Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM	API	ROY	VE

OMB No.	1004-	0137

•		. 1004- 0137
- 20071	Eupyes: M	arch 31, 200

Do no	IDRY NOTICES AND I of use this form for propos oned well. Use Form 3160-	als to drill or to re-en	ter an	5. Lease Serial N Contract 457 6. If Indian, Allo Jicarilla Apa	tice/or Tribe Name 09
	PLICATE - Other Instruc	tions on reverse sid	e.	7. If Unit or GA,	Agreement Name and/or No.
1. Type of Well Oil Well Off Gas Well	Other			8. Well Name an	id No.
2. Name of Operator				Jicarilla 457	-04 #44
Black Hills Gas Resources				9. API Well No.	
3a. Address		3b. Phone No. (include	e area code)	30-039-3010	00
3200 N 1st Street PO Box 2	49 Bloomfield, NM 8741	3 505-634-1111 ex	xt 27		ol, or Exploratory Area
4. Location of Well (Footage, Sec., T.	R., M., or Survey Description)			E. Blanco/Pi	
Surface: 775' FSL 545' FEL				11. County or Pa	rish, State
Bottom Hole: ±775' FSL ±5	0' FWL SW/SW Unit M S	Sec 04 T30N R3W	***	Rio Arriba, l	New Mexico
CHECK APPROF	RIATE BOX(S) TO INDIC	CATE NATURE OF N	OTICE, REPOR	T, OR OTHER	R DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent	Acidize	Deepen	Production (S	tart/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		Other
	Change Plans	Plug and abandon	Temporarily A	bandon	Convert Vertical
Final Abandonment Notice	Convert to Injection	Plug back	Water Disposa	al	well to horizontal well
Attach the Bond under which the world following completion of the involve testing has been completed. Final A determined that the site is ready for The initial APD to drill number 30-039-30100 determined that the PC Hills Gas Resources is well from a vertical we and PC formations are	nally or recomplete horizontally, give ork will performed or provide the Bo d operations. If the operation results bandonment Notice shall be filed onl	e subsurface locations and mond No. on file with the BLM in a multiple completion or rely after all requirements, included with the substitution of the substitution o	easured and true vertity BIA. Required subsecompletion in a new ading reclamantion, he on August 17, rilled wells in a using Horizo a revised NM sources also	cal depths or pertin lequent reports shall interval, a Form 31 ave been completed 2007. The the immedia ontal Drilling State Form request that	tent markers and sands. I be filed within 30 days 160-4 shall be filed once d, and the operator has well was given API tte area, it has been Technology. Black C-102, to change the if tests of the tertiary
if needed.					RCVD SEP 18'07
The surface location of	f the well remains the s	ame but the new t	oottom hole w	ill be ±775' l	FSL ±50' FWL / Unit M OIL CONS. DIV.
Surface disturbance w	ill not change from the	initial APD, therefo	ore the Surfac	e Use Plan	

HCLD 0104 FOR directional Survey **CONDITIONS OF APPROVAL** AS Drilled C-102 Adhere to meviously issued stigulations. 14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed) Title Regulatory Specialist Lynn H. Benally

Date 8/30/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, it any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease of the would entitle the applicant to conduct operations thereon.

which would fentitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

modified.

DIST. 3

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise, depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole, method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as requited by 43 CFR 3162.4-1(c); and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to

appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3 - 2, 3162.3 - 3, 3162.3 - 4.

The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency -sponsored information collection unless it displays a currently valid OMB control number.

CONDITIONS OF APPROVAL Adhere to previously increased eligibilities.

