

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD NOV 20 '08
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078996
1b. Type of Well GAS	6. If Indian, All. or Tribe Unit Reporting Number NMNM-784238-MV
2. Operator ConocoPhillips	7. Unit Agreement Name San Juan 32-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
4. Location of Well Unit K (NESW), 1115' FNL & 2033' FWL, Latitude 36° .928211 N Longitude 107° .578447 W	9. Well Number #19M
	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota
	11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 4, T31N, R7W API # 30-045-34599
14. Distance in Miles from Nearest Town 18.8 miles/Ignacio	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1116'	
16. Acres in Lease 640.48	17. Acres Assigned to Well R-1066-MV 323.15 Sec 5, Lot #5 R-2046-DK Sec 4 SW 1/4, NW 1/4 SE 4, lots 6, 7, 8,
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 2537.37'	
19. Proposed Depth 8306'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6617' GR	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
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Crystal Walker Crystal Walker (Regulatory Technician)	2/19/08 Date

PERMIT NO.

APPROVAL DATE

NOV 18 2008

APPROVED BY Original Signed: Stephen Mason

TITLE

DATE NOV 18 2008

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

Bond Numbers ES-0048 and ES-0085

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

NOV 24 2008

NMOCED

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

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1900 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

FEB 20 2008

Bureau of Land Management
PLAT Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34599	² Pool Code 71599, 72319	³ Pool Name Blanco- MESAVERDE / DAKOTA
⁴ Property Code 31329	⁵ Property Name SAN JUAN 32-7 UNIT	⁶ Well Number 19M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6617

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	31-N	7-W		1115	NORTH	2033	WEST	SAN JUAN

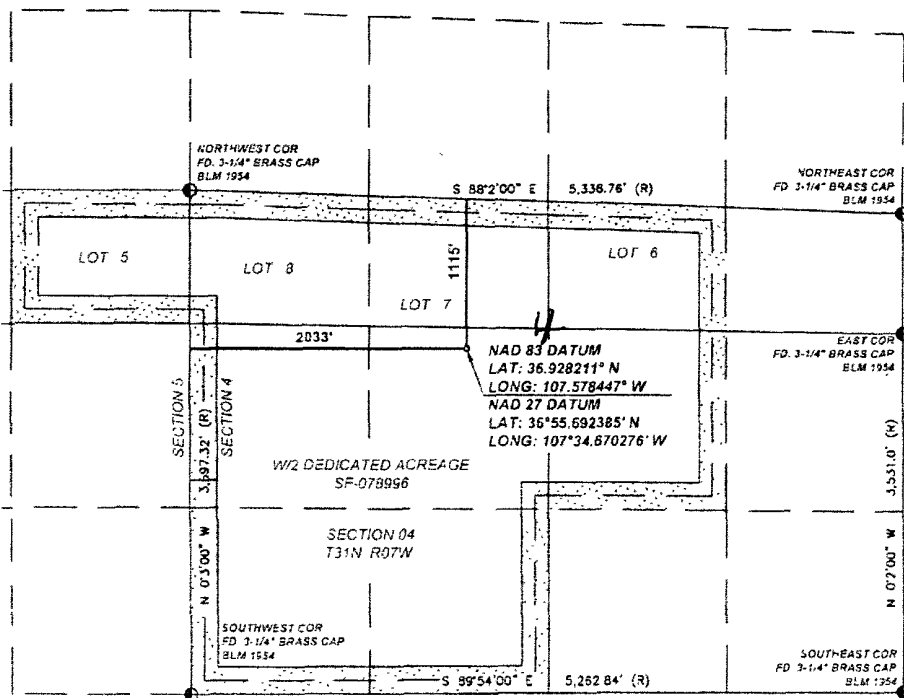
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K									

¹² Dedicated Acres 323.15 (4022)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-1066 Block G MV R-2046 Tract E Dakota
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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 advanced 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.

