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APR 22 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-079022 079002 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 N: DK - NMNM 78420D MV - NMNM 78420A San Juan 30-6 Unit PROD. IAN 7'09
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name OIL CONS. DIV. 9. Well Number #36M DIST. 3
4. Location of Well Surf: Unit I (NESE), 2160' FSL & 1300' FEL Surf: Latitude 36.82578° N Longitude 107.48167° W	10. Field, Pool, Wildcat Basin DK/ Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 8, T30N, R6W API # 30-039- 30523
14. Distance in Miles from Nearest Town 40 miles/Blanco	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 1360' SJ 30-6 Unit #36	13. State NM
16. Acres in Lease 2,400.00	17. Acres Assigned to Well 320.00 Acres - (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 52' from San Juan 29-7 Unit #86A	
19. Proposed Depth 7745' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6224' GR	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>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	<u>4-22-08</u> 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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

NMOCD

JAN 08 2009

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

DISTRICT II
1301 W. 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

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Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr. Farmington Field Office
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039- 30523	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 36 M
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6224'

¹⁰ Surface Location

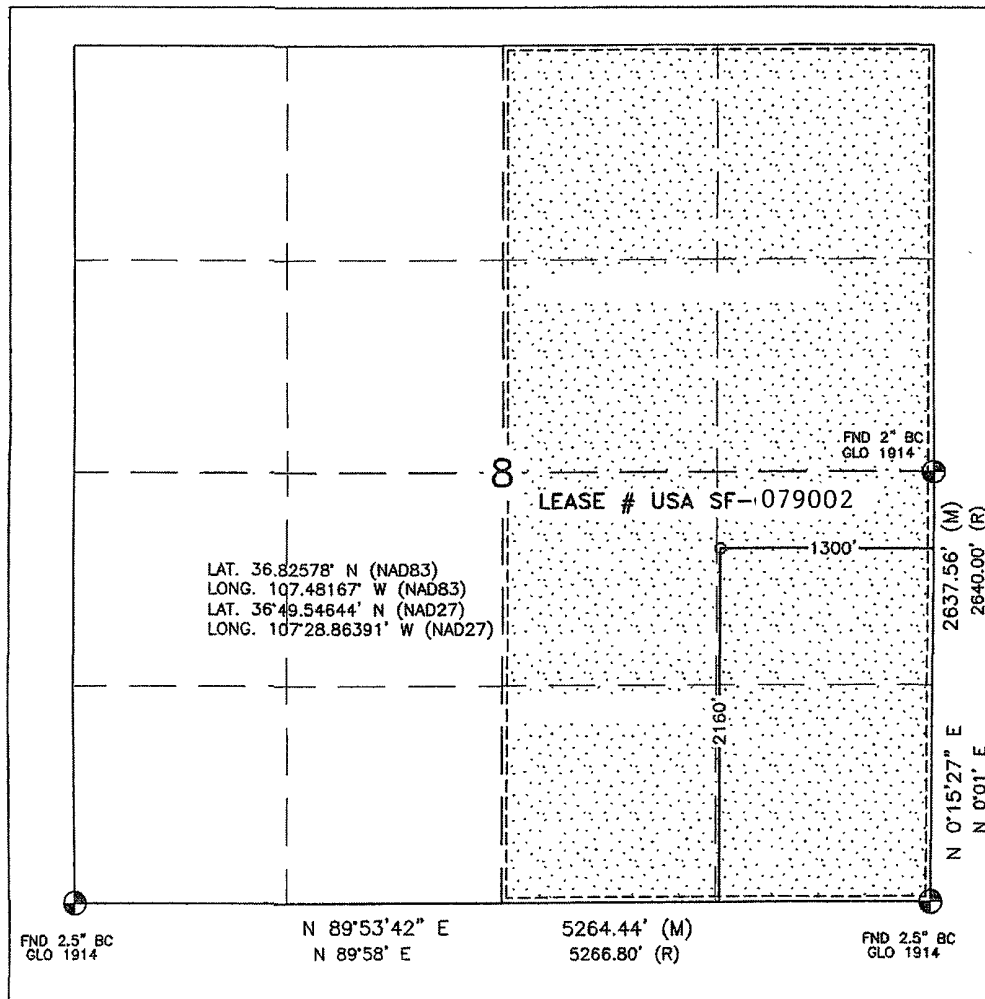
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	8	30N	6W		2160'	SOUTH	1300'	EAST	RIO ARRIBA

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
I									
¹² Dedicated Acres 320.00 Acres - (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 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 or a compulsory pooling order heretofore entered by the division.

