

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 03 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF- 079522 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement M DK - NMNM78411B (ALL) MV - NMNM78411A (N-2) San Juan 28-5 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD MAR 16 '10 9. Well Number #74N OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit G (NENE), 1445' FNL & 785' FEL Unit H (SENE), 1400' FNL & 790' FEL Surf: Latitude 36.623137 N. Longitude 107.303055 W. Latitude 36.619692 N. Longitude 107.303083 W.	10. Field, Pool, Wildcat Basin Dakota/Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) G # Sec. 36, T28N, R5W S4E H Sec. 36, T28N, R5W B4E. API # 30-039-30571	
14. Distance in Miles from Nearest Town 36.3 Miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'		
16. Acres in Lease 1590.590	17. Acres Assigned to Well MV 344.74 (N/2) DK 330.74 (SW/4) + Lots 2 & 5 (R2448#10)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1123' from San Jaun 28-5 Unit 47 -36		
19. Proposed Depth 8133'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6759' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	Date <u>10/2/08</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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 3

Bond Numbers NMB-000015 and NMB-000089

Hold C104
for Directional Survey
and "As Drilled" plat

MAR 17 2010

NMOCD

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 14 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit G (SWNE) 1445' FNL & 1960' FEL, Sec. 36, T28N, R5W – Surface
Unit H (SENE) 1400' FNL & 790' FEL, Sec. 36, T28N, R5W – Bottomhole

Lease Number
SF-079522

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
NMNM-78411A-MV
NMNM-78411B-DK
San Juan 28-5 Unit

8. Well Name & Number

74N
9. API Well No.

30-039- 30571

10. Field and Pool

Basin DK/Blanco MV
11. County and State
Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other – Moved Location

RCVD MAR 16 '10

OIL CONS. DIV.

DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources wishes to move the subject well from the footages submitted with the APD on 10/2/08. The original footages were Unit A (NENE) 675' FNL & 785' FEL, Sec. 36, T28N, R5W (Surface) and Unit H (SENE) 1930' FNL & 790' FEL, Sec. 36, T28N, R5W (Bottomhole). The location was moved at the request of BLM to avoid the surface being located in a floodplain. The new footages are Unit G (SWNE) 1445' FNL & 1960' FEL with the Bottomhole Unit H (SENE) 1400' FNL & 790' FEL, Sec. 36, T28N, R5W. The new plat, cut & fill, and pad diagram is attached.

Attached: Pipeline plat, EA, BSR, SUP, Project Proposal, SOA, and Directional Drill Plan

14. I hereby certify that the foregoing is true and correct.

Signed Tracey N. Monroe Tracey N. Monroe Title Staff Regulatory Technician Date 07/13/2009

(This space for Federal or State Office use)

APPROVED BY AFM

Title AFM

Date 3/11/2008

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

PC

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 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

RECEIVED

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

Bureau of Land Management
Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30571	*Pool Code 71599/72319	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 7460	*Property Name SAN JUAN 28-5 UNIT	*Well Number 74N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6753'