Crystal Walker
Signature

Printed Name
Crystal WalkerTitle and E-mail Address
Regulatory TechnicianDate
2-19-08

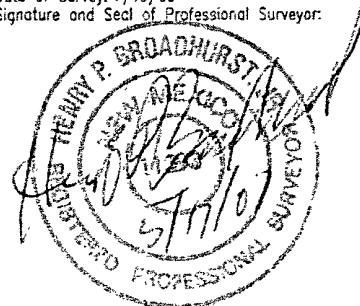
Date

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: 7/19/06

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

Cathodic Detail

COMPANY

ConocoPhillips

Charge Code

WAN.RFE.PD07.02

WELL NAME

SAN JUAN 32 - 7 # 19 M

DATE

1/7/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC	TNSHP	RANGE
K 4	31 N	7 W

LATITUDE

36.928211 N

LONGITUDE

107.578447 W

COUNTY

SAN JUAN

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

COMPRESSOR

RTU

SAMS

TANKS

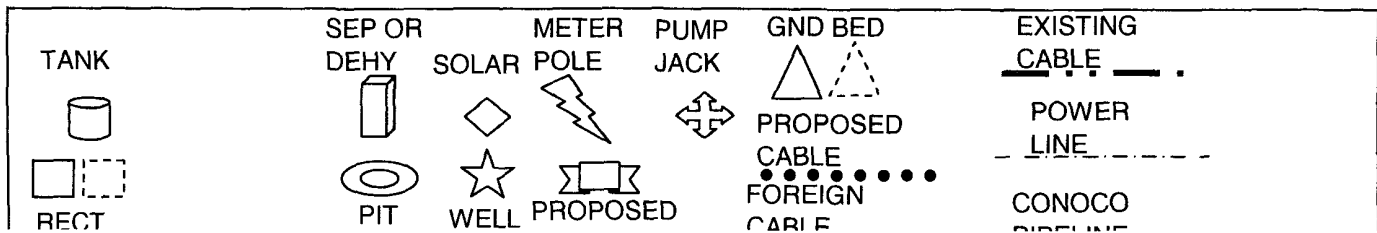
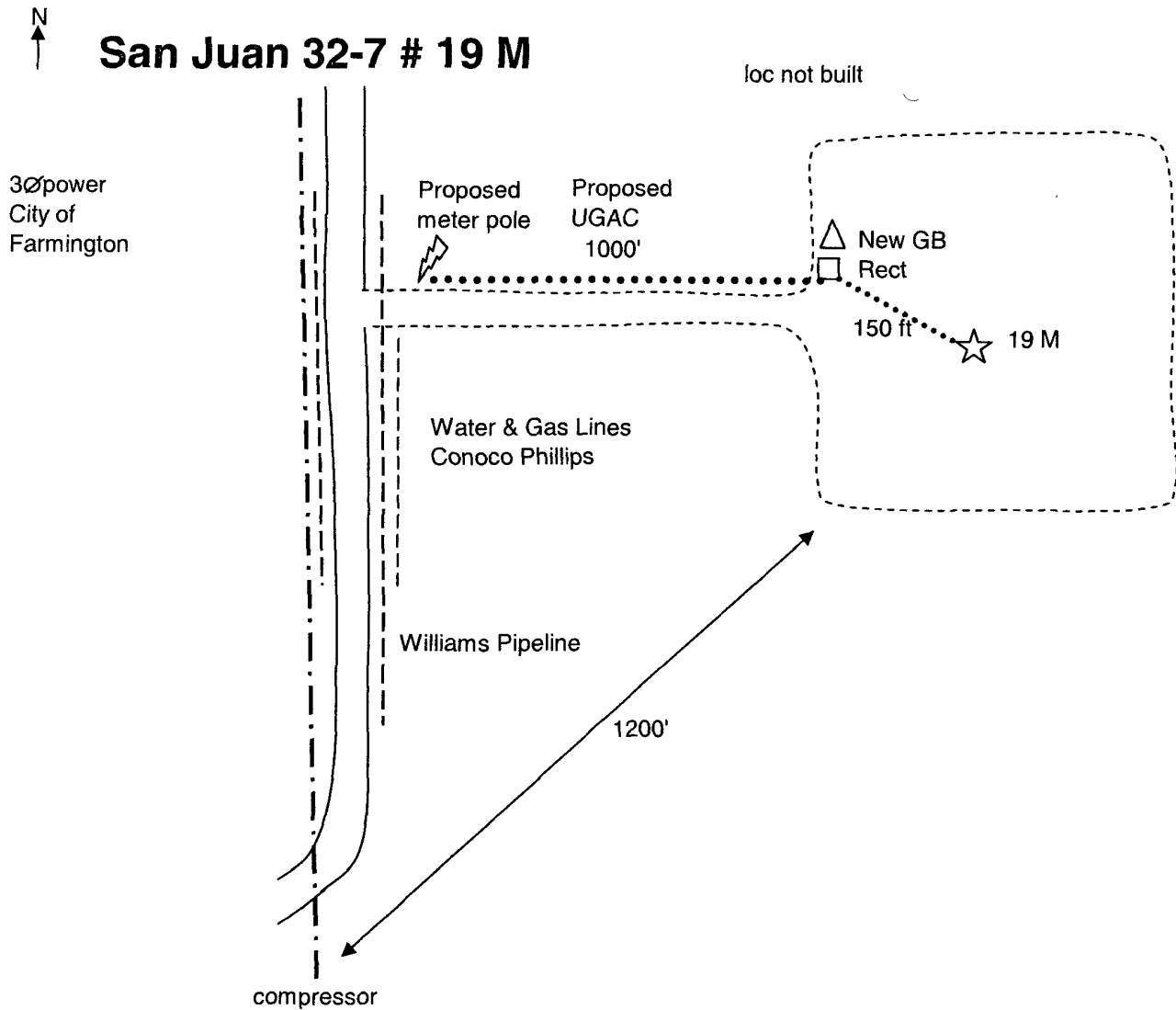
SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	x			
	x			
100 A	x			
# 8	200 ft			
# 8	1000 ft		city Fmt	
			x	
			1000 ft	

