

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 JUN 13 PM 3:57  
RECEIVED  
BLM  
210 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-065557-A Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name Allen Com 9. Well Number #100	
4. Location of Well Unit B(NWNE), 735' FNL & 2050' FEL  Latitude 36° 45.5867 N Longitude 108° 02.8344 W	10. Field, Pool, Wildcat Basin Fruitland Coal  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T29N, R12W  API # 30-045-34348	
14. Distance in Miles from Nearest Town 7 mile/Flora Vista	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 735'	17. Acres Assigned to Well FC - 316.18 (N/2)	
16. Acres in Lease	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1025' from Down Set 1-29-12 Hike #1 (Chaparral Energy)	22. Approx. Date Work will Start	
19. Proposed Depth 2257'	21. Elevations (DF, FT, GR, Etc.) 5874' GL	
23. Proposed Casing and Cementing Program See Operations Plan attached	RCVD JUN20'07 OIL CONS. DIV. DIST. 3	
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	6-12-07 Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Jim Lohr TITLE Acting AFM DATE 6/19/07

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 2

NMOCD 6-28-07

B BH

District I  
1625 N French Dr., Hobbs, NM 88240

District II  
1301 W Grand Avenue, Artesia, NM 88210

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

District IV  
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Instructions on back  
Submit to Appropriate District Office  
State Lease 4 Copies  
Fee Lease 3 Copies

RECEIVED  
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 34340		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 6783	*Property Name ALLEN COM		*Well Number 100
*GRID No 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 5874'

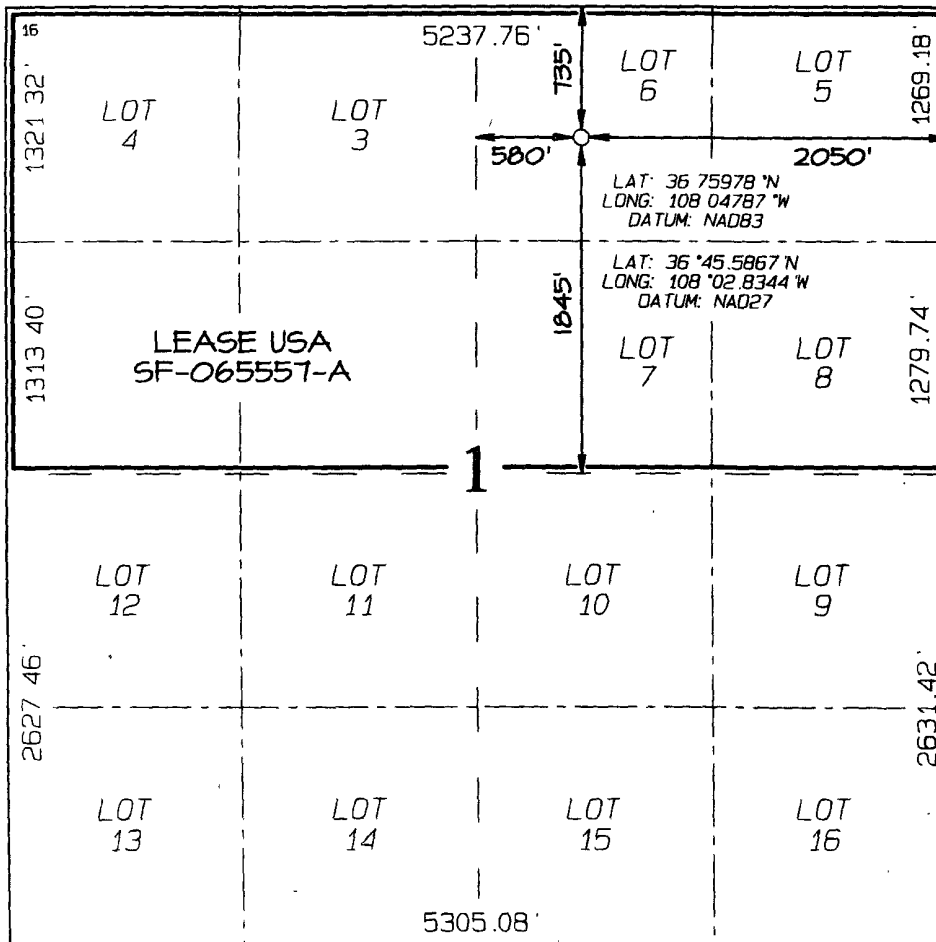
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	1	29N	12W		735	NORTH	2050	EAST	SAN JUAN

<sup>11</sup> 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
B									
<sup>12</sup> Dedicated Acres 316.18 Acres - (N/2)					<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.