BURDEN HOURS STATEMENT

y was ending

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240

(Form 3160-5, page 2)

DISTRICT I 1 1625 N. French Dr., Hobbs, N.M. 88240

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

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

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 - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

DISTRICT IV 1220 South St. Francis Dr., Sonta Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number					DICTUDED CLIEFS					
*Property Co	de		⁵ Property Name ⁶ Well Nur							
22869	_		JICARILLA 457-04 44							
OGRID No					⁸ Operator N	lome			⁹ Elevotion	
013925			BLACK HILLS GAS RESOURCES 7122							
					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	
Р	4	30-N	3-W		775	SOUTH	545	EAST	RIO ARRIBA	
			11 Botto	om Hole	Location 1	f Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Eost/West line	County	
М	4	30-N	3-W	_	775	SOUTH	50	WEST	RIO ARRIBA	
¹² Dedicated Acres			¹³ Joint or I	nfill	14 Consolidation Co	ode	¹⁵ Order No.			
320.00						•				
NO ALLOW	VABLE W	IILL BE A	ASSIGNE	O TO TH	S COMPLETI	ON UNTIL ALL	INTERESTS I	HAVE BEEN (CONSOLIDATED	

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		· · · · · · · · · · · · · · · · · · ·		
LOT 4	LOT 3	LOT 2	CALC'D. CORNEF BY SINGLE PROF LOT 1	I '' OPERATOR CERTIFICATION
50' FD.			545'	Caluly / 12, 20, 2007



Black Hills Gas Resources (BHGR) Jicarilla 457-04 #44

Surface Location: 775' FSL 545' FEL Unit P (SE/SE)
Bottom Hole Location: ±775' FSL ±50' FWL Unit M (SW/SW)
Sec.04 T30N R3W
Rio Arriba County, New Mexico

Contract 457

DRILLING PROGRAM

(Per Rule 320)

This Application for Permit to Drill (APD) was initiated under the NOS process as stated in Onshore Order No. 1 and supporting Bureau of Land Management (BLM) documents. This APD process includes an onsite meeting which was held on February 15, 2006 as determined by Bureau of Land Management (BLM), Bureau of Indian Affairs (BIA) and Jicarilla Oil & Gas Administration (JOGA), and at which time the specific concerns of Black Hills Gas Resources (BHGR) were discussed.

This well was originally permitted and approved as a vertical PC well. This new drilling plan addresses changing the un-drilled well to a horizontal PC well.

SURFACE FORMATION - San Jose

GROUND ELEVATION - 7,112'

ESTIMATED FO	DRMATION TOPS	- (mineral-bea	aring formations)
San Jose	Surface	,	shales & siltstone

Sail 3030	Burrace	bandstone, snates & snatones
Nacimiento	1,987'	Sandstone, shales & siltstones
Ojo Alamo	3,099'	Sandstone, shales & siltstones
Kirtland	3,362'	Sandstone, shales & siltstones
Fruitland	3,695'	Sandstone, shales & siltstones
Pictured Cliffs	4,164'	Sandstone, shales & siltstones

TOTAL DEPTH 3,693' TVD

Estimated depths of anticipated fresh water, oil, or gas:

4,164'

Gas

Tertiary San Jose surface Gas Nacimiento 1,987' Gas Ojo Alamo 3,099' Gas Fruitland 3,362' Gas

Pictured Cliffs

HORIZONTAL DRILLING PROGRAM

Kick Off Point is estimated to be \pm 2835' TVD

CASING PROGRAM

Depth	Hole Diameter	Casing Diameter	Casing Weight and Grade	Cement
0' to 250'	12 1/4"	9 5/8"	J-55 36# ST&C	To surface (±175 sxs classB)
0' tó 4249'	8 3/4".	7"	J-55 23# ST & C	TD to surface (±630 sxs lite or 65:35 poz and ±270 sxs 50:50 poz)*
4249' to 7911'	6 1/4 "	Open hole***	none	none

- * Actual cement volume to be determined by caliper log.
- ** Cement will be circulated to surface
- *** If hole instability is encountered, a 4 ½", 10.5#, J-55 uncemented liner may be run in the 6 1/4" open hole section

Yields:

Surface: Standard cement yield = $1.2 \text{ ft}^3/\text{sx}$ (mixed at 15.6 lb/gal)

Production: Lite Standard Cement yield: = $1.59 \text{ ft}^3/\text{sx}$ (mixed at 13.4 lb/gal) $50:50 \text{ poz yield} = 1.27 \text{ ft}^3/\text{sx}$ (mixed at 14.15 lb/gal)

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and protected.