10 Surface Location

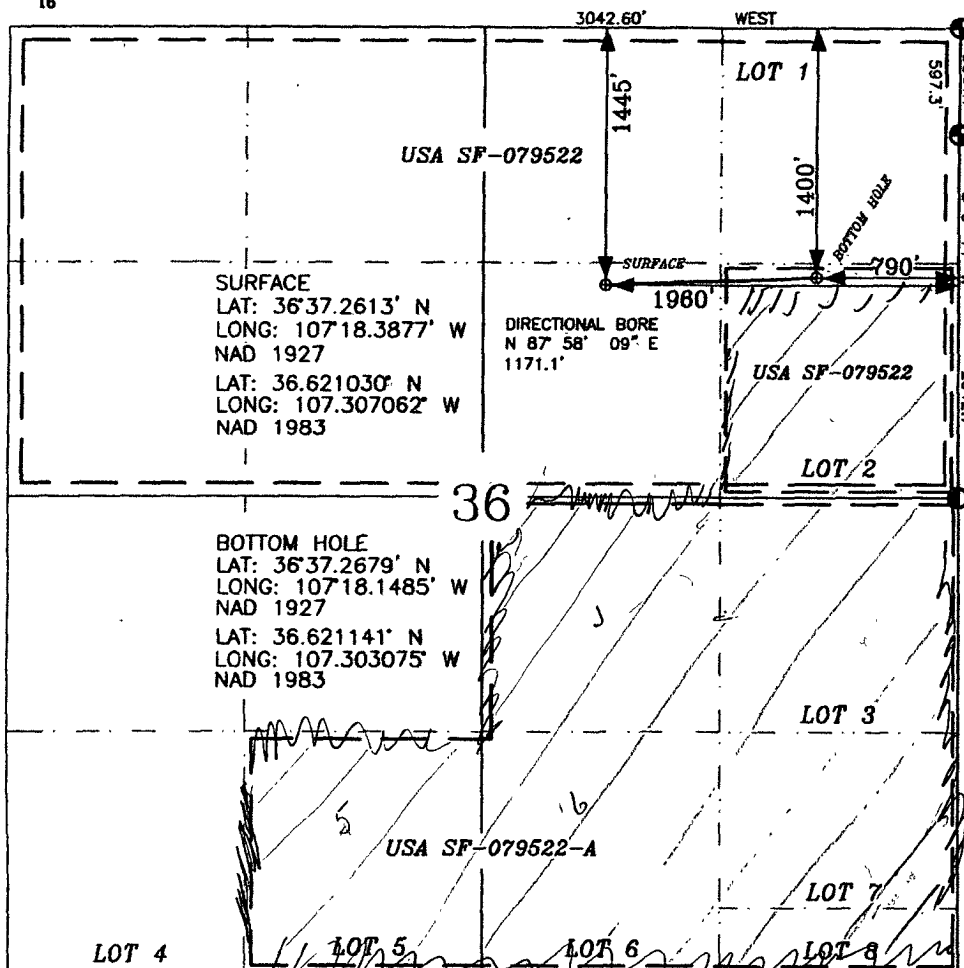
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	28-N	5-W		1445'	NORTH	1960'	EAST	RIO ARRIBA

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
H	36	28-N	5-W		1400'	NORTH	790'	EAST	RIO ARRIBA
*Dedicated Acres DK 330.740 ACRES NW/SE, LOT 2, 3, 5, 6, 7, 8 MV 344.74 ACRES N/2					*Joint or Infill		*Consolidation Code		*Order No. DK-34474 Unit R - DK 330.74 R-2948

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

16



17 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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 3/10/09
Signature
Crystal Tafoya 3-10-09
Printed Name

18 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.

