

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAAP 27 2000

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NM-4456 Unit Reporting Number	Bureau of Land Management Farmington Field Office
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 Cat Draw 9. Well Number 1F	
4. Location of Well Surf: Unit K(NESW), 2080' FSL & 1340' FWL Surf: Latitude: 36.840163° N (NAD83) Longitude: 107.367048° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) / Sec. 4, T30N, R5W API # 30-039- 30725	
14. Distance in Miles from Nearest Town 49 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1340'		
16. Acres in Lease 558.760	17. Acres Assigned to Well MV/DK 319.63 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1089' from Cat Draw 100 (FC)		
19. Proposed Depth 8001'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6429' GL	22. Approx. Date Work will Start BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS 3/27/2009	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date	

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 APR 15 2009

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

NMOC

Drilling operations authorized are subject to compliance with attached "General Requirements".

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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
MAR 27 2009

Bureau of Land Management
Farmington Field Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30725	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 18493	⁵ Property Name CAT DRAW	⁶ Well Number 1F
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS CO LP	⁹ Elevation 6429'

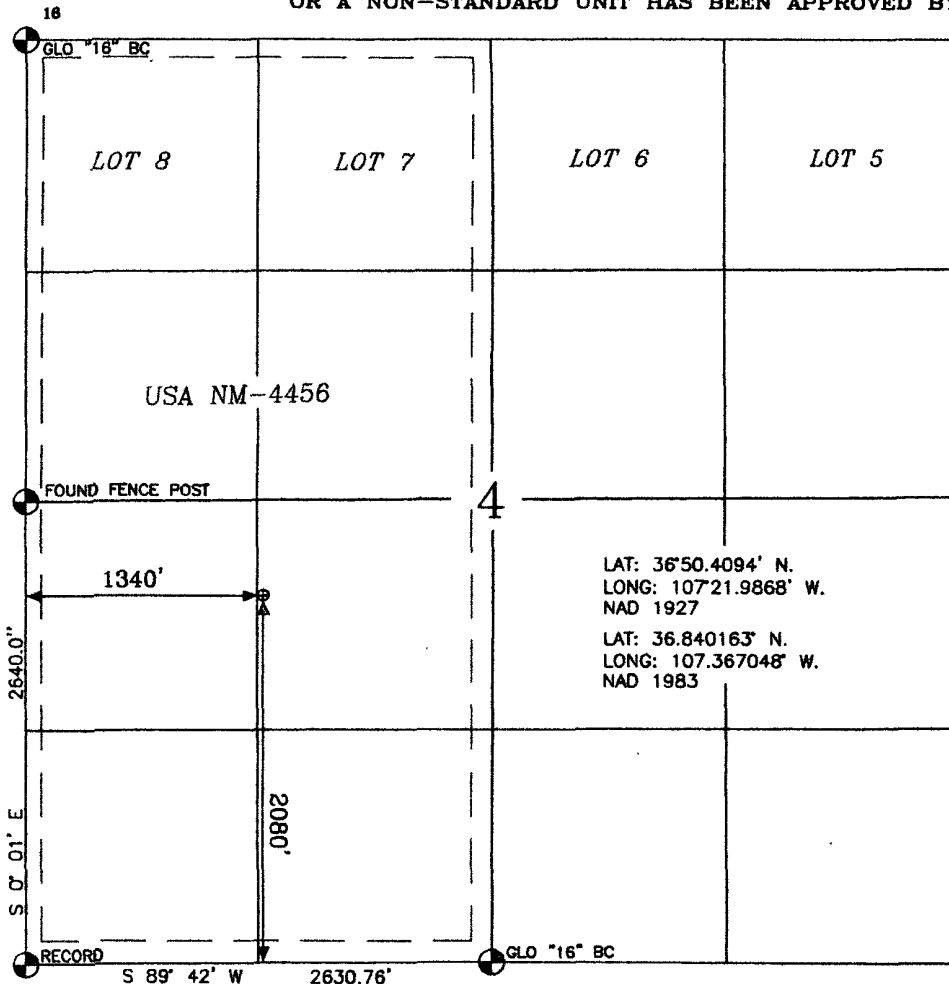
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	4	30-N	5-W		2080'	SOUTH	1340'	WEST	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
K									
¹² Dedicated Acres DK 319.63 ACRE W/2 MV 319.63 ACRE W/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



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 5/28/08
Signature

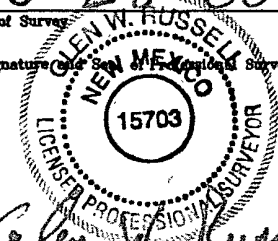
Crystal Tafoya 5-28-08
Printed Name

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.