PRESSURE CONTROL

BOPs and choke manifold will be installed and pressure tested before drilling out under surface casing (subsequent pressure test will be performed whenever pressure seals are broken), and then will be checked daily as to mechanical operating conditions. BOP's will be pressure tested at least once every 30 days. Ram type preventors and related pressure control equipment will be pressure tested to 1,000 psi. Annular type preventor will be pressure tested to 50% of the rated working pressure, not to exceed 1,000 psi. All casing strings will be pressure tested to 0.22 psi/ft. or 1,000 psi, whichever is greater, not to exceed 70% of internal yield.

BOP to be either double gate rams or an annular preventor as per Onshore Order No. 2.

Statement on Accumulator System and Location of Hydraulic Controls

The drilling rig has not yet been selected for this well. Selection will take place after approval of this application. Manual and/or hydraulic controls will be in compliance with Onshore Order No. 2 for 2M systems.

A remote accumulator will be used. Pressures, capacities, location of remote hydraulic and manual controls will be identified at the time of the BLM supervised BOP test.

MUD PROGRAM

0' - 250' Fresh water – M.W. 8.5 ppg, Vis 30-33 250' - TD' Clean Faze - Low solids non-dispersed

M.W. 8.5 - 9.2 ppg Vis -28 - 50 sec W.L. 15cc or less

Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kick" will be available at well site.

AUXILIARY EQUIPMENT

- A) A Kelly cock will be kept in the drill string at all times
- B) Inside BOP or stab-in valve (available on rig floor)
- C) Mud monitoring will be visually observed

LOGGING, CORING, TESTING PROGRAM

A) Logging: DIL-CNL-FDC-GR - TD - BSC (GR to surface)

Sonic (BSC to TD)

B) Coring: None

C) Testing: Possible DST – None anticipated. Drill stem tests may be run on shows of interest

ABNORMAL CONDITIONS

A) Pressures: No abnormal conditions are anticipated

Bottom hole pressure gradient – 0.31 psi/ft

B) Temperatures: No abnormal conditions are anticipated

C) H_2S : See attached H_2S plan in event H_2S is encountered.

D) Estimated bottomhole pressure: 1,147 psi

ANTICIPATED START DATE

September 17, 2007

COMPLETION

The location pad will be of sufficient size to accommodate all completion activities and equipment. A string of 2-3/8" J-55 4.7#/ft tubing will be run for a flowing string. A Sundry Notice will be submitted with a revised completion program if warranted.



1724-B Townhurst Dr, Houston, Tx 77043 (713) 827-8302 www.nevisenergy.com

Job Number: 71xxx

Company: Black Hills Gas Resources Lease/Well: Jicarilla 457-04 #44

Location: Rio Arriba Co., NM Rig Name: Patterson 744

RKB: 13'

G.L. or M.S.L.: 7112'

State/Country: NM/USA

Declination:

