

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 0-7 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-079367-B 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 Name OIL CONS. DIV. San Juan 28-6 Unit DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
4. Location of Well Surf: Unit N (SESW), 750' FSL & 1700' FWL Surf: Latitude: 36.540372° N (NAD83) Longitude: 107.422080° W	9. Well Number 110N
14. Distance in Miles from Nearest Town 52 miles/Bloomfield	10. Field, Pool, Wildcat Basin DK/Blanco MV
15. Distance from Proposed Location to Nearest Property or Lease Line 750'	11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 25, T27N, R6W API # 30-039- 30729
16. Acres in Lease 560.00	12. County Rio Arriba
17. Acres Assigned to Well MV/DK 320.00 (W/2)	13. State NM
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 757' from San Juan 28-6 Unit 70 (PC/MV)	
19. Proposed Depth 7657' <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6555' 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>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	4/3/2009 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 the jurisdiction of such department or agency.

Example Master Plan Type 3

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

REMOVAL OR ACCEPTANCE OF THIS
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

APR 24 2009

NMOCD

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

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30729	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁶ Well Number 110N ⁹ Elevation 6555

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
N	25	27-N	6-W		750	SOUTH	1700	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
N									

¹² Dedicated Acres 320.00 (w/ 2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Crystal Tafoya</i> 8/19/08 Signature Crystal Tafoya Printed Name Regulatory Technician Title and E-mail Address August 19, 2008 Date
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. Date of Survey: 8/5/08 Signature and Seal of Professional Surveyor: 		
Certificate Number: NM 11393		

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PD08.C2

WELL NAME

SAN JUAN 28 - 6 # 110 N

DATE

8/19/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES**SEC**

N 15

TNSHP

27 N

RANGE

6 W

LATITUDE

36.540372 N

LONGITUDE

107.422080 W

COUNTY

RIO ARRIBA

RECTIFIER

30/12

X

EXISTING**1 PHASE****3 PHASE**SOLARGROUND BED

X

240 V METER POLE

X

480 V METER POLED C CABLES

8

200'

A C CABLES

8

500'

PRIMARY POWER

JEMEZ

DISTANCE TO POWER

450'