Sasha Spangler 4-23-08
Signature Date

Sasha Spangler
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.

JANUARY 16, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

David Russell
DAVID R. RUSSELL
Professional Surveyor
New Mexico
Surveyor License No. 10201

DAVID RUSSELL

Certificate Number

10201

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO7.LD

WELL NAME

SAN JUAN 30 - 6 # 36 M

DATE

2/1/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES**SEC****TNSHP****RANGE****LATITUDE****LONGITUDE**

18

30 N

6 W

36.82578 N

107.48167 W

COUNTY

RIO ARRIBA

RECTIFIER

SIZE

NEEDED

EXISTING

1 PHASE

3 PHASE

30/12

x

SOLARGROUND BED

x

240 V METER POLE480 V METER POLED C CABLES

8

200 ft

A C CABLES

8

1300 ft

PRIMARY POWERDISTANCE TO POWERUNDERGROUNDPUMPJACKWATER PUMPCOMPRESSORRTUSAMSTANKS**COMMENTS**

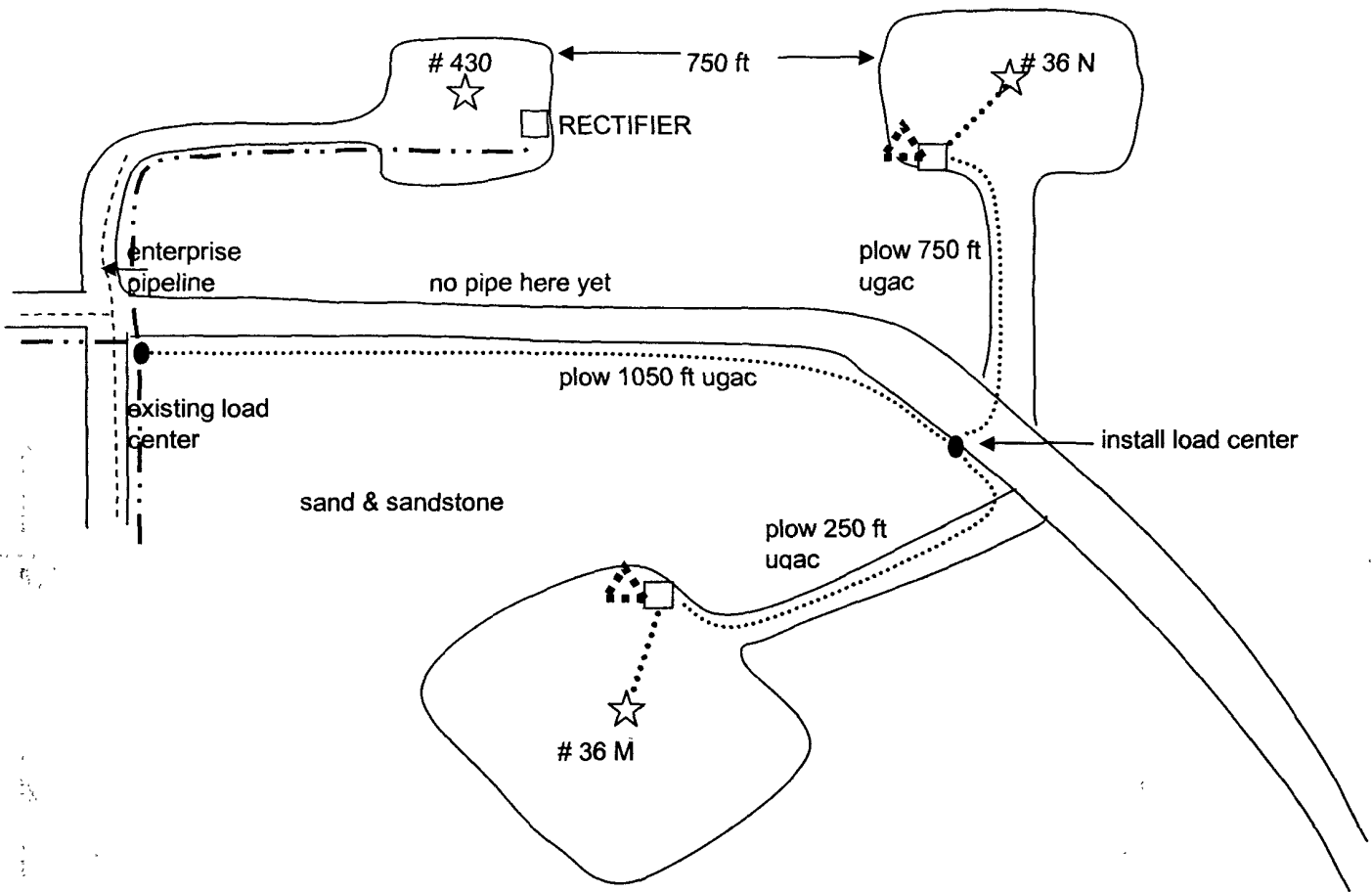
plow ugac from existing load center at cross roads - install load center at entrance

