakota Perforations:  
7303' - 7442'

CIBP @ 7486' (1976)

Dakota Perforations:  
7510' - 39'

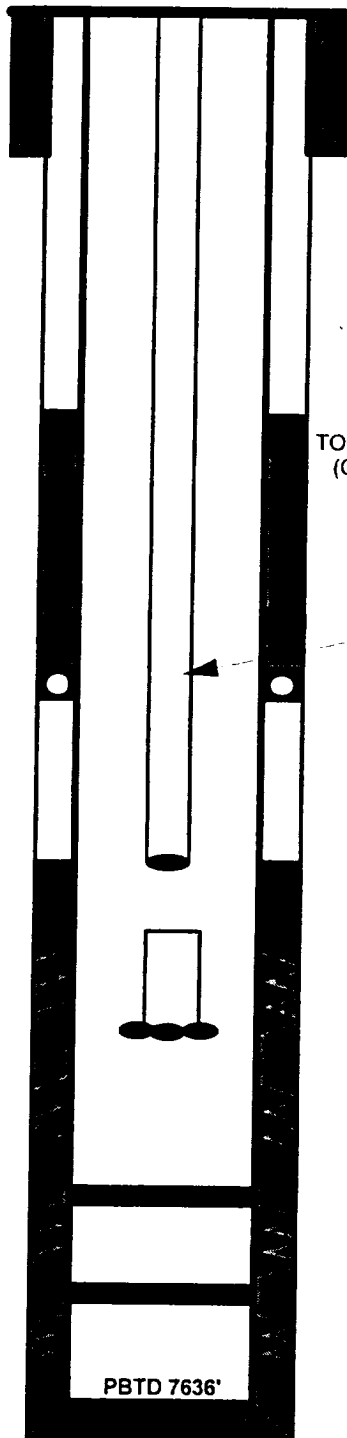
Dakota @ 7417'

4-1/2" 11.6#, N80 Csg set @ 7676'  
Cement with 400 sxs (541 cf)

7-7/8" hole

TD 7705'

PBTD 7636'



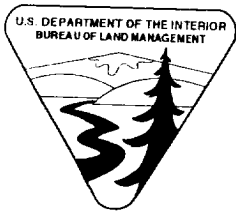


CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Energen Resources

Well Name Chacon Jic. D 8

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.  
  
For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made : none



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Albuquerque Field Office

435 Montano Rd. N.E.

Albuquerque, New Mexico 87107- 4935

www.nm.blm.gov



IN REPLY REFER TO:

Jicarilla Contract 412

Chacon Jicarilla D #8

3162.3-4 (010)

SEP 28 1999

Energen Resources Corporation  
Attention: Mr. Don Graham  
2198 Bloomfield Highway  
Farmington, NM 87401

Dear Mr. Graham:

The following conditions of approval must be complied with (as applicable) before the Chacon Jicarilla D #8 located 330' FNL & 2310' FWL, Section 9, T. 23 N., R. 3 W., can be approved for final abandonment. Please notify the Bureau of Indian Affairs (BIA) Real Property Office of Harold TeCube at (505) 759-3983 prior to beginning surface restoration.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
2. Any oily soil or fluids must be properly disposed of in an approved disposal area.
3. Pits must be filled in and the edges of the pads shaped to conform to the natural terrain.
4. Pads must be leveled, dressed up by a maintainer, ripped and disked.
5. Access roads must be leveled, waterbarred, disked and blocked off with earthen berms at the junction with the main road and at the entrance to the well pad. Waterbars should be spaced as shown below:

% Slope	Spacing Interval
Less than 2%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

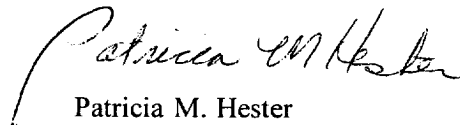
All waterbars should divert water to the downhill side of the road.

6. All disturbed areas will be seeded with the prescribed seed mix (reseeding may be required). Reseeding should be done using pounds pure-live seed per acre. To avoid the introduction of noxious weeds, only certified seed should be used. The following seed mix is suggested unless otherwise recommended by the BIA, Jicarilla Agency, Real Property Office.

Western Wheat Grass	8
Intermediate Wheat Grass	9
Galleta Grass	2
Alkali Sacaton	1
Blue Grama	1

After one growing season, notify us by Sundry Notice of Final Abandonment. We will schedule an inspection to check the well site and surface restoration. Final approval for surface restoration will be given in concurrence with the BIA, Jicarilla Agency, Real Property.

Sincerely,



Patricia M. Hester  
Surface Protection/Geologist

cc:

Mr. Harold TeCube  
Real Property BIA  
Jicarilla Agency  
PO Box 167  
Dulce, NM 87528