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



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

*Kandis Roland* 10/2/07  
Signature Date  
Kandis Roland

Printed Name

<sup>18</sup> SURVEYOR CERTIFICATION

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

Date of Survey: APRIL 13, 2007

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*  
Certificate Number 15269

May 27, 2004

District I

1625 N French Dr., Hobbs, NM 88240

District II

1301 W Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy, Minerals and Natural Resources

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- 34348

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

Federal Lease SF-065557-A

7. Lease Name or Unit Agreement Name

Allen Com

8. Well Number

#100

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter B : 735' feet from the North line and 2050' feet from the East line  
Section 1 Township 29N Rng 12W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5874'

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type New Drill

Depth to Groundwater

&gt;100

Distance from nearest fresh water well

&gt;1000

Distance from nearest surface water

Pit Liner Thickness:

N/A

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Unlined:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit, vent/flare pit and pre-set mud pit will be unlined pits as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids, and that portion will be unlined, as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Regulatory Technician

DATE

6-12-07

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,  
District #3

DATE

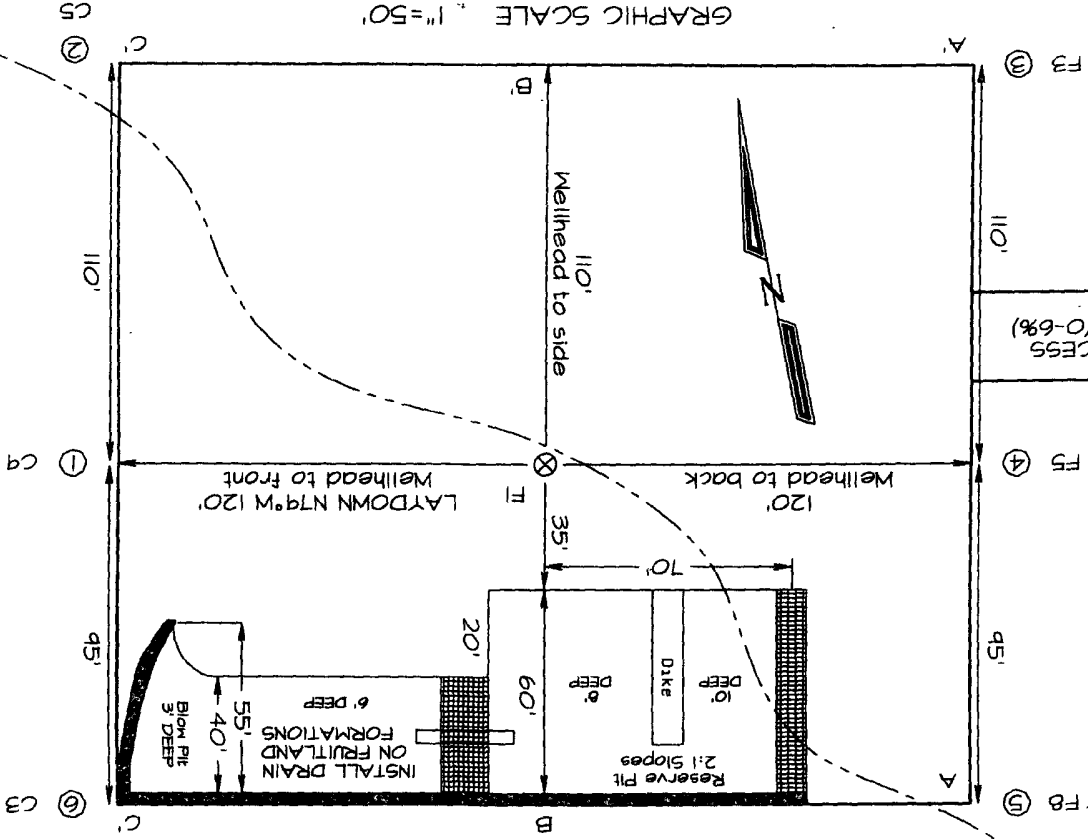
JUN 28 2007

Conditions of Approval (if any):

**BURLINGTON RESOURCES OIL & GAS COMPANY ALLENCOM#100**  
**735' FNL & 2050' FEL, SECTION 1, T29N, R12W, NMPM**  
**SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5874'**

EDGE OF TOTAL DISTURBANCE (MARKED WITH STEEL T-POSTS)

**AREA OF TOTAL DISTURBANCE**  
**305' X 340' = 2.38 ACRES**



GRAPHIC SCALE 1"=50'  
 0 50 100

~ SURFACE OWNER ~  
 Bureau of Land Management

**LATITUDE: 36°45.5867'N**  
**LONGITUDE: 108°02.8544'W**  
 DATUM: NAD1927

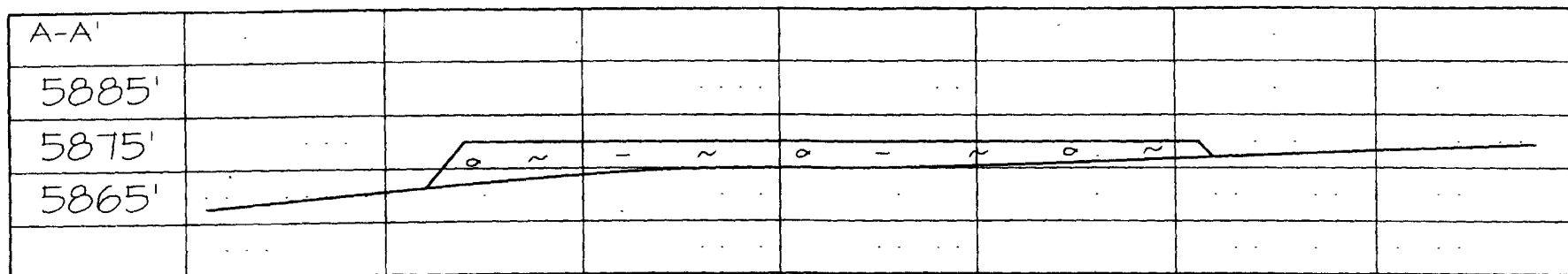
NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.  
 CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND  
 UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