road to 36 N - plow 250 ft ugac to loc

install rectifier system - mostly sand

WELL NAME

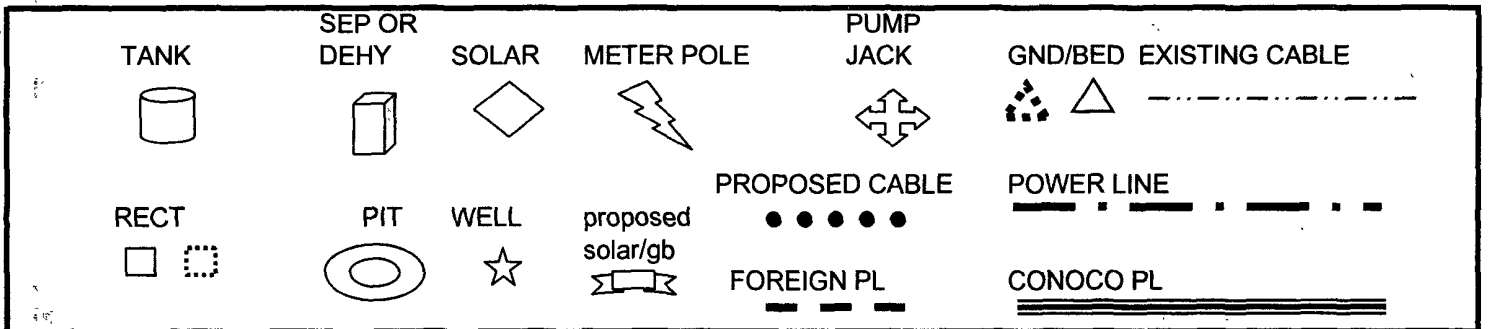
SJ 30-6 # 36 M



1 phase primary 3/4 mile

3 phase primary 1.2 mile

JEMEZ



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 36M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7463				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		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: 36.825254	Longitude: -107.478395	X:	Y:	Section: 08		Range: 006W	
Footage X: 1300 FEL	Footage Y: 2160 FSL	Elevation: 6224	(FT)	Township: 030N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6236 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6036	☐			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	2139	4097	☐				
KIRTLAND	2349	3887	☐				
FRUITLAND COAL	2928	3308	☐				
PICTURED CLIFFS	3170	3066	☐				
LEWIS	3338	2898	☐				
Intermediate Casing	3438	2798	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 775 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3880	2356	☐				
CHACRA	4269	1967	☐				
MASSIVE CLIFF HOUSE	5096	1140	☐	400		Gas	
MENEFEE	5131	1105	☐				
MASSIVE POINT LOOKOUT	5432	804	☐				
MANCOS	5817	419	☐				
UPPER GALLUP	6681	-445	☐				
GREENHORN	7409	-1173	☐				
GRANEROS	7464	-1228	☐				
TWO WELLS	7578	-1342	☐	2300		Gas	
PAGUATE	7591	-1355	☐				
UPPER CUBERO	7601	-1365	☐				
LOWER CUBERO	7625	-1389	☐				
ENCINAL	7692	-1456	☐				
TOTAL DEPTH DK	7745	-1509	☐			6 1/4" hole. 4 1/2" 11.6 ppf N-80 LT&C. Circulate cement to 100-ft minimum inside Intermediate csg.	
Reference Wells:							
Reference Type	Well Name		Comments				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

