

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 JUN 12 PM 3:35

1a. Type of Work DRILL	5. Lease Number USA SF-047017-B Unit Reporting Number 212 FARMINGTON NM	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON 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 Angel Peak B 9. Well Number #26F	
4. Location of Well Unit B(NWNE), 1015' FNL & 1950' FEL Latitude 36° 38.2666 N Longitude 107° 57.1331 W	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) B Sec. 25, T28N, R11W API # 30-045-34347	
14. Distance in Miles from Nearest Town 7.5/Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1015'		
16. Acres in Lease	17. Acres Assigned to Well DK - 320 (E/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 769' From Angel Peak B #26		
19. Proposed Depth 6450'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5851' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	RCVD JUL2'07 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 [Signature] TITLE Acting AFM Memorals DATE 6/29/07

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 4

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

NMOCD

7-17-07
BH

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South 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
BLI
210 EAST WASHINGTON NM

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 34347	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 6788	⁵ Property Name ANGEL PEAK B	⁶ Well Number 26F
⁷ OCRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5851

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
B	25	28-N	11-W		1015	NORTH	1950	EAST	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
B									
¹² Dedicated Acres DK 320.00 ac E/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

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 unless 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. Signature: <u>Rhonda Rogers</u> Date: <u>28-07</u> Printed Name: <u>Rhonda Rogers</u>	
	25				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. DECEMBER 27, 2006 Date of Survey Signature and Seal of Surveyor: <u>ROY A. RUSH</u> Professional Land Surveyor Certificate Number: <u>8894</u>	
	LAT: 36.63778° N. (NAD 83) LONG: 107.95284° W. (NAD 83) LAT: 36°38.2686' N. (NAD 27) LONG: 107°57.1331' W. (NAD 27)					

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- 34347

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease # USA SF-047017-B

7. Lease Name or Unit Agreement Name

Angel Peak B

8. Well Number

#26F

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Dakota

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 & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter B : 1015' feet from the North line and 1950' feet from the East lineSection 25 Township 28N Rng 11W NMPM County Rio Arriba

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

5851'

Pit or Below-grade Tank Application

☐ or Closure ☐Pit type New Drill Depth to Groundwater >100 Distance from nearest fresh water well>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:

12

New Drill

☒

SUBSEQUENT REPORT OF:

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

OTHER:

Synthetic

☐

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: — <300' from array O

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 Rhonda Rogers 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 [Signature] TITLE Deputy Oil & Gas Inspector, DATE JUL 17 2007