Grid: 🗆

File name: Z:\BLACKH~1\NEWWEL~1\457-04~1\45704#44.SVY

Date/Time: 27-Aug-07 / 10:46

Curve Name: Jic 457-04 #44 plan 8-09-07

Jic 457-04 #44 plan 8-09-07

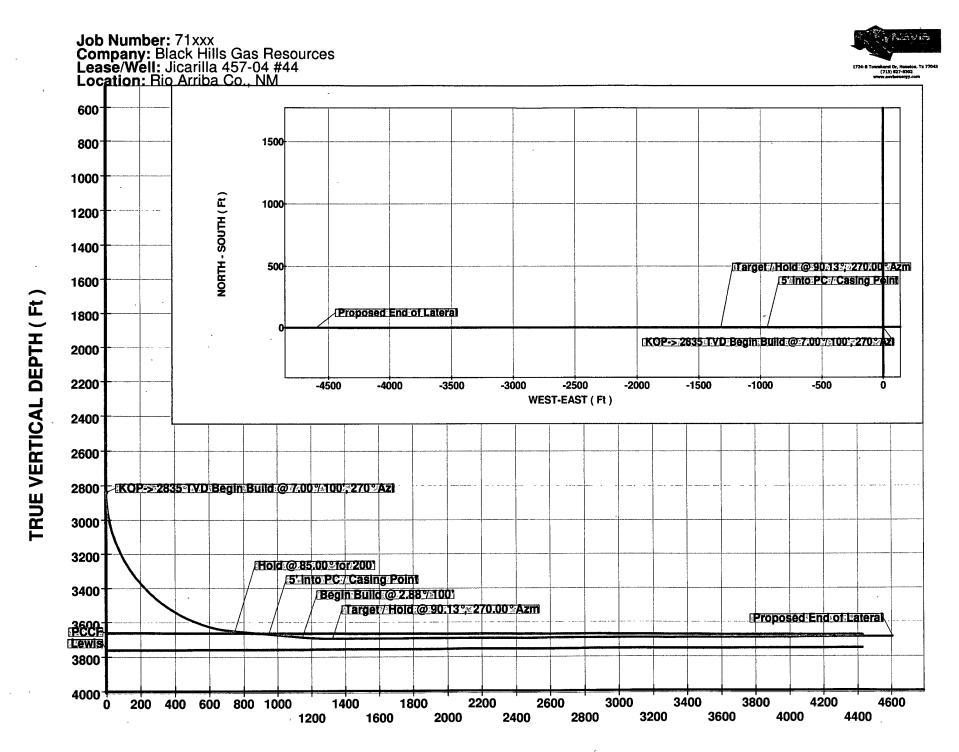
WINSERVE PROPOSAL REPORT

Minimum Curvature Method Vertical Section Plane 270.00 Vertical Section Referenced to Wellhead Rectangular Coordinates Referenced to Wellhead

	Measured	Incl	Drift	True	Vertical			CLO	SURE	Dogleg	
	Depth	Angle	Direction	Vertical	Section	N-S	E-W	Distançe	Direction	Severity	
	ĖΤ	Deg	Deg	Depth	FT	FT	FT	FT	Deg	Deg/100	
_				······································				.,			
П	KOP-> 283	35 TVD Be	gin Build @ 7	7.00 % 100', 2	70° Azi						
	2835.00	.00	270.00	2835.00	.00	.00	.00	.00	.00	.00	
_	2865.00	2.10	270.00	2864.99	.55	.00	55	.55	270.00	7.00	
	2895.00	4.20	270.00	2894.95	2.20	.00	-2.20	2.20	270.00	7.00	
	2925.00	6.30	270.00	2924.82	4.95	.00	-4.95	4.95	270.00	7.00	
	2955.00	8.40	270.00	2954.57	8.78	.00	-8.78	8.78	270.00	7.00	
						, •					
	2985.00	10.51	270.00	2984.16	13.71	.00	-13.71	13.71	270.00	7.00	
	3015.00	12.61	270.00	3013.55	19.72	.00	-19.72	19.72	270.00	7.00	
	3045.00	14.71	270.00	3042.70	26.80	.00	-26.80	26.80	270.00	7.00	
	3075.00	16.81	270.00	3071.57	34.95	.00	-34.95	34.95	270.00	7.00	
	3105.00	18.91	270.00	3100.13	44.15	.00	-44.15	44.15	270.00	7.00	
								_:			
	3135.00	21.01	270.00	3128.32	54.39	.00	-54.39	54.39	270.00	7.00	
	3165.00	23.11	270.00	3156.12	65.66	.00	-65.66	65.66	270.00	7.00	
	3195.00	25.21	270.00	3183.49	77.94	.00	-77.94	77.94	270.00	7.00	
	3225.00	27.31	270.00	3210.40	91.21	.00	-91.21	91.21	270.00	7.00	
	3255.00	29.41	270.00	3236.79	105.46	.00	-105.46	105.46	270.00	7.00	
	3285.00	31.52	270.00	3262.65	120.67	.00	-120.67	120.67	270.00	7.00	
	3315.00	33.62	270.00	3287.93	136.82				270.00	7.00	
	3345.00		270.00			.00	-136.82	136.82	270.00	7.00 7.00	
	3375.00	35.72 37.82		3312.60	153.88	.00	-153.88	153.88			
			270.00	3336.63	171.84	.00	-171.84	171.84	270.00	7.00	
	3405.00	39.92	270.00	3359.99	190.66	.00	-190.66	190.66	270.00	7.00	
	3435.00	42.02	270.00	3382.64	210.33	.00	-210.33	210.33	270.00	7.00	
	3465.00	44.12	270.00	3404.56	230.82	.00	-230.82	230.82	270.00	7.00	
	3495.00	46.22	270.00	3425.70	252.09	.00	-252.09	252.09	270.00	7.00	
	U-100.00	70.22	210.00	U-72U.1U	202.03	.00	~202.03	£0£.U3	270.00	7.00	