UNDERGROUNDPUMPJACKWATER PUMP**COMMENTS**

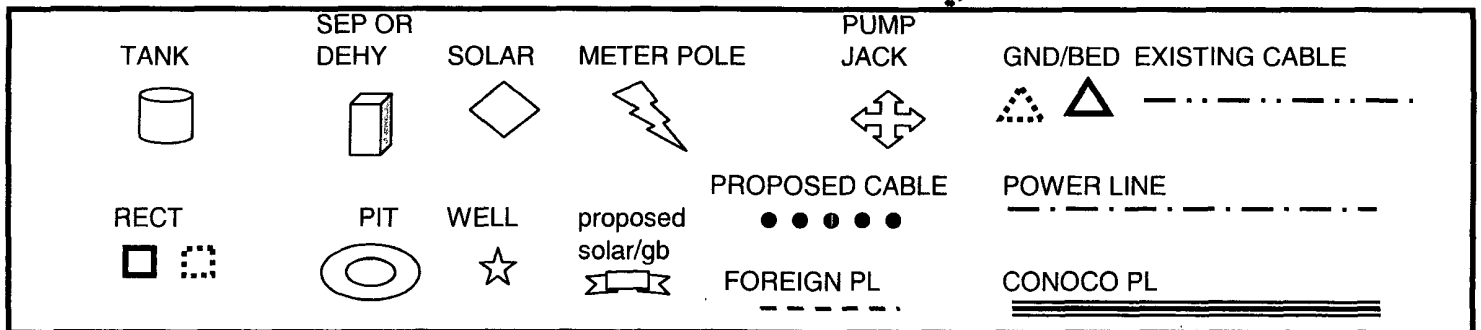
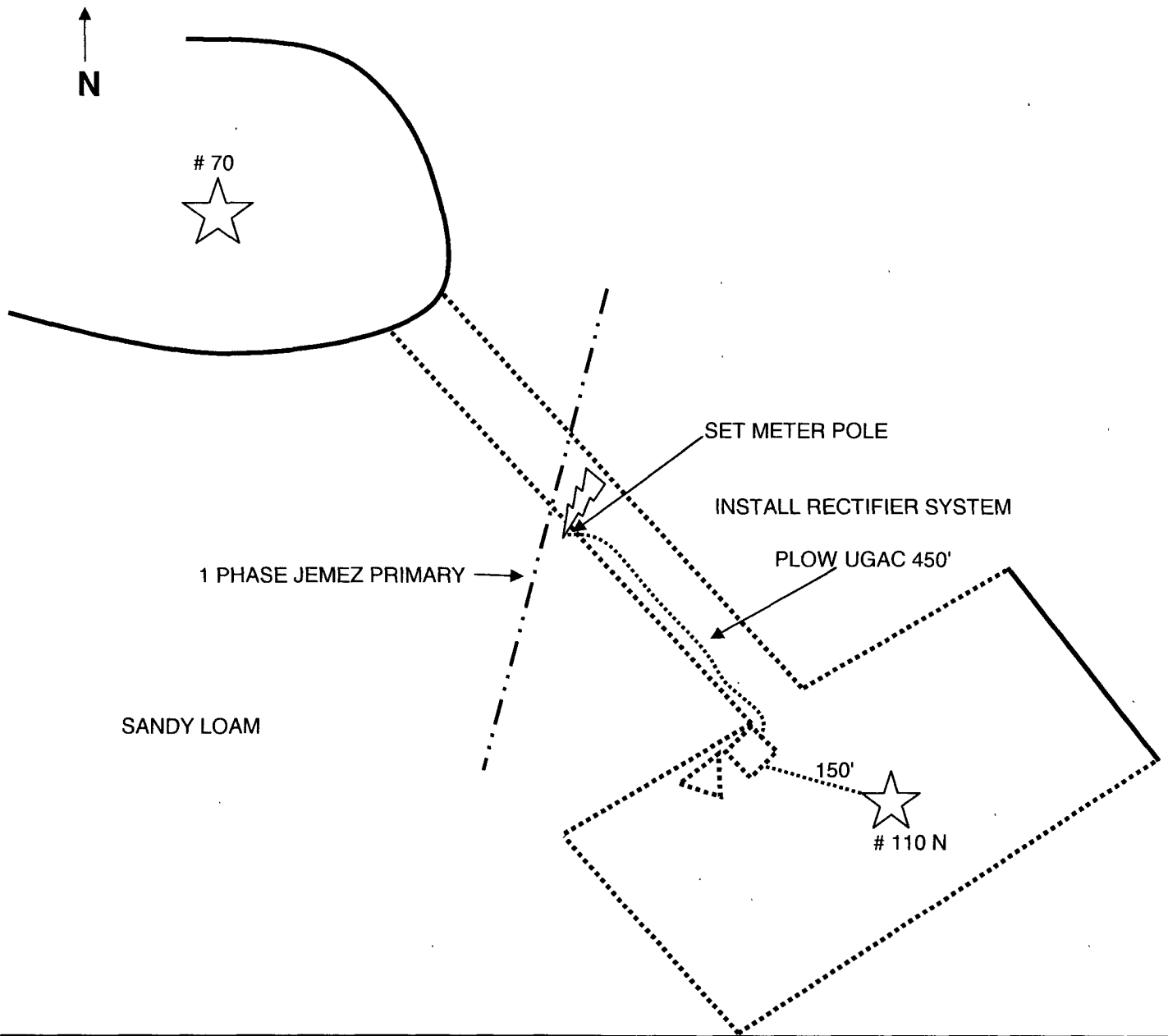
SANDY LOAM