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP

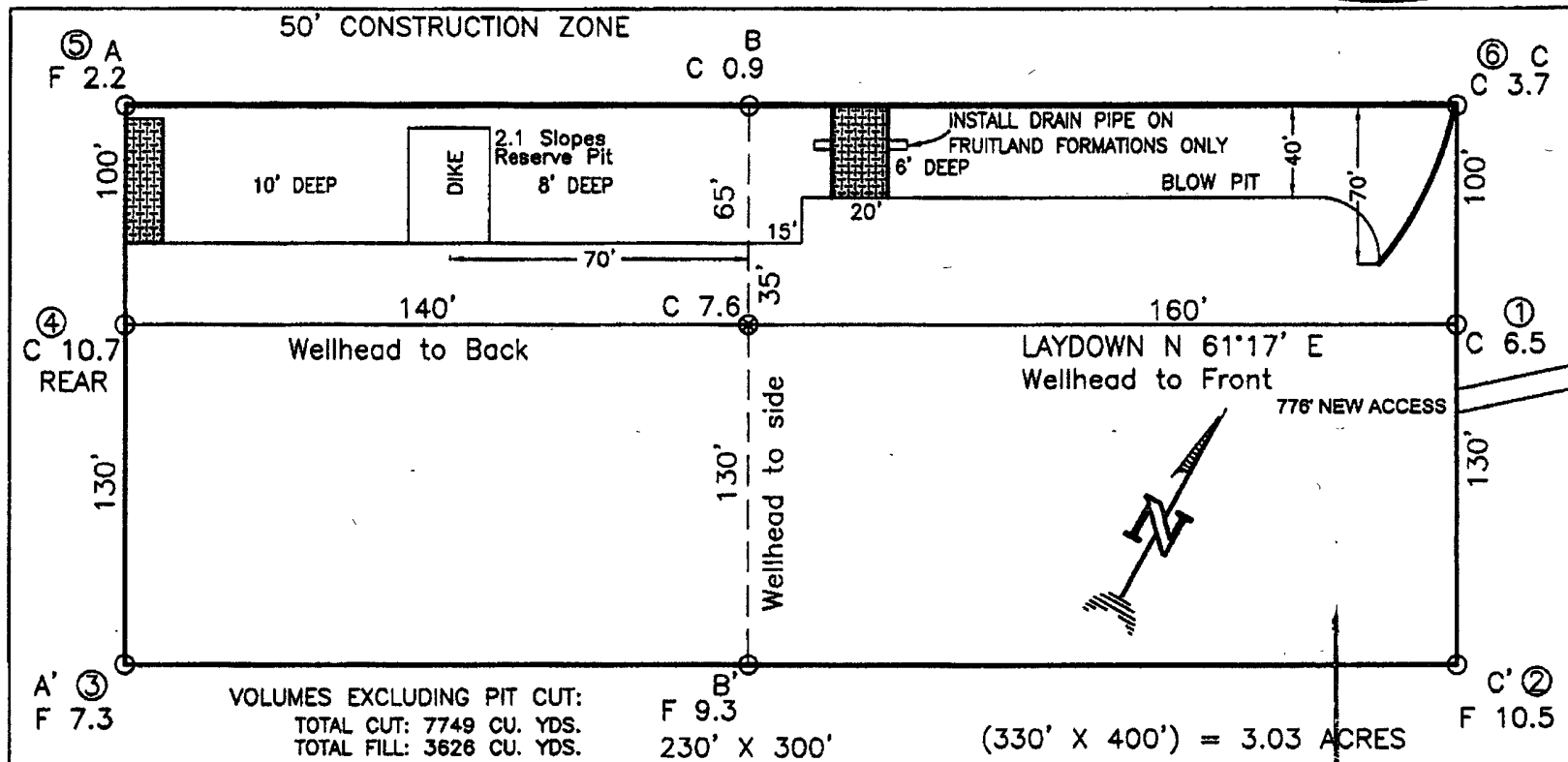
ANGEL PEAK B No. 26F, 1015 FNL 1950 FEL

SECTION 25, T-28-N, R-11-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5851, DATE: DECEMBER 27, 2006

NAD 83
LAT. = 36.63778° N
LONG. = 107.95284° W

NAD 27
LAT. = 36°38.2666' N
LONG. = 107°57.1331' W




RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

NOTE: ESTIMATED VOLUMES CALCULATED BY AVERAGE END AREA AT CROSS-SECTION SHOWN

NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

DATE	12/27/06	12/27/06
BY	J. A. G.	J. A. G.
 Daggett Enterprises, Inc. Surveying and Oil Field Services P. O. Box 15088 • Farmington, NM 87401 Phone (505) 326-1772 • Fax (505) 326-8019 NEW MEXICO L.S. 8594		
DATE BY	J. A. G.	DATE BY
DATE	08/08/08	DATE

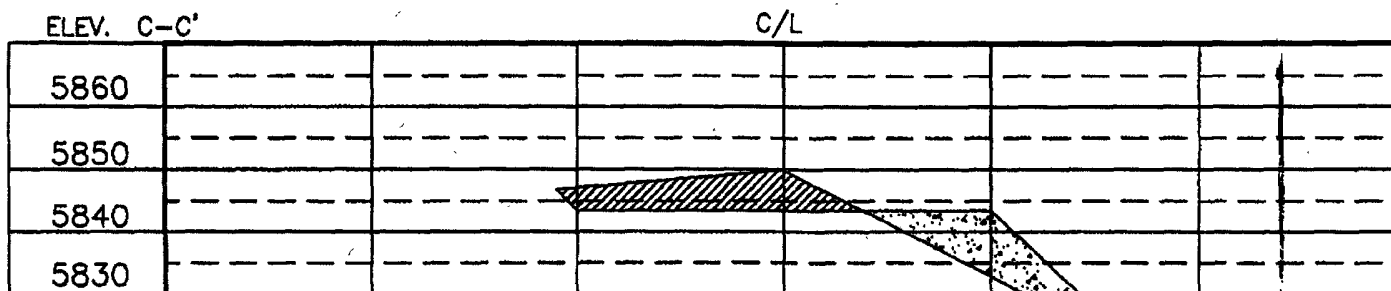
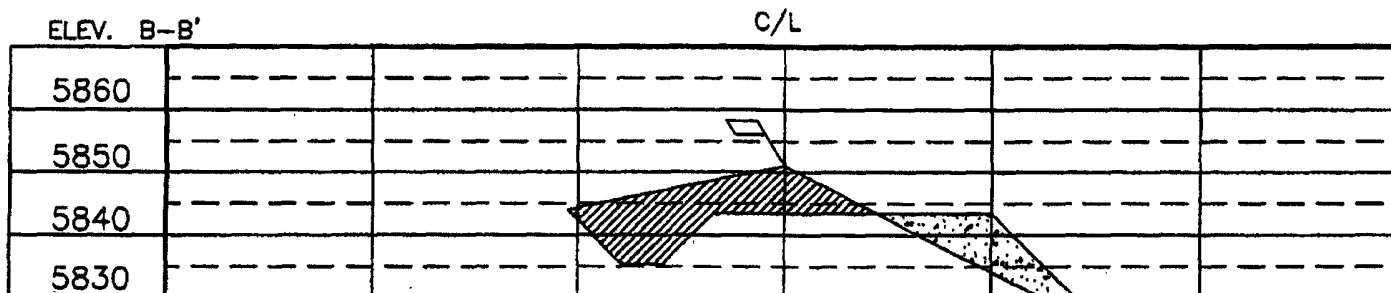
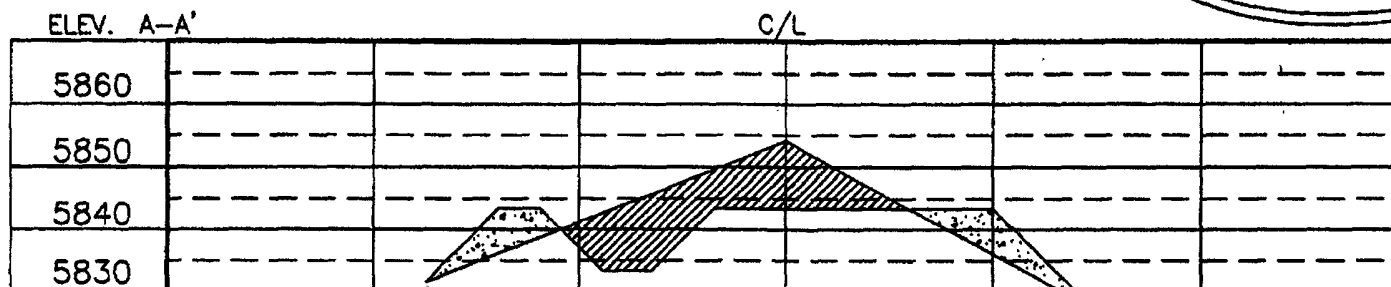
BURLINGTON RESOURCES OIL & GAS COMPANY LP