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100
3525.00	48.32	270.00	3446.06	274.13	.00	-274.13	274.13	270.00	7.00
3555.00	50.42	270.00	3465.59	296.90	.00	-296.90	296.90	270.00	7.00
3585.00	52.53	270.00	3484.27	320.37	.00	-320.37	320.37	270.00	7.00
3615.00	54.63	270.00	3502.09	344.50	.00	-344.50	344.50	270.00	7.00
3645.00	56.73	270.00	3519.00	369.28	.00	-369.28	369.28	270.00	7.00
0040.00	00.70	270.00	0010.00	000.20	.00	000.20	000.20	270.00	7.00
3675.00	58.83	270.00	3535.00	394.66	~ .00	-394.66	394.66	270.00	7.00
3705.00	60.93	270.00	3550.05	420.61	.00	-420.61	420.61	270.00	7.00
3735.00	63.03	270.00	3564.14	447.09	.00	-447.09	447.09	270.00	7.00
3765.00	65.13	270.00	3577.26	474.07	.00	-474.07	474.07	270.00	7.00
3795.00	67.23	270.00	3589.37	501.51	.00	-501.51	501.51	270.00	7.00
2225.22	00.00	070.00	0000 47	500.00		500.00	500.00	070.00	7.00
3825.00	69.33	270.00	3600.47	529.38	.00	-529.38	529.38	270.00	7.00
3855.00	71.43	270.00	3610.54	557.64	.00	-557.64	557.64	270.00	7.00
3885.00	73.54	270.00	3619.57	586.25	.00	-586.25	586.25	270.00	7.00
3915.00	75.64	270.00	3627.54	615.17	.00	-615.17	615.17	270.00	7.00
3945.00	77.74	270.00	3634.45	644.36	.00	-644.36	644.36	270.00	7.00
3975.00	79.84	270.00	3640.28	673.78	.00	-673.78	673.78	270.00	7.00
4005.00	81.94	270.00	3645.03	703.40	.00	-703.40	703.40	270.00	7.00
4035.00	84.04	270.00	3648.69	733.18	.00	-733.18	733.18	270.00	7.00
	5.00° for 20		3040.03	733.10	.00	-733.10	733.10	270.00	7.00
4048.70	85.00	270.00	3650.00	746.81	.00	-746.81	746.81	270.00	7.00
4148.70	85.00	270.00	3658.72	846.43	.00	-846.43	846.43	270.00	.00
	/ Casing P	***	0000.72	040.40		010.10	,	270.00	
4248.70	85.00	270.00	3667.43	946.05	.00	-946.05	946.05	270.00	.00
4348.70	85.00	270.00	3676.15	1045.67	.00	-1045.67	1045.67	270.00	.00
	ld @ 2.88%								
4448.70	85.00	270.00	3684.86	1145.29	.00	-1145.29	1145.29	270.00	.00
4478.70	85.87	270.00	3687.25	1175.19	.00	-1175.19	1175.19	270.00	2.88
4508.70	86.73	270.00	3689.19	1205.13	.00	-1205.13	1205.13	270.00	2.88
4538.70	87.60	270.00	3690.67	1235.09	.00	-1235.09	1235.09	270.00	2.88
4568.70	88.46	270.00	3691.71	1265.07	.00	-1265.07	1265.07	270.00	2.88
4000.70	00.40	270.00	0001.71	1200.07	.00		1200.07	270.00	2.00
4598.70	89.33	270.00	3692.28	1295.07	.00	-1295.07	1295.07	270.00	2.88
Target / He	old @ 90.13	3°, 270.00° A	\zm						
4626.53	90.13	270.00	3692.42	1322.90	.00	-1322.90	1322.90	270.00	2.88