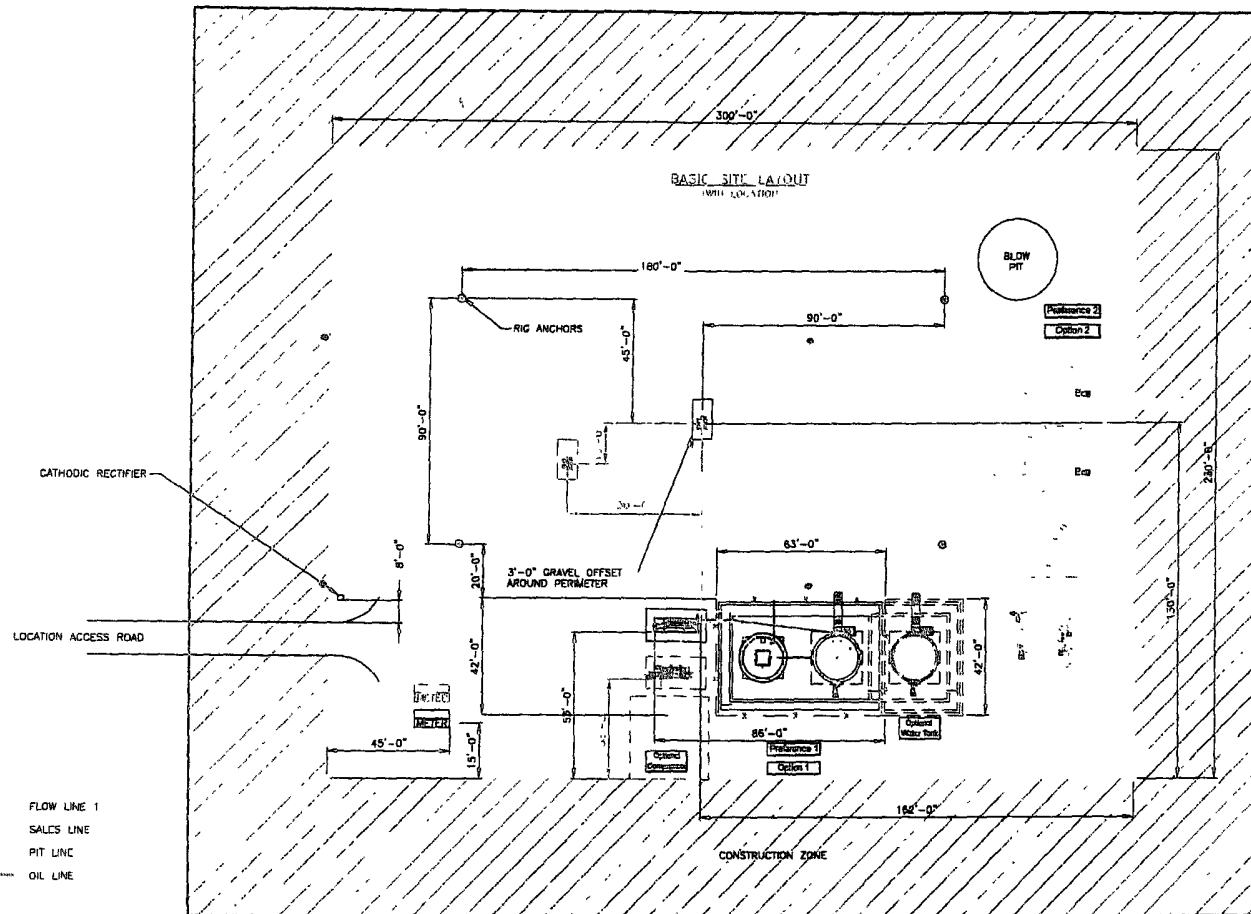
SAN JUAN 30-6 UNIT 36M

DEVELOPMENT

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

TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
Estimated bottom perf ~20' above the estimated TD.							

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



FLOW LINE 1
SALES LINE
PIT LINE
OIL LINE

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		
DATE/REV REVIEWED DATE										NO. DESCRIPTION		CLIENT NO. CLIENT APPR. REVISED DATE		
PROCESS												CLIENT NO.		
MECHANICAL												CLIENT APPR.		
PIPING												REVISED DATE		
ELECTRICAL												CLIENT NO.		
I & C												CLIENT APPR.		
CONSTRUCTION												REVISED DATE		
PROJECT												CLIENT NO.		
SAN JUAN BUSINESS UNIT												CLIENT APPR.		
HP3PHASE-REV1												REVISED DATE		
SHEET NO.												1 of 5		

BURLINGTON RESOURCES O&G CO LP

SAN JUAN 30-6 UNIT #36 M
2160' FSL & 1300' FEL
LOCATED IN THE NE/4 SE/4 OF SECTION 8,
T30N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 64 AND HWY 527, GO NORTH ON HWY 527 7.7 MILES.
- 2) TURN RIGHT ONTO ROSA RD, GO 3.2 MILES.
- 3) TURN LEFT, GO 0.65 MILES.
- 4) TURN LEFT GO 0.25 MILES.
- 5) TURN LEFT GO 0.25 MILES TO BEGIN ACCESS.
- 6) TURN LEFT AND FOLLOW RED FLAGGING 145.52' TO LOCATION.

WELL FLAG LOCATED AT LAT. 36.82578°N LONG. 107.48167°W (NAD 83)