COMMENTS

Install meter pole - plow 1000 ft ac - Install rectifier system

sandy loam soil

WELL NAME	Groundbed for Cathodic
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-7 UNIT 19M

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7101		AFE \$:	
Field Name: 32-7		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer:		Phone:	Proj. Field Lead:		Phone:
Primary Objective (Zones):					
Zone	Zone Name				
R20076	DAKOTA(R20076)				
R20002	MESAVERDE(R20002)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.928206	Longitude: -107.577838	X:	Y:	Section: 04	Range: 007W
Footage X: 2033 FWL	Footage Y: 1115 FNL	Elevation: 6617	(FT)	Township: 031N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6631 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	6431	☐		320'
Remarks: 12 1/4" hole 8 5/8" 24 ppf, J-55, STC casing. Cement with 200 cuft. Circulate cement to surface.					
OJO ALAMO	2334	4297	☐		
KIRTLAND	2458	4173	☐		
FRUITLAND	3197	3434	☐		Possible Gas
PICTURED CLIFFS	3489	3142	☐		
LEWIS	3632	2999	☐		Mud Drill; no intermediate casing. ✓
HUERFANITO BENTONITE	4310	2321	☐		
CHACRA	4736	1895	☐		
UPPER CLIFF HOUSE	5189	1442	☐		
MENEFEE	5601	1030	☐		
POINT LOOKOUT	5820	811	☐	1000	GAS
MANCOS	6251	380	☐		
UPPER GALLUP	7176	-545	☐		
GREENHORN	7874	-1243	☐		
GRANEROS	7933	-1302	☐		
TWO WELLS	8027	-1396	☐	2800	Gas
PAGUATE	8040	-1409	☐		
CUBERO	8057	-1426	☐		
LOWER CUBERO	8096	-1465	☐		
ENCINAL	8161	-1530	☐		
BURRO CANYON	8251	-1620	☐		
MORRISON	8266	-1635	☐		TD - T/MRSN + 40'
Total Depth	8306	-1675	☐		6-1/4" hole, 4-1/2" 11.6 ppf, N-80 LTC casing. Cement with 2450 cuft. Circulate to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	SJ 32-7 74	4-31N-7W-SE, KB = 6756
Intermediate	SJ 32-7 18	5-31N-7W-SE, KB = 6673