4726.53	90.13	270.00	3692.19	1422.90	.00	-1422.90	1422.90	270.00	.00
4826.53	90.13	270.00	3691.97	1522.90	.00	-1522.90	1522.90	270.00	.00
4926.53	90.13	270.00	3691.74	1622.90	.00	-1622.90	1622.90	270.00	.00
5026.53	90.13	270.00	3691.51	1722.90	.00	-1722.90	1722.90	270.00	.00
5126.53	90.13	270.00	3691.29	1822.90	.00	-1822.90	1822.90	270.00	.00
5226.53	90.13	270.00	3691.06	1922.90		-1922.90	1922.90	270.00	.00
					.00				
5326.53	90.13	270.00	3690.84	2022.90	.00	-2022.90	2022.90	270.00	.00
5426.53	90.13	270.00	3690.61	2122.90	.00	-2122.90	2122.90	270.00	.00
5526.53	90.13	270.00	3690.39	2222.90	.00	-2222.90	2222.90	270.00	.00
5626.53	90.13	270.00	3690.16	2322.90	.00	-2322.90	2322.90	270.00	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLO Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100
5726.53	90.13	270.00	3689.93	2422.90	.00	-2422.90	2422.90	270.00	.00
5826.53	90.13	270.00	3689.71	2522.90	.00	-2522.90	2522.90	270.00	.00
5926.53	90.13	270.00	3689.48	2622.90	.00	-2622.90	2622.90	270.00	.00
6026.53	90.13	270.00	3689.26	2722.90	.00	-2722.90	2722.90	270.00	.00
6126.53	90.13	270.00	3689.03	2822.90	.00	-2822.90	2822.90	270.00	00
6226.53	90.13	270.00	3688.81	2922.90	.00	-2922.90	2922.90	270.00	.00
6326.53	90.13	270.00	3688.58	3022.90	.00	-3022.90	3022.90	270.00	.00
6426.53	90.13	270.00	3688.35	3122.90	.00	-3122.90	3122.90	270.00	.00
6526.53	90.13	270.00	3688.13	3222.90	.00	-3222.90	3222.90	270.00	.00
6626.53	90.13	270.00	3687.90	3322.90	.00	-3322.90	3322.90	270.00	.00
6726.53	90.13	270.00	3687.68	3422.90	.00	-3422.90	3422.90	270.00	.00
6826.53	90.13	270.00	3687.45	3522.89	.00	-3522.89	3522.89	270.00	.00
6926.53	90.13	270.00	3687.23	3622.89	.00	-3622.89	3622.89	270.00	.00
7026.53	90.13	270.00	3687.00	3722.89	.00	-3722.89	3722.89	270.00	.00
7126.53	90.13	270.00	3686.77	3822.89	.00	-3822.89	3822.89	270.00	.00
7226.53	90.13	270.00	3686.55	3922.89	.00	-3922.89	3922.89	270.00	.00
7326.53	90.13	270.00	3686.32	4022.89	.00	-4022.89	4022.89	270.00	.00
7426.53	90.13	270.00	3686.10	4122.89	.00	-4122.89	4122.89	270.00	.00
7526.53	90.13	270.00	3685.87	4222.89	.00	-4222.89	4222.89	270.00	.00
7626.53	90.13	270.00	3685.65	4322.89	.00	-4322.89	4322.89	270.00	.00
7726.53	90.13	270.00	3685.42	4422.89	.00	-4422.89	4422.89	270.00	.00
Proposed	End of Lat	eral				-			
7910.64	90.13	270.00	3685.01	4607.00	.00	-4607.00	4607.00	270.00	.00



VERTICAL SECTION (Ft)@270.00°