5-23-08
Date of Survey

Signature of State Professional Surveyor:



Certificate Number 15703

COMPANY

Charge Code

WELL NAME

DUAL WELL

TRIPLE WELL

BURLINGTON RESOURCES

WAN.RFE.PD08.91

CAT DRAW # 1 F

DATE

5/29/2008

WELL NAME

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

K 4

30 N

5 W

36.840163 N

107367048 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	1600'			
			JEMEZ	
			1 MILE	

COMMENTS

SANDY LOAM

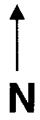
1 PHASE JEMEZ PRIMARY 1 MILE

INSTALL SINGLE WELL RECTIFIER SYSTEM

PLOW UGAC 1500' SOUTH

INSTALL LOAD CENTER

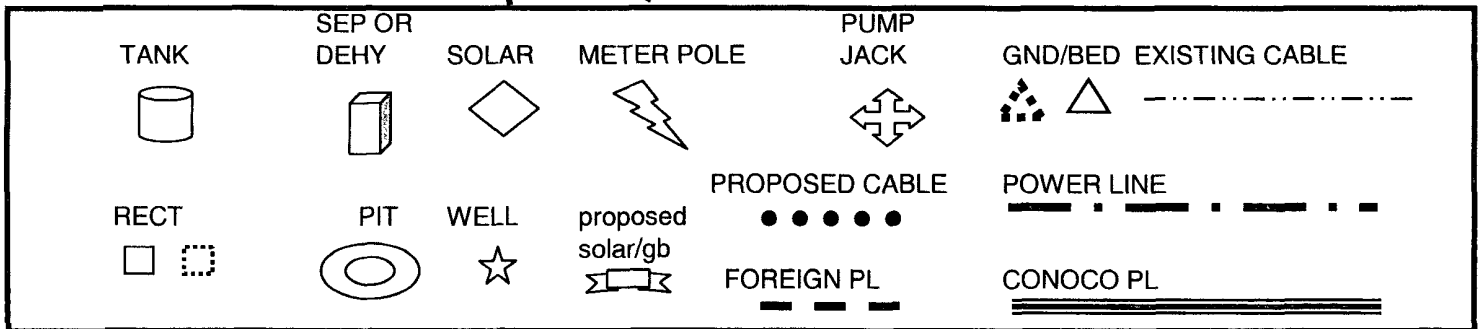
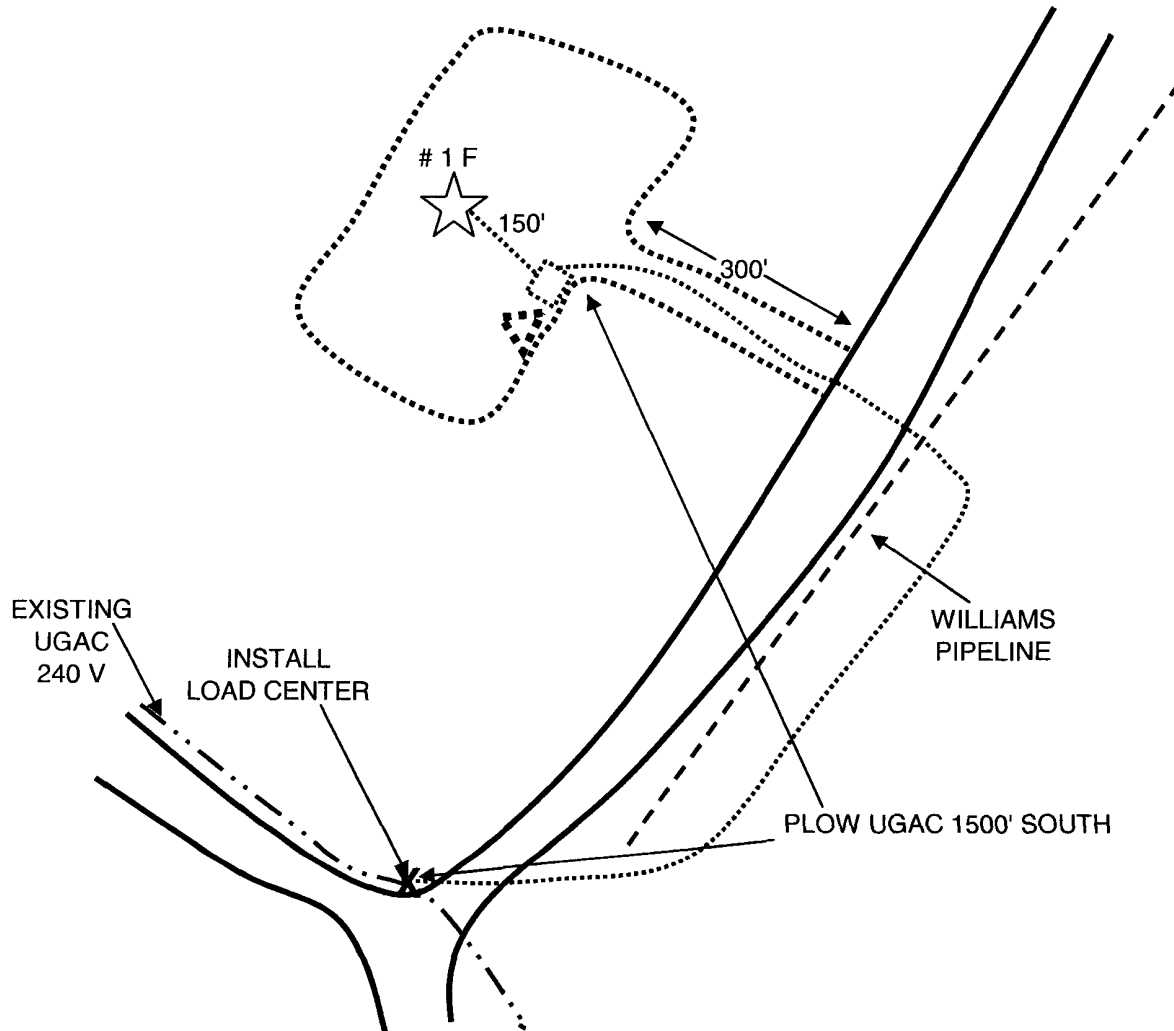
WELL NAME	CAT DRAW # 1 F
------------------	-----------------------