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 32-7 UNIT 19M

DEVELOPMENT

Intermediate	SJ 32-7 10	32-32N-7W-SW, KB = 6565
Production	San Juan 32-7 31	32N-7W32 NW SE SE
Production	San Juan 32-7 216A	31N-7W4 NW
Production	San Juan 32-7 74	31N-7W4 SE NE SE
Production	San Juan 32-7 18-5	31N-7W5 NE NE SE

Logging Program:

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

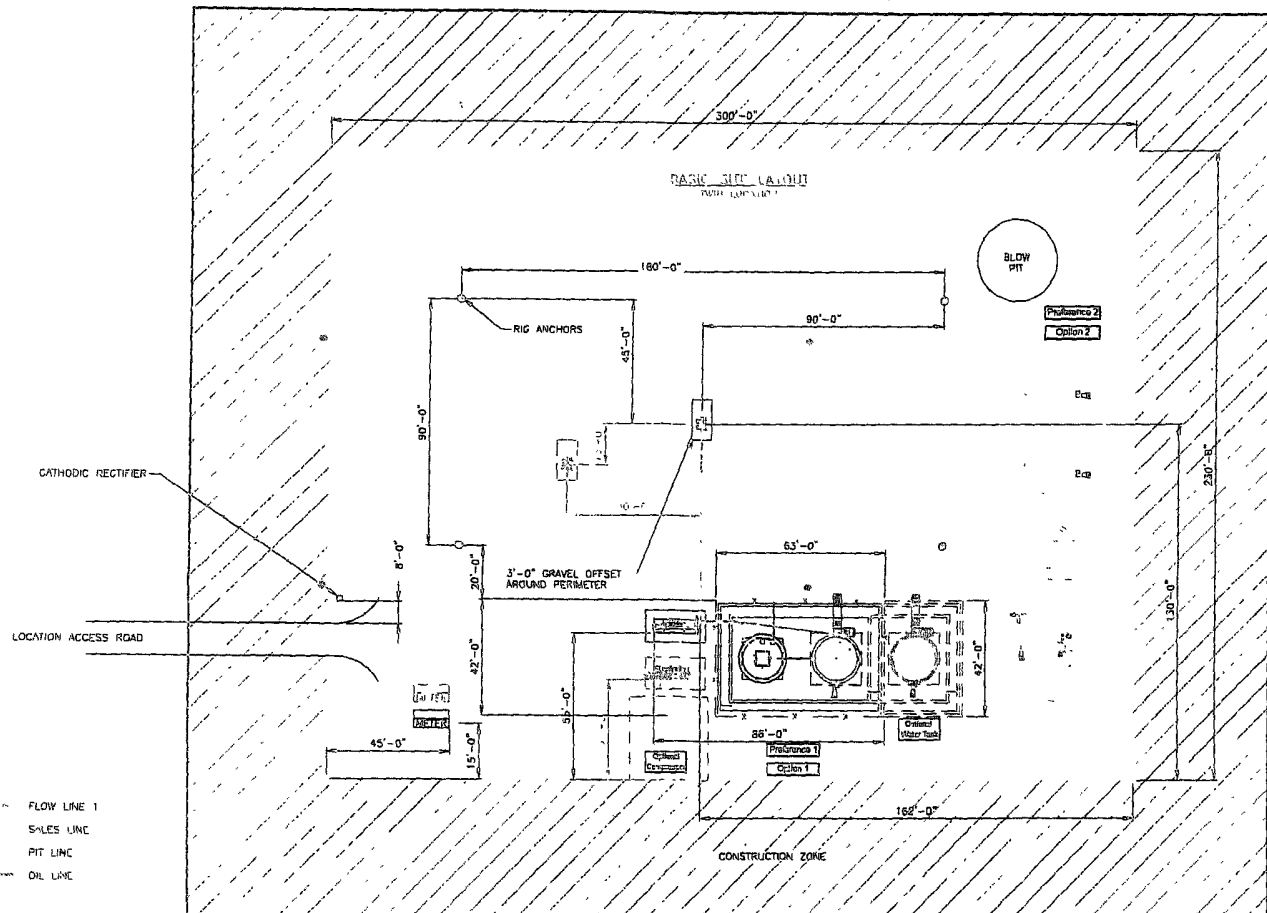
TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

