


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	<p align="center">RECEIVED MAR 11 1998 OIL CON. DIV. DIST. 3</p>	5. Lease Number SF-077874	6. If Indian, All. or Tribe
1b. Type of Well GAS		Unit Reporting Number	7. Unit Agreement Name
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company		8. Farm or Lease Name 7082 Hanks ✓	9. Well Number 5R ✓
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		10. Field, Pool, Wildcat 77200 Fulcher Kutz Pic.Cliffs.	11. Sec., Twn, Rge, Mer. (NMPM) Sec 7, T-27-N, R-9-W API # 30-045-29551
4. Location of Well 295' FSL, 560' FWL Latitude 36° 35.0, Longitude 107° 52.4		12. County SJ	13. State NM
14. Distance in Miles from Nearest Town 10 miles to Bloomfield		15. Distance from Proposed Location to Nearest Property or Lease Line 295'	16. Acres in Lease
17. Acres Assigned to Well SW/4-160 161.58		18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2000'	19. Proposed Depth 2300'
20. Rotary or Cable Tools Rotary		21. Elevations (DF, FT, GR, Etc.) 6180' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by:  Regulatory/Compliance Administrator		2/6/98	Date

PERMIT NO. _____

APPROVAL DATE MAR 09 1998

APPROVED BY /s/ Donna W. Spencer

TITLE _____

DATE MAR - 9 1998

Archaeological Report submitted
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Handwritten note: HOLD COPY FOR USIA

NMOCDD

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

RECEIVED
MAY 12 1998
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-2957		*Pool Code 77200	*Pool Name Fulcher Kutz Pictured Cliffs
*Property Code 7082	*Property Name HANKS		*Well Number 5R
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6180'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	7	27N	9W		295	South	560	West	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 160/161.53	*Joint or Infill	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>15</p> <p>1341.12' 1308.78' 2617.56'</p> <p>2584.56'</p> <p>7</p> <p>SF-077874</p> <p>560' 295'</p> <p>1327.92' 1304.16' 2608.32'</p>			<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradford</i> Signature Peggy Bradford Printed Name Regulatory Administrator Title 2/6/98 Date</p>	
<p>RECEIVED MAR 11 1998 OIL CON. DIV. DIST. 3</p>			<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>JANUARY 9, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 6857 Certificate Number</p>	

OPERATIONS PLAN

Well Name: Hanks #5R
Location: 295' FSL, 560' FWL Section 7, T-27-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 35.0', Longitude 107° 52.4'
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 6180' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1154'	
Ojo Alamo	1154'	1294'	aquifer
Kirtland	1294'	1841'	
Fruitland	1841'	2094'	
Upper Coal	1979'	2069'	gas
Basal Coal	2069'	2094'	gas
Pictured Cliffs	2094'		gas
Total Depth	2300'		

Logging Program: Hi Res Ind, Den/Neut, MRL/GR to Total Depth.

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-9.0	40-50	no control
120-2300'	LSND	8.4-9.0	40-60	no control

Casing Program (as listed, equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2300'	3 1/2"	7.7#	WC-70

Tubing Program: - none

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

3 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 1294'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1294'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

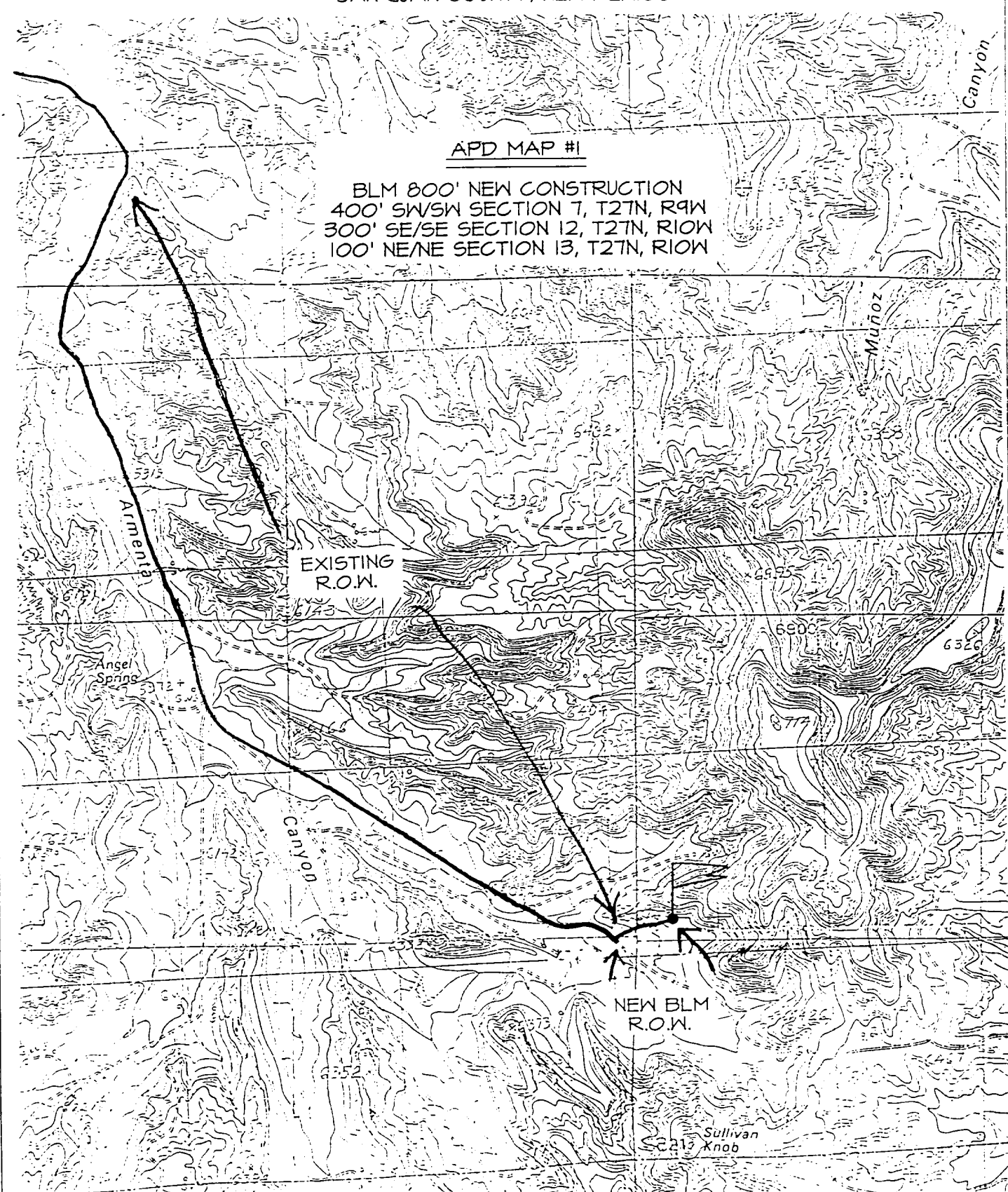
Wellhead Equipment: 8 5/8" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY HANKS #5R

295' FSL & 560' FWL, SECTION 7, T27N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

BLM 800' NEW CONSTRUCTION
400' SW/SW SECTION 7, T27N, R9W
300' SE/SE SECTION 12, T27N, R10W
100' NE/NE SECTION 13, T27N, R10W



EXISTING
R.O.W.

NEW BLM
R.O.W.

Sullivan
Knob