1 PHASE JEMEZ PRIMARY 450'

PLOW UGAC 450' TO LOCATION

INSTALL SINGLE WELL RECTIFIER SYSTEM

WELL NAME	SAN JUAN 28 - 6 # 110 N
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 110N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8133				AFE \$: 1,263,911.21	
Field Name: hBR_SAN JUAN		Rig: XXX Deferred Economic Rig		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Johnson, David		Phone: +1 505-324-6169		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27							
Latitude: 36.540362		Longitude: -107.421477		X:	Y:	Section: 25	Range: 006W
Footage X: 1700 FWL		Footage Y: 750 FSL		Elevation: 6555 (FT)		Township: 027N	
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2020		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6567 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6367	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
OJO ALAMO	2526	4041	<input type="checkbox"/>				
KIRTLAND	2712	3855	<input type="checkbox"/>				
FRUITLAND	2830	3737	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3203	3364	<input type="checkbox"/>				
LEWIS	3317	3250	<input type="checkbox"/>				
Intermediate Casing	3417	3150	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 770 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3586	2981	<input type="checkbox"/>				
CHACRA	4177	2390	<input type="checkbox"/>				
MASSIVE CLIFF HOUSE	4868	1699	<input type="checkbox"/>	600		Gas	
MENEFEE	4969	1598	<input type="checkbox"/>				
POINT LOOKOUT	5372	1195	<input type="checkbox"/>				
MANCOS	5811	756	<input type="checkbox"/>				
UPPER GALLUP	6537	30	<input type="checkbox"/>				
GREENHORN	7312	-745	<input type="checkbox"/>				
GRANEROS	7373	-806	<input type="checkbox"/>				
TWO WELLS	7408	-841	<input type="checkbox"/>	2000		Gas	
UPPER CUBERO	7527	-960	<input type="checkbox"/>				
LOWER CUBERO	7564	-997	<input type="checkbox"/>				
ENCINAL	7656	-1089	<input type="checkbox"/>				
Total Depth	7657	-1090	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 577 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