SANDY LOAM

1 PHASE JEMEZ PRIMARY 1 MILE

INSTALL SINGLE WELL RECTIFIER SYSTEM



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CAT DRAW 1F

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8091		AFE \$: 1,265,180.22	
Field Name: hBR_SAN JUAN		Rig: Aztec Riq 673		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist:		Phone:		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

Latitude: 36.840156	Longitude: -107.366446	X:	Y:	Section: 04	Range: 005W
Footage X: 1340 FWL	Footage Y: 2080 FSL	Elevation: 6429 (FT)	Township: 030N		

Tolerance:

Location Type: Restricted	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
---------------------------	-----------------------------	------------------	--------------------

Formation Data: Assume KB = 6441 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6241	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	2479	3962	<input type="checkbox"/>			
KIRTLAND	2649	3792	<input type="checkbox"/>			
FRUITLAND COAL	3141	3300	<input type="checkbox"/>			
PICTURED CLIFFS	3395	3046	<input type="checkbox"/>			
LEWIS	3582	2859	<input type="checkbox"/>			
Intermediate Casing	3682	2759	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 830 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4169	2272	<input type="checkbox"/>			
CHACRA	4563	1878	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	5394	1047	<input type="checkbox"/>	360		Gas
MENEFEE	5414	1027	<input type="checkbox"/>			
POINT LOOKOUT	5698	743	<input type="checkbox"/>			
MANCOS	5973	468	<input type="checkbox"/>			
UPPER GALLUP	6944	-503	<input type="checkbox"/>			
GREENHORN	7665	-1224	<input type="checkbox"/>			
GRANEROS	7714	-1273	<input type="checkbox"/>			
TWO WELLS	7820	-1379	<input type="checkbox"/>	1850		Gas
UPPER CUBERO	7834	-1393	<input type="checkbox"/>			
LOWER CUBERO	7879	-1438	<input type="checkbox"/>			
ENCINAL	7951	-1510	<input type="checkbox"/>			
Total Depth	8001	-1560	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement with 588 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CAT DRAW 1F

DEVELOPMENT

Logging Program:

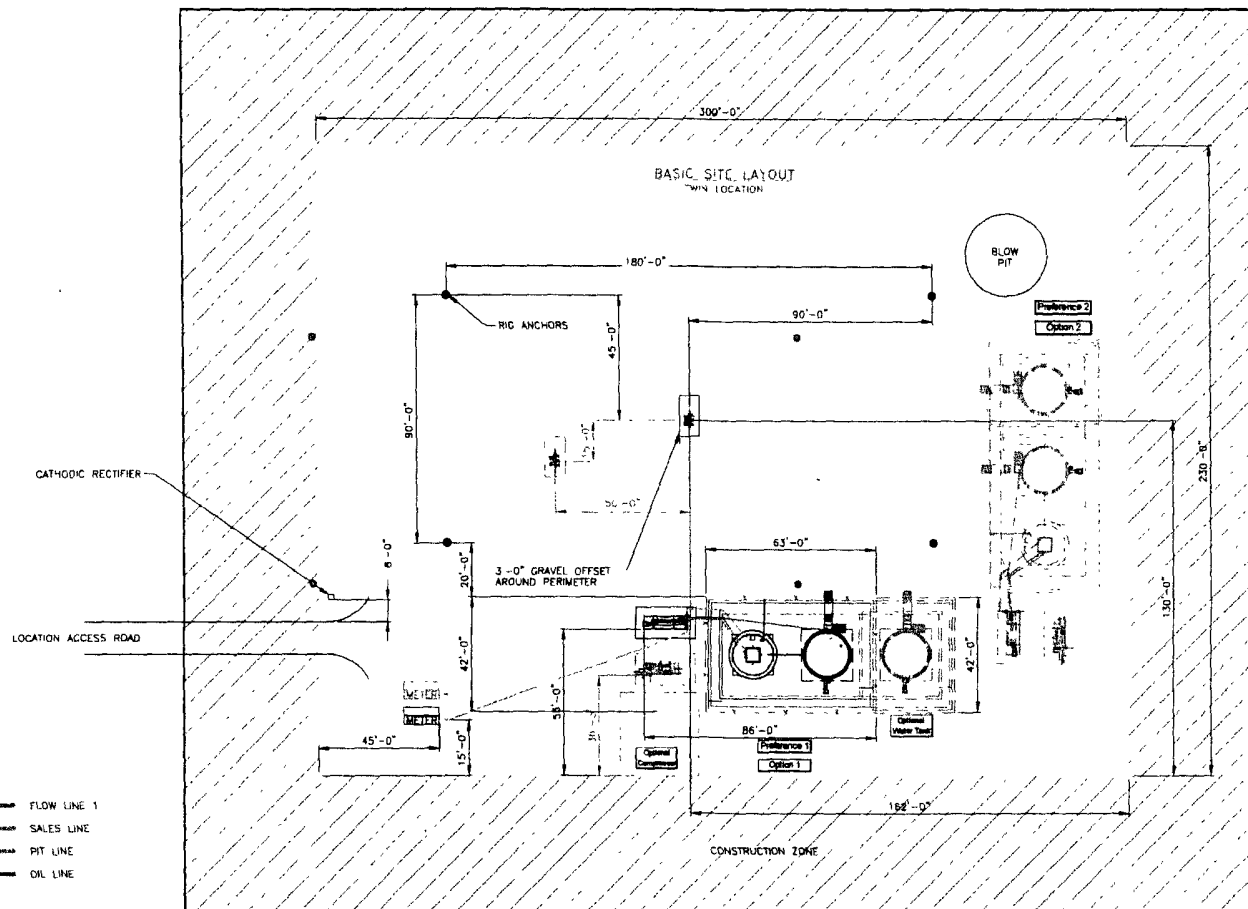
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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

Est bottom perf ~20' above the est TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
----------	-------	-----------	---------	----------------	---------



SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT			
										PROCESS	REVIEWED	DATE	NO.	DESCRIPTION				
										MECHANICAL								
										PIPING								
										ELECTRICAL								
										INSTRUMENTATION								
										CONSTRUCTION								
										PROJECT								
DESCRIPTION	DATE	BY	CHECKED	ENG	DISC	REV	SAN JUAN BUSINESS UNIT							CLIENT NO.	CLIENT NAME	APPROVAL DATE		
														DRAWN BY	SCALE	DATE	CREATION DATE	SHEET NO.
														DATE	HP3PHASE-REV1	1 OF 5		

HP3PHASE-REV1

Directions from the Post Office
in Blanco, NM
to
BURLINGTON RESOURCES OIL & GAS CO LP
CAT DRAW 1F
2080' FSL & 1340' FWL,
Section 4, T30N, R5W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36° 50' 24.59" N
Longitude: 107° 22' 01.38" W
Nad 83

From the Post Office in Blanco, NM
Take Highway 64 East for 28.8 miles
To Hwy 527 (Simms Mesa Hwy),
Turn left (northwest) on Hwy 527 for 8.0 miles,
To Rosa Road, turn right (northeast) for 6.6 miles,
Across La Jara Bridge to the top of the Mesa,
continue (northeasterly) 1.2 miles,
turn right (easterly) 1.3 miles,
continue (southerly) for 1.4 miles,
continue (northwesterly) for 0.8 miles,
turn left (north) for 0.8 miles,
To beginning of new access on left side of road,
proceed 293.31' to the newly staked location.