ANGEL PEAK B No. 26F, 1015 FNL 1950 FEL

SECTION 25, T-28-N, R-11-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO


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NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

REVISION	DATE	REVIEW BY
2nd WELL RECORD	01/08/07	AG
 Daggett Enterprises, Inc. Surveying and Oil Field Services P. O. Box 15088 • Farmington, NM 87401 Phone (505) 326-1772 • Fax (505) 326-8019 NEW MEXICO L.S. 8894		
DRAWN BY: AG	CHECKED: BR330C78	
NOV: BR330C78	DATE: 04/08/08	

PROJECT PROPOSAL - New Drill / Sidetrack

ANGEL PEAK B 26F

DEVELOPMENT 2007

Lease:		AFE #: WAN.ZA2.5839		AFE \$ 945,313.16	
Field Name: hBR SAN JUAN		Rig: Aztec Rig 301		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:	

Primary Objective (Zones):	
Zone	Zone Name
R20076	DAKOTA(R20076)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.637773	Longitude: -107.952219	X:	Y:	Section: 25	Range: 011W
Footage X: 1950 FEL	Footage Y: 1015 FNL	Elevation: 5851 (FT)	Township: 028N		
Tolerance:					

Location Type: Restricted	Start Date (Est.):	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5865	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	5545	<input type="checkbox"/>			12-1/4 hole. 8 5/8" 24 ppf, J-55, STC casing. Cement with 319 cuft. Circulate cement to surface.
OJO ALAMO	773	5092	<input type="checkbox"/>			
KIRTLAND	846	5019	<input type="checkbox"/>			
FRUITLAND	1638	4227	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	1818	4047	<input type="checkbox"/>			
LEWIS	1910	3955	<input type="checkbox"/>			
HUERFANITO BENTONITE	2310	3555	<input type="checkbox"/>			
CHACRA	2735	3130	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	3353	2512	<input type="checkbox"/>			Gas
MENEFEE	3423	2442	<input type="checkbox"/>			
MASSIVE POINT LOOKOUT	4155	1710	<input type="checkbox"/>			
MANCOS	4528	1337	<input type="checkbox"/>			
UPPER GALLUP	5363	502	<input type="checkbox"/>			
GREENHORN	6157	-292	<input type="checkbox"/>			
GRANEROS	6213	-348	<input type="checkbox"/>			
TWO WELLS	6250	-385	<input type="checkbox"/>			Gas
PAGUATE	6327	-462	<input type="checkbox"/>			
CUBERO	6402	-537	<input type="checkbox"/>			Estimated bottom perf 6435' (15' above TD)
ENCINAL	6450	-585	<input type="checkbox"/>			
TOTAL DEPTH DK	6450	-585	<input type="checkbox"/>	800		7-7/8" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 1923 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Angel Peak B 27	SW25-28N-11W
Production	Angel Peak B 27E	NW25-28N-11W
Production	Angel Peak B 26	NE25-28N-11W

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ANGEL PEAK B 26F

DEVELOPMENT

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 - DK 28N11W25NE2

General/Work Description - DRILLING: Schedule 85Q Foam Frac and LPT. (R Wall/RAM Team)