GR/CBL

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

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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FLOW LINE 1
 SATES LINE
 PIT LINE
 OIL LINE

SEE SHEET 3 & 4 FOR PILING DETAILS
ALL LAND-GROUND PILES TO BE BURIED & MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS			ConocoPhillips			CONOCO PHILLIPS HIGH PRESSURE 5 PHASE FACILITY DIAGRAM- SITE LAYOUT														
										DISCIPLINE	REVIEWED	DATE	SHEET	DESCRIPTION																			
										PROCESS									CLIENT FILE														
										TECHNICAL									SCALE: NONE														
										Piping									APPRO. DATE														
										ELECTRICAL									DATE: 6/20/07														
										I & C																							
										GENERAL/OTHER									SHEET NO.														
										PROJECT									1 OF 5														
DESCRIPTION										DATE			SY			CITY			ENG			DRC			APP			SAN JUAN BUSINESS UNIT			HPS PHASE - REV1		

CONOCOPHILLIPS COMPANY

**SAN JUAN 32-7 UNIT 19M
1115' FNL, 2033' FWL
SECTION 4, T-31-N, R-7-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
ELEV.: 6617 NAVD88
NEW ACCESS 1030'**

**DRIVING DIRECTIONS TO: COPC SJ 32-7 UNIT 19M IN NW4 SECTION 4
TWNSH.31-N, RNG. 7-W SAN JUAN CO. NEW MEXICO. 1115' FNL, 2033'
FWL.**

**FROM IGNACIO COLO.: TRAVEL EASTERLY TOWARDS ALLISON, ON HWY.
#151 FOR 9.6 MILES AND TURN RIGHT (SOUTH) ON LAPLATA CR #328.**

**(CROSSING INTO NEW MEXICO, LAPLATA CR 328 BECOMES SAN JUAN CR
4010)**

**AT CR 4008 INTERSECTION, STAY LEFT-STRAIT. AT CR 4012
INTERSECTION, STAY RIGHT-STRAIGHT, & CONTINUE UP HILL ON CR
4010.TO TOP OF MESA, STAY LEFT ON MAIN ROAD.**

**AT 5.2 MILES FROM TURNING OFF HWY.151, TURN RIGHT, DOWN HILL
GRADE OFF OF MESA.**

**GO 1.8 MILES TO INTERSECTION OF SAN JUAN COUNTY ROADS 4010 &
4000. TURN LEFT.**

GO 1.2 MILES & TURN RIGHT (WESTERLY) & FOLLOWING POWERLINES.

GO 1.0 MILES & TURN LEFT (SOUTHERLY)

**GO 0.8 MILE . TO NEW ACCESS TO SJ 32-7 UNIT 19M WELL PAD ON LEFT
SIDE OF ROAD.**