**BURLINGTON RESOURCES OIL & GAS COMPANY ALLEN COM #100**  
**735' FNL & 2050' FEL, SECTION 1, T29N, R12W, NMPM**  
**SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5874'**

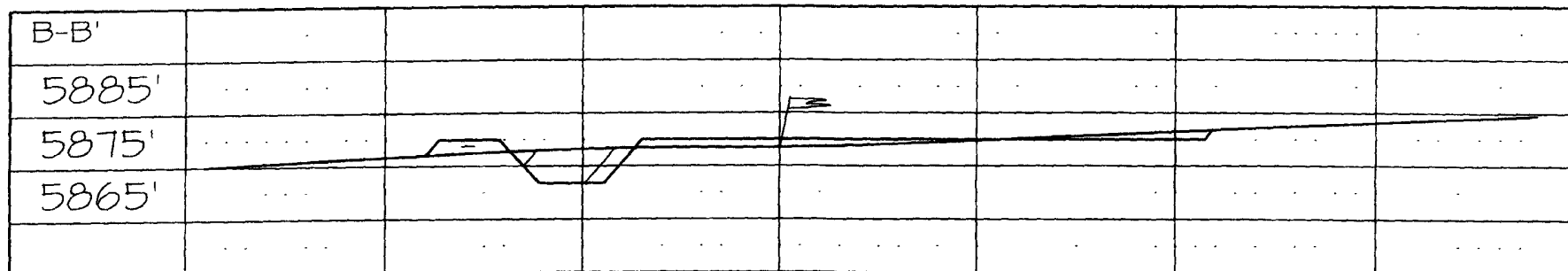
HORIZONTAL SCALE 1"=40'

C/L

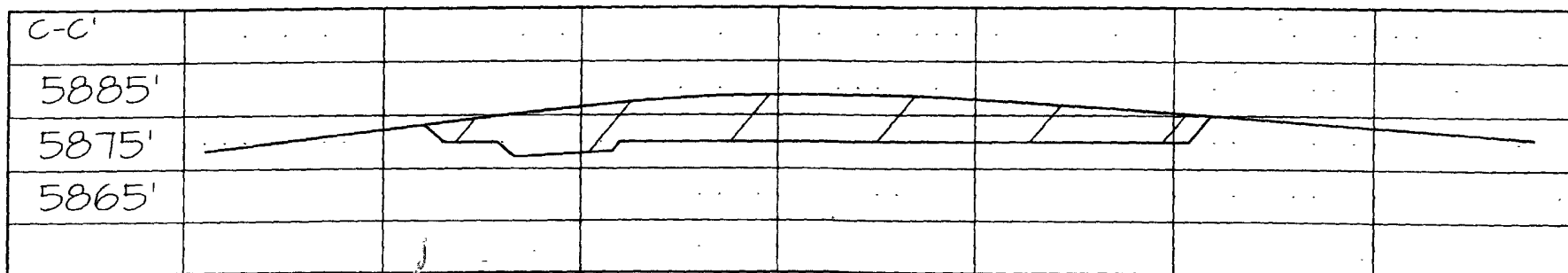
VERTICAL SCALE 1"=30'



C/L



C/L



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ALLEN COM 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7108		AFE \$: 202,802.05	
Field Name: hBR SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Clark, Dave D		Phone: 505-326-9762		Prod. Engineer:	
Res. Engineer: Schlabaugh, Jim L		Phone: 505-326-9788		Proj. Field Lead:	
				Phone:	

## Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.759778	Longitude: -108.047240	X:	Y:	Section: 01	Range: 012W
Footage X: 2050 FEL	Footage Y: 735 FNL	Elevation: 5874	(FT)	Township: 029N	
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
Formation Data: Assume KB = 5886 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5766	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	681	5205	<input type="checkbox"/>			
KIRTLAND	846	5040	<input type="checkbox"/>			
FRUITLAND	1693	4193	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2057	3829	<input type="checkbox"/>	190		Gas
Total Depth	2257	3629	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 347 cuft. Circulate cement to surface.

## Reference Wells:

Reference Type	Well Name	Comments
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## Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other  
GR/CBL

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - FCNM029N012W01NE1 Prefer J, P - do not twin - stay 800' away from Cornell 5R & White Cornell #5.

Zones - FCNM029N012W01NE1

General/Work Description - BDS STRATEGIC WELL - DEFERRED FOR UNKNOWN TITLE AND OUT OF DATE TITLE OPINION  
6/7/07 name changed from Allen 100 per KW (wfp)