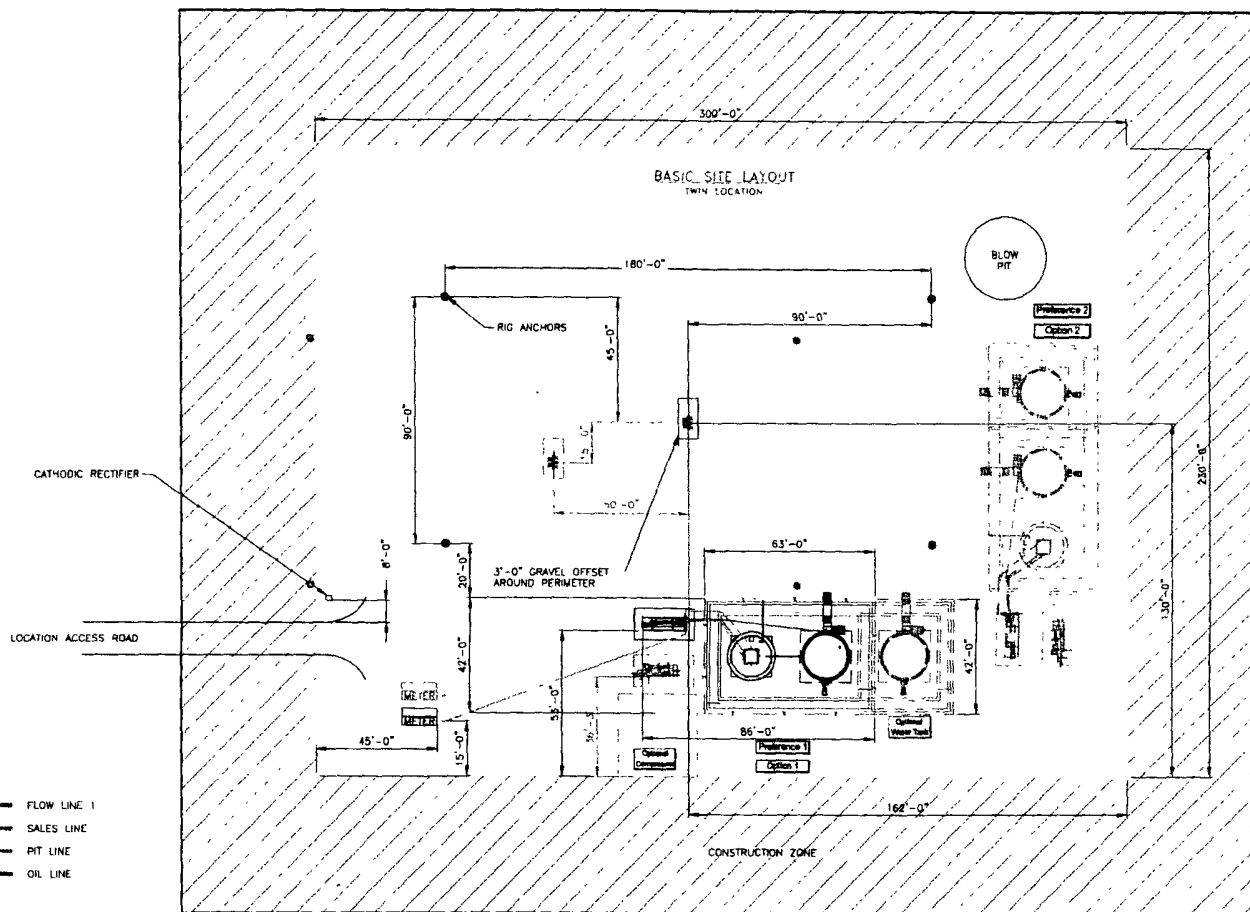
SAN JUAN 28-6 UNIT 110N

DEVELOPMENT

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
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				
										DISCIPLINE	REVIEWED	DATE	NO.	DESCRIPTION		CLIENT NO.	CLIENT APPR.	APPR. DATE		
										PROCESS						OWNER BY	SCALE	DATE		
										MECHANICAL										
										PIPING										
										ELECTRICAL										
										I & C										
										CIVIL/STRUCTURAL										
										PROJECT										
DESCRIPTION										DATE	BY	CHK'D	ENG	INSP	HW	SAN JUAN BUSINESS UNIT				
																		HP3PHASE-REV1	SHEET NO. 1 OF 5	

\\nrcs\5\gas\RD\csm\Andres\Regulatory\San Juan Location Site Layout.dwg, 06/28/2007 - 02:09pm

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #110N

750' FSL, 1700' FWL

SECTION 25, T-27-N, R-6-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.540372°N LONG.: 107.422080°W

ELEV.: 6555 NAVD88

NEW ACCESS 630.0'

FROM THE INTERSECTION OF HWY. 550 AND HWY. 64 IN
BLOOMFIELD, N.M.:

- GO EAST ON HWY. 64 FOR 36.4 MILES (TO MILES POST 101.1) AND TURN RIGHT BY GOBERNADOR SCHOOL.
- GO 5.5 MILES SOUTH ON C.R. 366 (GENERAL AMERICAN ROAD). JUST AFTER CROSSING MUNOZ WASH, TURN RIGHT (SOUTHWEST).
- GO 4.3 MILES SOUTHWEST THROUGH MUNOZ CANYON TO FOUR WAY ROAD INTERSECTION. CONTINUE SOUTHWEST TO CROSS CARRIZO WASH (MARTINEZ CROSSING) IN THE NORTHWEST PART OF SECTION 10, T-27-N, R-6-W.
- GO 0.3 MILES FROM FOUR WAY, CROSSING CARRIZO WASH, TURN LEFT (SOUTHEAST).
- GO 2.2 MILES SOUTH LEAVING CARRIZO WASH AND ENTERING MARTINEZ CANYON, STAY LEFT AT "Y" IN ROAD.
- GO 1.6 MILES SOUTH UP ONTO ENCINADA MESA AND TURN LEFT (EAST).
- GO 1.4 MILES EAST AND TURN RIGHT (SOUTH).
- GO 0.7 MILES SOUTH. TURN LEFT (EAST) ONTO ACCESS TO SJ 28-6 #70 AND BEGIN NEW 630.0' ACCESS FROM SOUTHEAST EDGE OF THIS LOCATION.