3-4-09
Date of Survey
Signature and Seal of Professional Surveyor:
GEN W. RUSSELL
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-5 #74N
Company:	ConocoPhillips SJB	TVD Reference:	WELLHEAD @ 6768.0ft
Project:	San Juan Basin - New Mexico Wells	MD Reference:	WELLHEAD @ 6768.0ft
Site:	San Juan 28 Wells	North Reference:	True
Well:	SJ 28-5 #74N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,556.9	3,336.0	Fruitland		0.00		
5,582.3	5,355.0	Mass Cliffhouse		0.00		
7,249.3	7,022.0	Upper Gallup		0.00		
4,510.3	4,283.0	Huerfano Bentonite		0.00		
8,015.3	7,788.0	Greenhorn		0.00		
4,077.3	3,850.0	Lewis		0.00		
8,076.3	7,849.0	Graneros		0.00		
3,910.1	3,683.0	Pictured Cliffs		0.00		
	8,127.0	Encinal		0.00		
3,444.9	3,229.0	Kirtland		0.00		
5,720.3	5,493.0	Menefee		0.00		
3,221.1	3,022.0	Ojo		0.00		
5,454.3	5,227.0	Upper Cliffhouse		0.00		
8,128.3	7,901.0	Two Wells		0.00		
8,222.3	7,995.0	Cubero		0.00		
4,856.3	4,629.0	Chacra		0.00		
6,033.3	5,806.0	Point Lookout		0.00		
6,595.3	6,368.0	Mancos		0.00		
8,271.3	8,044.0	Lower Cubero		0.00		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 74N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8334				AFE \$: 1,766,167.81	
Field Name: SAN JUAN 28-5 UNIT		Rig: XXX Deferred Econ Review		State: NM	County: RIO ARRIBA	API #:	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Head, Chip F (Charles)		Phone: +1-505-326-9772		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.621021	Longitude: -107.306462	X:	Y:	Section: 36	Range: 005W		
Footage X: 1960 FEL	Footage Y: 1445 FNL	Elevation: 6753	(FT)	Township: 028N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.621132	Longitude: -107.302475	X: 655227.71	Y: 2044558.48	Section: 36	Range: 005W		
Footage X: 790 FEL	Footage Y: 1400 FNL	Elevation:	(FT)	Township: 028N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2020		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6768 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6568	<input type="checkbox"/>			12-1/4 hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
OJO ALAMO	3026	3742	<input type="checkbox"/>				
KIRTLAND	3201	3567	<input type="checkbox"/>				
FRUITLAND	3305	3463	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3655	3113	<input type="checkbox"/>			Possible Gas	
LEWIS	3748	3020	<input type="checkbox"/>				
Intermediate Casing	3848	2920	<input type="checkbox"/>			8-3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 918 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	4181	2587	<input type="checkbox"/>				
CHACRA	4620	2148	<input type="checkbox"/>			Est. Top Perf - 4621 (2146)	
UCLFH	5228	1540	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	5356	1412	<input type="checkbox"/>	916		Gas	
MENEFEE	5456	1312	<input type="checkbox"/>			Gas	
MASSIVE POINT LOOKOUT	5778	990	<input type="checkbox"/>			Gas	
MANCOS	6374	394	<input type="checkbox"/>				
UPPER GALLUP	7012	-244	<input type="checkbox"/>				
GREENHORN	7781	-1013	<input type="checkbox"/>				
GRANEROS	7838	-1070	<input type="checkbox"/>				
TWO WELLS	7892	-1124	<input type="checkbox"/>	2263		Gas	
UPPER CUBERO	7985	-1217	<input type="checkbox"/>			Gas; Est. Btm Perf - 8095 (-1328) based on offset wells	
LOWER CUBERO	8034	-1266	<input type="checkbox"/>			Gas #45M located in NW36-28N-05W quit dusting in Lower Cubero.	
ENCINAL	8116	-1348	<input type="checkbox"/>				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-5 UNIT 74N

DEVELOPMENT

TOTAL DEPTH DK	8116	-1348	<input type="checkbox"/>	6-1/4" Hole. 4-1/2", 11.6 ppf, J-55/L-80 LTC casing. Cement with 581 cuft. Circulate cement a minimum of 100' inside the previous casing string.
----------------	------	-------	--------------------------	--

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	28-5 #47	NE 36-28N-5W
Production	SJ 28-5 Unit 45	NE36-28N-05W

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
----------	---

GR/CBL

Mudlog from 100' above the Greenhorn to TD - mudlogger will call TD.

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

COMPANY
Charge Code

BURLINGTON RESOURCES

WAN.ZA2.4509/4510

WELL NAME

SAN JUAN 28 - 5 # 74 N

DATE

3/4/2008

DUAL WELL

WELL NAME

SAN JUAN 28 - 5 # 29 M

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

A 36

28 N

5 W

36 37.2877 N

107 18.1473 W

COUNTY

RIO ARRIBA

RECTIFIER

SOLAR

GROUND BED

240 V METER POLE

480 V METER POLE

D C CABLES

A C CABLES

PRIMARY POWER

DISTANCE TO POWER

UNDERGROUND

PUMPJACK

WATER PUMP

SIZE

NEEDED

EXISTING

1 PHASE

3 PHASE

40/16

X

X

8

200'

8

1200'

Jemez

.6 mile

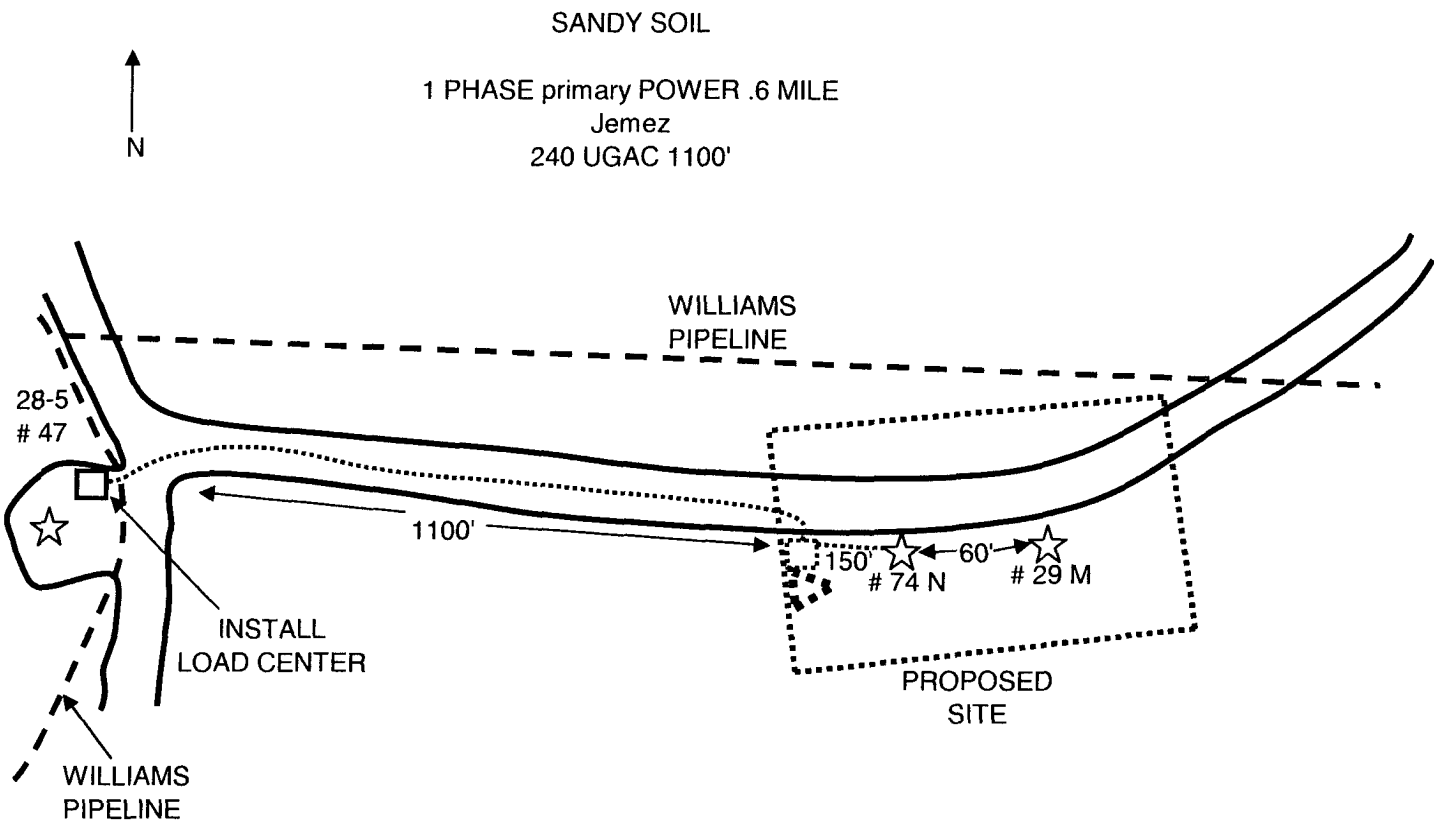
1100 ft

COMMENTS

install load center at # 47 - plow ugac to loc 1100 ft - install dual rectifier system

sandy soil -

WELL NAME
SAN JUAN 28 - 5 # 74 N



TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND/BED	EXISTING CABLE
RECT	PIT	WELL	proposed solar/gb	PROPOSED CABLE	POWER LINE	
			FOREIGN PL		CONOCO PL	

Directions from the Post Office
in Blanco, NM
to
Burlington Resources Oil & Gas Company LP
SAN JUAN 28-5 UNIT 74N
1445' FNL & 1960' FEL,
Section 36, T28N, R5W, N.M.P.M., Rio Arriba County,
New Mexico
Lat: 36° 37' 15.7" N
Long: 107° 18' 25.4" W
Nad 1983

From the Post Office in Blanco, NM
take Highway 64 East for 27.6 miles to mile post 101.1,
turn right (southerly) for 1.1 miles,
turn left (southeasterly) for 1.9 miles,
turn right (southerly) for 5.1 miles on Arnorld Ranch Road,
stay right (southeasterly) @ y-intersection for 0.5 miles,
continue (southerly) 0.1 miles to the newly staked location,
twinning on existing well pad, SAN JUAN 28-5 UNIT 45.